

NASA SP-3097

**TABLES AND CHARTS  
OF EQUILIBRIUM  
THERMODYNAMIC PROPERTIES  
OF CARBON DIOXIDE  
FOR TEMPERATURES  
FROM 100 K TO 25 000 K**



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TABLES AND CHARTS  
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THERMODYNAMIC PROPERTIES  
OF CARBON DIOXIDE  
FOR TEMPERATURES  
FROM 100 K TO 25 000 K

Charles G. Miller III and Sue E. Wilder  
*Langley Research Center*

*Prepared at NASA Langley Research Center*



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## PREFACE

Equilibrium thermodynamic properties for pure carbon dioxide are presented in tabulated and graphical form for temperatures from 100 K to 25 000 K and pressures from 40 mN/m<sup>2</sup> to 1 GN/m<sup>2</sup>. Properties include pressure, temperature, density, enthalpy, speed of sound, entropy, molecular weight ratio, specific heat at constant pressure, specific heat at constant volume, isentropic exponent, and species mole fractions.

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## INTRODUCTION

The free-energy minimization method of references 1 and 2 for determining thermochemical equilibrium properties of arbitrary gases and gas mixtures may be employed as a subroutine in a variety of real-gas computations. One example of such usage is reference 3 where the equilibrium normal-shock and shock-tube solutions for carbon dioxide are presented. Unless the inputs to the free-energy minimization method are pressure and temperature, an iterative procedure is necessary which requires considerably more computer time. For real-air computations (ref. 4), this problem was avoided by employing a magnetic tape containing thermodynamic properties of air over a wide range of conditions and by using appropriate tape search routines to interpolate for the desired thermodynamic properties. A similar tape has been generated for the thermodynamic properties of carbon dioxide. The corresponding species mole fractions are stored on two additional tapes. This report presents the data recorded on these tapes in the form of tables and charts. These data are for temperatures from 100 K to 25 000 K and pressures from 40 mN/m<sup>2</sup> to 1 GN/m<sup>2</sup>.

Unpublished tables for thermodynamic properties of pure carbon dioxide were generated by Perry A. Newman of the Langley Research Center a decade ago. However, these unpublished tables are more restrictive in range of conditions than the present tables and do not include mole fractions. Charts for equilibrium properties of carbon dioxide are included in reference 5 for temperatures to 25 000 K. In the present study, the 10 species used in reference 5 ( $e^-$ , C, C<sup>+</sup>, C<sup>++</sup>, O, O<sup>+</sup>, O<sup>++</sup>, O<sub>2</sub>, CO, and CO<sub>2</sub>) were supplemented by 6 additional species (O<sup>-</sup>, O<sub>2</sub><sup>+</sup>, O<sub>2</sub><sup>-</sup>, C<sup>-</sup>, C<sub>2</sub>, and CO<sup>+</sup>). Hence, the present results are believed to provide more accurate and detailed mole fractions for carbon dioxide than reference 5. Also, provision of tables as well as charts is a worthwhile convenience, particularly in regions where curves on the charts overlap and for the 16 mole fractions.

## SYMBOLS

a	speed of sound, m/s
$c_p$	specific heat at constant pressure, kJ/kg-K
$c_v$	specific heat at constant volume, kJ/kg-K
h	specific enthalpy, J/kg

p	pressure, N/m <sup>2</sup>
R	universal gas constant, 8.31434 kJ/kmole-K
s	specific entropy, kJ/kg-K
T	temperature, K
W	molecular weight, kg/kmole
W <sub>O</sub>	molecular weight of undissociated carbon dioxide, 44.011 kg/kmole
Z	kmole of dissociated carbon dioxide per kmole of undissociated carbon dioxide, W <sub>O</sub> /W
γ <sub>E</sub>	isentropic exponent, $\left(\frac{\partial \log p}{\partial \log \rho}\right)_s$
ρ	density, kg/m <sup>3</sup>

#### CONVERSION FACTORS AND CONSTANTS

Conversion factors between the International System of Units (SI) and U.S. Customary Units (ref. 6) for the quantities presented in the present tables and charts are as follows:

$$1 \text{ N/m}^2 = 9.8692 \times 10^{-6} \text{ atm} = 1.4504 \times 10^{-4} \text{ psi} = 2.0885 \times 10^{-2} \text{ lbf/ft}^2$$

$$1 \text{ kg/m}^3 = 6.2428 \times 10^{-2} \text{ lbm/ft}^3 = 1.9403 \times 10^{-3} \text{ slug/ft}^3$$

$$1 \text{ J/kg} = 1 \text{ m}^2/\text{s}^2 = 10.764 \text{ ft}^2/\text{s}^2 = 4.3021 \times 10^{-4} \text{ Btu/lbm}$$

$$1 \text{ m/s} = 3.2808 \text{ ft/s} = 2.2369 \text{ mph}$$

Physical constants appearing herein are

$$p_O = 101.325 \text{ kN/m}^2$$

$$W_O = 44.011 \text{ kg/kmole}$$

$$a_O = 259.15 \text{ m/s}$$

$$\rho_O = 1.9626 \text{ kg/m}^3$$

$$T_O = 273.15 \text{ K}$$

## CALCULATION OF THERMODYNAMIC PROPERTIES

The thermochemical equilibrium procedure of references 1 and 2, which is based upon the Gibbs free-energy minimization method, was used to generate the present results. Dissociation and first and second ionization are included. Basic assumptions are as follows:

- (1) The mixture is composed of ideal gases (intermolecular force effects are neglected)
- (2) For diatomic species, the rigid-rotor harmonic-oscillator model is used with vibrational-rotational corrections
- (3) Only electronic levels with principal quantum number less than or equal to 5 are included

For each given pressure and temperature combination, the free energies for the individual species are computed from partition functions of statistical mechanics. The equilibrium composition is then obtained by minimization of the free energy. The species used in the present computations for carbon dioxide are  $e^-$ , O,  $O^+$ ,  $O^{++}$ ,  $O^-$ ,  $O_2$ ,  $O_2^+$ ,  $O_2^-$ , C,  $C^+$ ,  $C^{++}$ ,  $C^-$ , CO,  $CO^+$ ,  $CO_2$ , and  $C_2$ . Accurate heat-of-formation and spectroscopic input data are important for the individual species used in the free-energy minimization procedure; therefore, a listing of these data is presented in the appendix for the 16-species  $CO_2$  model employed in the present calculations. In references 2, 7, and 8, accuracies associated with the procedure of references 1 and 2 are discussed for gases other than  $CO_2$ .

The method of references 1 and 2 will result in an ill-conditioned matrix when two components, such as atomic carbon and atomic oxygen, are completely consumed by one species for some temperature. For  $CO_2$ , this occurs at low temperatures. In the present computations, this ill-conditioned matrix was avoided by adding extra molecular oxygen in the twelfth significant figure of the initial estimate of the  $O_2$  species concentration. Extra oxygen in the fifth significant figure was used for initial estimates. Although no appreciable effect on computed thermodynamic properties at low temperatures was observed for this amount of oxygen, several of the mole fractions deviated from expected values. The amount of oxygen used to avoid the ill-conditioned matrix was decreased until the effect on computed mole fractions became insignificant; thereby, a concentration value of  $10^{-12}$  resulted. For the present study, iterations on the species concentration (number of kmoles of a species per mass of mixture) were continued until the absolute value of each concentration changed by less than  $10^{-12}$  between successive iterations. This iterative criterion is referred to in reference 1 as the absolute criterion. A relative criterion was also employed to prevent termination of the iterations while a minor species was still changing by as much as 0.1 of its previous value.

## DISCUSSION OF TABLES AND CHARTS

In table I, equilibrium thermodynamic properties for carbon dioxide are presented for a range of  $p/p_0$  from  $4 \times 10^{-7}$  to  $1 \times 10^4$  and are arranged in groups of constant pressure. The temperature is varied within the group in increments of 100 K for temperatures from 100 K to 8000 K and 200 K for temperatures from 8000 K to 25 000 K; only computed results corresponding to densities within the approximate range  $10^{-6} \rho_0$  to  $10^4 \rho_0$  are tabulated. The rows in the upper portion of each tabulation, for a given  $p/p_0$ , are identified by letters (FORTRAN symbols) which are defined in terms of the symbols adopted in this report in the following table:

FORTRAN symbol	Thermodynamic property
P/P0	$p/p_0$
T	T
RHO/RHO-0	$\rho/\rho_0$
H/RT0	$hW_0/RT_0$
S/R	$sW_0/R$
A/A0	$a/a_0$
Z	Z
CP/R	$c_p W_0/R$
CV/R	$c_v W_0/R$
GAMMA	$\gamma_E$

Constants used to nondimensionalize these thermodynamic properties are given in the sections "Symbols" and "Conversion Factors and Constants." Mole fractions corresponding to the thermodynamic properties tabulated in table I for various  $p/p_0$  are presented in table II. All 16 species were computed for each combination of pressure and temperature. Headings of the rows in the upper portion of each tabulation, for a given  $p/p_0$ , identify the 16 species by FORTRAN symbols.

Charts illustrating computed thermodynamic properties and mole fractions (corresponding to tables I and II, respectively) are presented in figures 1 and 2, respectively. In these figures, thermodynamic properties and mole fractions are plotted as a function of temperature for various values of pressure ( $10^{-5} \leq \frac{p}{p_0} \leq 10^4$ ). The figures were generated by machine, and linear line segments were used to connect adjacent data points. The symbols are used merely to identify the curves and do not represent all the individual data points computed.

### CONCLUDING REMARKS

Equilibrium thermodynamic properties and species mole fractions for pure carbon dioxide are presented in tabulated and graphical form for temperatures from 100 K to 25000 K and pressures from 40 mN/m<sup>2</sup> to 1 GN/m<sup>2</sup>. Properties include pressure, temperature, density, enthalpy, speed of sound, entropy, molecular weight ratio, specific heat at constant pressure, specific heat at constant volume, isentropic exponent, and species ( $e^-$ , O, O<sup>+</sup>, O<sup>++</sup>, O<sup>-</sup>, O<sub>2</sub>, O<sub>2</sub><sup>+</sup>, O<sub>2</sub><sup>-</sup>, C, C<sup>+</sup>, C<sup>++</sup>, C<sup>-</sup>, CO, CO<sup>+</sup>, CO<sub>2</sub>, and C<sub>2</sub>) mole fractions. These results were generated by use of the free-energy minimization procedure discussed in NASA TN D-3538 and NASA TN D-3540 and were stored on magnetic tapes.

Langley Research Center  
National Aeronautics and Space Administration  
Hampton, Va. 23665  
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## APPENDIX

### HEATS OF FORMATION AND SPECTROSCOPIC CONSTANTS FOR 16-SPECIES CO<sub>2</sub> MODEL

The accuracy associated with the computation of thermodynamic properties and species mole fractions using the free-energy minimization method of references 1 and 2 is dependent upon the spectroscopic constants and heat-of-formation inputs. Because of the importance of such input data, a listing of the input cards for the 16-species CO<sub>2</sub> model ( $e^-$ , O, O<sup>+</sup>, O<sup>++</sup>, O<sup>-</sup>, O<sub>2</sub>, O<sub>2</sub><sup>+</sup>, O<sub>2</sub><sup>-</sup>, C, C<sup>+</sup>, C<sup>++</sup>, C<sup>-</sup>, CO, CO<sup>+</sup>, CO<sub>2</sub>, and C<sub>2</sub>) used in the computations herein is presented in this appendix. For each species *i*, the first card contains (1) the chemical symbol for species *i*, (2) the integer number of electronic levels for species *i*, (3) the flag for species *i* (which is zero for a monatomic species, 1 for a diatomic species, or 2 for a triatomic species), (4) the flag to call a debug subroutine, (5) the molecular weight of species *i*, (6) the standard heat of formation of 1 mole of species *i* at 0 K, in ergs/mol, and (7) the symmetry number for species *i*. The cards immediately following the first card for a given species contain the degeneracy of the energy level followed by the energy of the electronic level of the species in cm<sup>-1</sup>, for all electronic levels considered. For diatomic or triatomic species, an additional card for each electronic level considered is included which contains for the given level (8) the rotational spectroscopic constant, (9) the vibrational-rotational spectroscopic constant, (10) the vibrational spectroscopic constant, (11) the anharmonic vibrational spectroscopic constant, and (12) the maximum vibrational quantum number. (These last five parameters are used to compute partition functions for the species.) In the listing, the location of the decimal point in noninteger numbers is before the first digit (i.e., 22142400+04 means 2214.24). As an example, the listing for CO is broken down as follows:

(1)	(2)	(3)	(4)	(5)	(6)	(7)																									
CO	7	1	0	28011000+02	-11381300+12	10000000+01																									
<table><tr><th colspan="2">Degeneracy and energy of first level</th><th colspan="2">Degeneracy and energy of second level</th><th>Degeneracy of third level</th></tr><tr><td>10000000+01</td><td>00000000+00</td><td>60000000+01</td><td>48473900+05</td><td>30000000+01</td></tr><tr><td>55380000+05</td><td>60000000+01</td><td>61784600+05</td><td>20000000+01</td><td>64746500+05</td></tr><tr><td>30000000+01</td><td>83831000+05</td><td>10000000+01</td><td>86917800+05</td><td></td></tr><tr><td colspan="2">Energy of third level</td><td></td><td></td><td></td></tr></table>							Degeneracy and energy of first level		Degeneracy and energy of second level		Degeneracy of third level	10000000+01	00000000+00	60000000+01	48473900+05	30000000+01	55380000+05	60000000+01	61784600+05	20000000+01	64746500+05	30000000+01	83831000+05	10000000+01	86917800+05		Energy of third level				
Degeneracy and energy of first level		Degeneracy and energy of second level		Degeneracy of third level																											
10000000+01	00000000+00	60000000+01	48473900+05	30000000+01																											
55380000+05	60000000+01	61784600+05	20000000+01	64746500+05																											
30000000+01	83831000+05	10000000+01	86917800+05																												
Energy of third level																															

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(8)	(9)	(10)	(11)	(12)
19313000+01	17480000-01	21702100+04	13461000+02	41
16810000+01	19300000-01	17392500+04	14470000+02	29
13310000+01	16000000-01	12180000+04	95000000+01	31
12615000+01	17000000-01	11377900+04	76240000+01	37
16116000+01	22290000-01	15156100+04	17250500+02	21
20750000+01	33000000-01	21980000+04	13476000+02	40
19610000+01	27000000-01	20820000+04	12002000+02	42

Note that electrons  $e^-$  are treated as atomic species. The internal partition function for an electron is the spin degeneracy. Thus, the electron has a "ground-state" degeneracy of 2 and no electronic excitation states. Inputs for the 16 species were obtained from references 1, 9, and 10. The listing for the present 16-species  $CO_2$  model is as follows:

E-	1	0	0	54847000-03	00000000+00	00000000+00
20000000+01				00000000+00		
0	28	0	0	16000000+02	24674100+13	00000000+00
50000000+01				00000000+00	30000000+01	15900000+03
22700000+03				50000000+01	15860000+05	10000000+01
50000000+01				73768000+05	30000000+01	75795000+05
86630000+05				90000000+01	88630000+05	50000000+01
30000000+01				96226000+05	36000000+02	97420000+05
97488000+05				15000000+02	99094000+05	90000000+01
90000000+01				10000000+06	15000000+02	10114000+06
10211600+06				30000000+01	10241200+06	50000000+01
25000000+02				10286500+06	15000000+02	10290800+06
10386900+06				15000000+02	10400000+06	25000000+02
15000000+02				10540800+06	56000000+02	10600000+06
10700000+06						56000000+02
0+	30	0	0	15999000+02	15603890+14	00000000+00
40000000+01				00000000+00	10000000+02	26820000+05
40465000+05				12000000+02	12000000+06	10000000+02
12000000+02				18540000+06	60000000+01	18900000+06
19571000+06				20000000+01	20394200+06	42000000+02
26000000+02				21280000+06	20000000+01	22685100+06
23000000+06				80000000+02	23270000+06	16000000+02
18000000+02				23960000+06	40000000+02	24550000+06
24800000+06				60000000+01	25030000+06	32000000+02
44000000+02				25400000+06	84000000+02	25530000+06
25600000+06				18000000+02	25810000+06	10000000+02
72000000+02				26150000+06	16600000+03	26550000+06
27000000+06				14200000+03	27650000+06	24000000+02
0++	30	0	0	15999000+02	49479960+14	00000000+00
90000000+01				00000000+00	50000000+01	20271000+05
43184000+05				50000000+01	60012000+05	15000000+02
90000000+01				14238300+06	50000000+01	18704900+06
19708700+06				30000000+01	21045900+06	12000000+02
90000000+01				28390000+06	26000000+02	29400000+06
30300000+06				10000000+01	31380100+06	50000000+02
10000000+02				33200000+06	15000000+02	33870000+06
34330300+06				90000000+01	35020000+06	12000000+02
46000000+02				35500000+06	48000000+02	37050000+06
38000000+06				62000000+02	39400000+06	90000000+02
55800000+03				40340000+06	72000000+02	42500000+06
43000000+06				48000000+02	43800000+06	15000000+02

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0-	1	0	0	16001000+02	10541000+13	00000000+00
60000000+01	00000000+00					
02	6	1	0	32000000+02	00000000+00	20000000+01
30000000+01	00000000+00			20000000+01	78824000+04	10000000+01
13120900+05	30000000+01			35713000+05	10000000+01	36212700+05
30000000+01	49363100+05					
14457000+01	15800000-01			15803600+04	12070000+02	26
14264000+01	17100000-01			15093000+04	12900000+02	29
14004000+01	18200000-01			14326900+04	13950000+02	25
10500000+01	35700000-01			81900000+03	22500000+02	8
82600000+00	20500000-01			65040000+03	17030000+02	9
81900000+00	11000000-01			70036000+03	80000000+01	21
02+	4	1	0	31999000+02	11628080+14	20000000+01
40700000+01	00000000+00			80000000+01	31500000+05	40000000+01
38300000+05	40000000+01			48100000+05		
16722000+01	19800000-01			18764000+04	16530000+02	28
11047000+01	15800000-01			10356900+04	10390000+02	24
10617000+01	19100000-01			90000000+03	13400000+02	16
12873000+01	22100000-01			11967700+04	17000000+02	17
02-	3	1	0	32001000+02	-96232000+12	20000000+01
40000000+01	00000000+00			40000000+01	13400000+05	40000000+01
24200000+05						
12000000+01	16000000-01			13000000+04	14000000+02	29
97000000+00	17000000-01			99000000+03	15000000+02	16
92000000+00	27000000-01			56000000+03	13000000+02	10
C	30	0	0	12011000+02	71123800+13	00000000+00
90000000+01	00000000+00			50000000+01	10194000+05	10000000+01
21648000+05	50000000+01			33735000+05	90000000+	60360000+05
30000000+01	61982000+05			15000000+02	64090000+0	30000000+01
66858000+05	15000000+02			69700000+05	30000000+01	70744000+05
90000000+01	71365000+05			50000000+01	72611000+05	10000000+01
73976000+05	90000000+01			75256000+05	50000000+01	77681000+05
90000000+01	78130000+05			21000000+02	78230000+05	18000000+02
78320000+05	10000000+02			78600000+05	90000000+01	79318000+05
10000000+02	80400000+05			12000000+02	81200000+05	50000000+01
81770000+05	10000000+01			82252000+05	50000000+02	83800000+05
10300000+03	84000000+05			30000000+02	84940000+05	60000000+01
85400000+05	50300000+03			86400000+05	19000000+02	86500000+05
C+	30	0	0	12010000+02	17971820+14	00000000+00
60000000+01	00000000+00			12000000+02	43030000+05	10000000+02
74931000+05	20000000+01			96494000+05	60000000+01	10180000+06
60000000+01	11065000+06			20000000+01	11490000+06	20000000+01
11653800+06	14000000+02			11940000+06	60000000+01	13173100+06
12000000+02	13580000+06			20000000+02	13600000+06	40000000+01
14202400+06	10000000+02			14555100+06	10000000+02	15046500+06
20000000+01	15723400+06			60000000+01	16252200+06	12000000+02
16700000+06	10000000+02			16812400+06	20000000+02	16890000+06
20000000+01	17334800+06			60000000+01	17529300+06	16000000+02
17835000+06	32000000+02			17900000+06	26000000+02	18200000+06
40000000+01	18468000+06			12000000+02	18645000+06	10000000+02
18860000+06	30000000+02			19550000+06	20000000+02	19657200+06

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C++	30	0	0	12012000+02	41492250+14	00000000+00
10000000+01	00000000+00	90000000+01	52360000+05	30000000+01		
10235100+06	90000000+01	13742000+06	50000000+01	14587500+06		
10000000+01	18252000+06	30000000+01	23816100+06	10000000+01		
24717000+06	30000000+01	25893100+06	90000000+01	25966200+06		
15000000+02	26006000+06	50000000+01	27684300+06	15000000+02		
30910000+06	10000000+01	31172100+06	12000000+02	31870000+06		
61000000+02	32255000+06	50000000+01	32421200+06	12000000+02		
32800000+06	31200000+02	33300000+06	15000000+02	33762600+06		
13000000+02	34000000+06	70000000+01	34156800+06	30000000+01		
34325600+06	30000000+02	34500000+06	61000000+02	34660000+06		
70000000+01	34800000+06	12000000+02	37660000+06	18000000+02		
38150000+06	13000000+02	38434500+06	34000000+02	38600000+06		
C-	1	0	0	12012000+02	58994400+13	00000000+00
60000000+01	00000000+00					
C0	7	1	0	28011000+02	-11381300+13	10000000+01
10000000+01	00000000+00	60000000+01	48473900+05	30000000+01		
55380000+05	60000000+01	61784600+05	20000000+01	64746500+05		
30000000+01	83831000+05	10000000+01	86917800+05			
19313000+01	17480000-01	21702100+04	13461000+02	41		
16810000+01	19300000-01	17392500+04	14470000+02	29		
13310000+01	16000000-01	12180000+04	95000000+01	31		
12615000+01	17000000-01	11377900+04	76240000+01	37		
16116000+01	22290000-01	15156100+04	17250500+02	21		
20750000+01	33000000-01	21980000+04	13476000+02	40		
19610000+01	27000000-01	20820700+04	12002000+02	42		
C0+	3	1	0	28110000+02	12383670+14	10000000+01
20000000+01	00000000+00	40000000+01	20407500+05	20000000+01		
45633500+05						
19772000+01	18960000-01	22142400+04	15164000+02	30		
15894000+01	19420000-01	15620600+04	13530000+02	28		
17999000+01	30250000-01	17341000+04	27927000+02	15		
C02	1	2	0	44011000+02	-39314600+13	20000000+01
10000000+01	00000000+00					
39060000+00	22000000-02					
66733000+03	00000000+00	66733000+03	00000000+00	13428600+04		
00000000+00	23493000+04	00000000+00				
C2	4	0	0	24022000+02	83261600+13	20000000+01
10000000+01	00000000+00	60000000+01	61000000+03	30000000+01		
62435000+04	20000000+01	82685000+04				
18189000+01	18300000-01	18548300+04	14070000+02	30		
16312000+01	16810000-01	16406400+04	11660000+02	29		
14972000+01	16320000-01	14698200+04	11180000+02	28		
16156000+01	17180000-01	16076400+04	12100000+02	27		

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Table 1. - Nondimensional Thermodynamic Properties for Carbon Dioxide.

P/P <sub>0</sub> = 4.00E-07								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E-06	-1.718E+02	3.625E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
P/P <sub>0</sub> = 5.00E-07								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E-06	-1.718E+02	3.603E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
P/P <sub>0</sub> = 6.00E-07								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E-06	-1.718E+02	3.584E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
P/P <sub>0</sub> = 7.00E-07								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E-06	-1.718E+02	3.569E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
P/P <sub>0</sub> = 8.00E-07								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E-06	-1.718E+02	3.556E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E-06	-1.705E+02	3.808E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
P/P <sub>0</sub> = 9.00E-07								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E-06	-1.718E+02	3.344E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E-06	-1.705E+02	3.796E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
P/P <sub>0</sub> = 1.00E-06								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E-06	-1.718E+02	3.533E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.266E-06	-1.705E+02	3.785E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
P/P <sub>0</sub> = 2.00E-06								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E-06	-1.718E+02	3.464E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E-06	-1.705E+02	3.716E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.827E-06	-1.590E+02	3.885E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E-06	-1.672E+02	4.021E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.093E-06	-1.653E+02	4.136E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
P/P <sub>0</sub> = 3.00E-06								
T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E-06	-1.718E+02	3.423E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E-06	-1.705E+02	3.676E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	2.733E-06	-1.590E+02	3.844E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E-06	-1.672E+02	3.980E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E-06	-1.653E+02	4.096E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E-06	-1.633E+02	4.196E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E-06	-1.612E+02	4.286E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E-06	-1.590E+02	4.367E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00

Table I. - Continued.

P/P0 = 4.00E-06

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E-05	-1.718E+02	3.395E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.465E-06	-1.705E+02	3.647E+01	8.702E-01	1.000E+00	3.891E+00	2.991E+00	1.346E+00
3.000E+02	3.644E-06	-1.690E+02	3.816E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E-06	-1.672E+02	3.951E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E-06	-1.653E+02	4.067E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E-06	-1.633E+02	4.167E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E-06	-1.612E+02	4.257E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E-06	-1.590E+02	4.338E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E-06	-1.567E+02	4.412E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	1.093E-06	-1.543E+02	4.480E+01	1.823E+00	1.000E+00	6.519E+00	5.519E+00	1.181E+00

P/P0 = 5.00E-06

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E-05	-1.718E+02	3.372E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E-06	-1.705E+02	3.624E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.555E-06	-1.690E+02	3.793E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E-06	-1.672E+02	3.929E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.733E-06	-1.653E+02	4.044E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E-06	-1.633E+02	4.145E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E-06	-1.612E+02	4.235E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E-06	-1.590E+02	4.316E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E-06	-1.567E+02	4.390E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	1.366E-06	-1.543E+02	4.457E+01	1.823E+00	1.000E+00	6.518E+00	5.518E+00	1.181E+00
1.100E+03	1.242E-06	-1.519E+02	4.520E+01	1.908E+00	1.000E+00	6.693E+00	5.691E+00	1.176E+00
1.200E+03	1.138E-06	-1.494E+02	4.580E+01	1.986E+00	1.000E+00	7.005E+00	5.996E+00	1.168E+00
1.300E+03	1.050E-06	-1.467E+02	4.638E+01	2.055E+00	1.001E+00	7.782E+00	6.744E+00	1.153E+00

P/P0 = 6.00E-06

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E-05	-1.716E+02	3.354E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E-06	-1.705E+02	3.606E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E-06	-1.690E+02	3.775E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E-06	-1.672E+02	3.911E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E-06	-1.653E+02	4.026E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E-06	-1.633E+02	4.127E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E-06	-1.612E+02	4.217E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E-06	-1.590E+02	4.298E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E-06	-1.567E+02	4.371E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	1.640E-06	-1.543E+02	4.439E+01	1.823E+00	1.000E+00	6.518E+00	5.517E+00	1.181E+00
1.100E+03	1.491E-06	-1.519E+02	4.502E+01	1.908E+00	1.000E+00	6.690E+00	5.688E+00	1.176E+00
1.200E+03	1.366E-06	-1.494E+02	4.561E+01	1.986E+00	1.000E+00	6.990E+00	5.981E+00	1.169E+00
1.300E+03	1.260E-06	-1.467E+02	4.620E+01	2.056E+00	1.001E+00	7.726E+00	6.690E+00	1.154E+00
1.400E+03	1.167E-06	-1.436E+02	4.683E+01	2.114E+00	1.003E+00	9.560E+00	8.444E+00	1.131E+00
1.500E+03	1.082E-06	-1.394E+02	4.761E+01	2.169E+00	1.010E+00	1.369E+01	1.236E+01	1.104E+00

P/P0 = 7.00E-06

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E-05	-1.718E+02	3.339E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	9.564E-06	-1.705E+02	3.591E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.376E-06	-1.690E+02	3.760E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E-06	-1.672E+02	3.896E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.826E-06	-1.653E+02	4.011E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E-06	-1.633E+02	4.112E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E-06	-1.612E+02	4.201E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E-06	-1.590E+02	4.282E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E-06	-1.567E+02	4.356E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	1.913E-06	-1.543E+02	4.424E+01	1.823E+00	1.000E+00	6.517E+00	5.517E+00	1.181E+00
1.100E+03	1.739E-06	-1.519E+02	4.487E+01	1.908E+00	1.000E+00	6.687E+00	5.685E+00	1.176E+00
1.200E+03	1.594E-06	-1.494E+02	4.546E+01	1.987E+00	1.000E+00	6.978E+00	5.969E+00	1.169E+00
1.300E+03	1.470E-06	-1.467E+02	4.604E+01	2.056E+00	1.001E+00	7.681E+00	6.647E+00	1.155E+00
1.400E+03	1.362E-06	-1.436E+02	4.667E+01	2.115E+00	1.003E+00	9.427E+00	8.317E+00	1.132E+00
1.500E+03	1.263E-06	-1.396E+02	4.743E+01	2.170E+00	1.009E+00	1.335E+01	1.204E+01	1.105E+00
1.600E+03	1.167E-06	-1.334E+02	4.852E+01	2.236E+00	1.024E+00	2.119E+01	1.939E+01	1.084E+00
1.700E+03	1.067E-06	-1.233E+02	5.018E+01	2.326E+00	1.055E+00	3.502E+01	3.211E+01	1.072E+00



Table 1.- Continued.

P/P0 = 8.00E-06

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E-05	-1.718E+02	3.325E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E-05	-1.705E+02	3.577E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E-06	-1.690E+02	3.746E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.465E-06	-1.672E+02	3.882E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E-06	-1.653E+02	3.997E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E-06	-1.633E+02	4.098E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E-06	-1.612E+02	4.188E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E-06	-1.590E+02	4.269E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E-06	-1.567E+02	4.343E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	2.186E-06	-1.543E+02	4.410E+01	1.823E+00	1.000E+00	6.517E+00	5.517E+00	1.181E+00
1.100E+03	1.987E-06	-1.519E+02	4.473E+01	1.908E+00	1.000E+00	6.685E+00	5.685E+00	1.176E+00
1.200E+03	1.821E-06	-1.494E+02	4.533E+01	1.987E+00	1.000E+00	6.967E+00	5.959E+00	1.169E+00
1.300E+03	1.680E-06	-1.467E+02	4.591E+01	2.057E+00	1.001E+00	7.644E+00	6.612E+00	1.156E+00
1.400E+03	1.557E-06	-1.437E+02	4.652E+01	2.116E+00	1.003E+00	9.317E+00	8.213E+00	1.133E+00
1.500E+03	1.444E-06	-1.397E+02	4.728E+01	2.171E+00	1.009E+00	1.307E+01	1.178E+01	1.107E+00
1.600E+03	1.335E-06	-1.336E+02	4.834E+01	2.236E+00	1.023E+00	2.058E+01	1.882E+01	1.085E+00
1.700E+03	1.222E-06	-1.239E+02	4.995E+01	2.324E+00	1.052E+00	3.384E+01	3.103E+01	1.073E+00
1.800E+03	1.097E-05	-1.080E+02	5.243E+01	2.447E+00	1.107E+00	5.436E+01	4.936E+01	1.068E+00

P/P0 = 9.00E-06

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E-05	-1.718E+02	3.314E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E-05	-1.705E+02	3.566E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E-06	-1.690E+02	3.735E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E-06	-1.672E+02	3.870E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E-06	-1.653E+02	3.986E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E-06	-1.633E+02	4.086E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E-06	-1.612E+02	4.176E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E-06	-1.590E+02	4.257E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E-06	-1.567E+02	4.331E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	2.459E-06	-1.543E+02	4.399E+01	1.823E+00	1.000E+00	6.517E+00	5.516E+00	1.181E+00
1.100E+03	2.235E-06	-1.519E+02	4.462E+01	1.908E+00	1.000E+00	6.683E+00	5.681E+00	1.176E+00
1.200E+03	2.049E-06	-1.494E+02	4.521E+01	1.987E+00	1.000E+00	6.959E+00	5.951E+00	1.169E+00
1.300E+03	1.890E-06	-1.467E+02	4.579E+01	2.057E+00	1.001E+00	7.513E+00	6.582E+00	1.156E+00
1.400E+03	1.752E-06	-1.437E+02	4.640E+01	2.117E+00	1.003E+00	9.224E+00	8.124E+00	1.134E+00
1.500E+03	1.625E-06	-1.397E+02	4.715E+01	2.172E+00	1.009E+00	1.284E+01	1.156E+01	1.108E+00
1.600E+03	1.504E-06	-1.339E+02	4.818E+01	2.236E+00	1.022E+00	2.006E+01	1.833E+01	1.086E+00
1.700E+03	1.377E-06	-1.244E+02	4.975E+01	2.322E+00	1.050E+00	3.284E+01	3.011E+01	1.074E+00
1.800E+03	1.239E-06	-1.089E+02	5.215E+01	2.443E+00	1.103E+00	5.268E+01	4.786E+01	1.068E+00
1.900E+03	1.087E-06	-8.503E+01	5.568E+01	2.607E+00	1.191E+00	7.873E+01	7.023E+01	1.068E+00

P/P0 = 1.00E-05

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E-05	-1.718E+02	3.303E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E-05	-1.705E+02	3.555E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E-06	-1.690E+02	3.724E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E-06	-1.672E+02	3.860E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E-06	-1.653E+02	3.975E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E-06	-1.633E+02	4.076E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E-06	-1.612E+02	4.166E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E-06	-1.590E+02	4.247E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E-06	-1.567E+02	4.320E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	2.733E-06	-1.543E+02	4.388E+01	1.823E+00	1.000E+00	6.516E+00	5.516E+00	1.181E+00
1.100E+03	2.484E-06	-1.519E+02	4.451E+01	1.908E+00	1.000E+00	6.681E+00	5.680E+00	1.176E+00
1.200E+03	2.277E-06	-1.494E+02	4.510E+01	1.987E+00	1.000E+00	6.951E+00	5.944E+00	1.169E+00
1.300E+03	2.100E-06	-1.468E+02	4.568E+01	2.058E+00	1.001E+00	7.586E+00	6.556E+00	1.157E+00
1.400E+03	1.946E-06	-1.437E+02	4.629E+01	2.117E+00	1.003E+00	9.144E+00	8.047E+00	1.135E+00
1.500E+03	1.807E-06	-1.398E+02	4.703E+01	2.172E+00	1.008E+00	1.264E+01	1.136E+01	1.109E+00
1.600E+03	1.672E-06	-1.341E+02	4.804E+01	2.236E+00	1.021E+00	1.961E+01	1.791E+01	1.087E+00
1.700E+03	1.533E-06	-1.248E+02	4.957E+01	2.321E+00	1.049E+00	3.197E+01	2.931E+01	1.074E+00
1.800E+03	1.381E-06	-1.098E+02	5.191E+01	2.439E+00	1.106E+00	5.122E+01	4.656E+01	1.069E+00
1.900E+03	1.214E-06	-8.653E+01	5.534E+01	2.600E+00	1.185E+00	7.666E+01	6.845E+01	1.068E+00
2.000E+03	1.041E-06	-5.348E+01	5.996E+01	2.811E+00	1.312E+00	1.035E+02	9.040E+01	1.070E+00

P/P0 = 2.00E-05

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E-05	-1.718E+02	3.234E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E-05	-1.705E+02	3.486E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E-05	-1.690E+02	3.655E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
4.000E+02	1.366E-05	-1.672E+02	3.791E+01	1.187E+00	1.700E+00	4.968E+00	3.948E+00	1.252E+00
5.000E+02	1.093E-05	-1.653E+02	3.906E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E-06	-1.633E+02	4.007E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E-06	-1.612E+02	4.096E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E-06	-1.590E+02	4.177E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E-06	-1.567E+02	4.251E+01	1.733E+00	1.000E+00	6.358E+00	5.358E+00	1.187E+00
1.000E+03	5.465E-06	-1.543E+02	4.319E+01	1.823E+00	1.000E+00	6.515E+00	5.515E+00	1.181E+00
1.100E+03	4.968E-06	-1.519E+02	4.382E+01	1.908E+00	1.000E+00	6.672E+00	5.672E+00	1.177E+00
1.200E+03	4.554E-06	-1.494E+02	4.441E+01	1.988E+00	1.000E+00	6.808E+00	5.902E+00	1.170E+00
1.300E+03	4.201E-06	-1.468E+02	4.498E+01	2.060E+00	1.001E+00	7.430E+00	6.407E+00	1.160E+00
1.400E+03	3.895E-06	-1.439E+02	4.557E+01	2.122E+00	1.002E+00	8.683E+00	7.606E+00	1.141E+00
1.500E+03	3.619E-06	-1.403E+02	4.625E+01	2.177E+00	1.007E+00	1.147E+01	1.026E+01	1.116E+00
1.600E+03	3.359E-06	-1.351E+02	4.715E+01	2.237E+00	1.017E+00	1.703E+01	1.549E+01	1.093E+00
1.700E+03	3.095E-06	-1.273E+02	4.845E+01	2.315E+00	1.039E+00	2.694E+01	2.468E+01	1.079E+00
1.800E+03	2.813E-06	-1.147E+02	5.041E+01	2.420E+00	1.079E+00	4.263E+01	3.886E+01	1.071E+00
1.900E+03	2.504E-06	-9.531E+01	5.327E+01	2.562E+00	1.149E+00	6.418E+01	5.767E+01	1.069E+00
2.000E+03	2.179E-06	-6.733E+01	5.718E+01	2.748E+00	1.254E+00	8.868E+01	7.810E+01	1.070E+00
2.100E+03	1.862E-06	-3.076E+01	6.205E+01	2.977E+00	1.397E+00	1.099E+02	9.493E+01	1.074E+00
2.200E+03	1.585E-06	-1.171E+01	6.744E+01	3.236E+00	1.568E+00	1.192E+02	1.017E+02	1.079E+00
2.300E+03	1.367E-06	5.369E+01	7.254E+01	3.496E+00	1.738E+00	1.055E+02	9.024E+01	1.087E+00
2.400E+03	1.218E-06	8.622E+01	7.633E+01	3.726E+00	1.869E+00	7.034E+01	6.090E+01	1.100E+00
2.500E+03	1.125E-06	1.056E+02	7.849E+01	3.923E+00	1.943E+00	3.771E+01	3.265E+01	1.126E+00
2.600E+03	1.064E-06	1.157E+02	7.958E+01	4.122E+00	1.976E+00	1.992E+01	1.675E+01	1.176E+00
2.700E+03	1.017E-06	1.214E+02	8.017E+01	4.338E+00	1.990E+00	1.227E+01	9.810E+00	1.245E+00

P/P0 = 3.00E-05

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E-05	-1.718E+02	3.193E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E-05	-1.705E+02	3.445E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	2.733E-05	-1.690E+02	3.614E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E-05	-1.672E+02	3.750E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E-05	-1.653E+02	3.865E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E-05	-1.633E+02	3.966E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E-05	-1.612E+02	4.056E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E-05	-1.590E+02	4.137E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E-06	-1.567E+02	4.210E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E-06	-1.543E+02	4.278E+01	1.823E+00	1.000E+00	6.514E+00	5.514E+00	1.181E+00
1.100E+03	7.453E-06	-1.519E+02	4.341E+01	1.908E+00	1.000E+00	6.688E+00	5.688E+00	1.177E+00
1.200E+03	6.831E-06	-1.494E+02	4.400E+01	1.988E+00	1.000E+00	6.887E+00	5.882E+00	1.171E+00
1.300E+03	6.303E-06	-1.468E+02	4.457E+01	2.061E+00	1.001E+00	7.354E+00	6.354E+00	1.161E+00
1.400E+03	5.844E-06	-1.439E+02	4.515E+01	2.124E+00	1.002E+00	8.458E+00	7.391E+00	1.144E+00
1.500E+03	5.434E-06	-1.405E+02	4.580E+01	2.180E+00	1.006E+00	1.090E+01	9.715E+00	1.120E+00
1.600E+03	5.049E-06	-1.357E+02	4.665E+01	2.239E+00	1.015E+00	1.577E+01	1.430E+01	1.097E+00
1.700E+03	4.670E-06	-1.284E+02	4.784E+01	2.312E+00	1.034E+00	2.448E+01	2.239E+01	1.081E+00
1.800E+03	4.258E-06	-1.171E+02	4.960E+01	2.411E+00	1.070E+00	3.836E+01	3.500E+01	1.073E+00
1.900E+03	3.816E-06	-9.967E+01	5.218E+01	2.543E+00	1.131E+00	5.778E+01	5.207E+01	1.070E+00
2.000E+03	3.347E-06	-7.437E+01	5.572E+01	2.716E+00	1.225E+00	8.066E+01	7.134E+01	1.071E+00
2.100E+03	2.881E-06	-4.079E+01	6.019E+01	2.932E+00	1.355E+00	1.020E+02	8.845E+01	1.074E+00
2.200E+03	2.461E-06	-7.259E+01	6.527E+01	3.179E+00	1.514E+00	1.148E+02	9.812E+01	1.079E+00
2.300E+03	2.117E-06	4.109E+01	7.035E+01	3.438E+00	1.684E+00	1.098E+02	9.354E+01	1.085E+00
2.400E+03	1.869E-06	7.674E+01	7.450E+01	3.677E+00	1.828E+00	8.191E+01	7.050E+01	1.096E+00
2.500E+03	1.708E-06	1.003E+02	7.713E+01	3.881E+00	1.919E+00	4.771E+01	4.135E+01	1.116E+00
2.600E+03	1.605E-06	1.132E+02	7.852E+01	4.073E+00	1.965E+00	2.532E+01	2.159E+01	1.154E+00
2.700E+03	1.530E-06	1.203E+02	7.925E+01	4.280E+00	1.985E+00	1.473E+01	1.204E+01	1.215E+00
2.800E+03	1.469E-06	1.247E+02	7.969E+01	4.488E+00	1.993E+00	1.028E+01	7.987E+00	1.283E+00
2.900E+03	1.416E-06	1.281E+02	8.002E+01	4.665E+00	1.997E+00	8.441E+00	6.310E+00	1.336E+00
3.000E+03	1.367E-06	1.310E+02	8.029E+01	4.802E+00	1.998E+00	7.664E+00	5.602E+00	1.367E+00
3.100E+03	1.323E-06	1.338E+02	8.053E+01	4.910E+00	1.999E+00	7.327E+00	5.296E+00	1.383E+00
3.200E+03	1.281E-06	1.364E+02	8.076E+01	5.002E+00	2.000E+00	7.178E+00	5.162E+00	1.390E+00
3.300E+03	1.241E-06	1.391E+02	8.098E+01	5.085E+00	2.000E+00	7.120E+00	5.111E+00	1.393E+00
3.400E+03	2.06E-06	1.417E+02	8.119E+01	5.161E+00	2.000E+00	7.119E+00	5.112E+00	1.392E+00
3.500E+03	1.171E-06	1.443E+02	8.140E+01	5.228E+00	2.000E+00	7.184E+00	5.175E+00	1.388E+00
3.600E+03	1.139E-06	1.469E+02	8.161E+01	5.280E+00	2.000E+00	7.381E+00	5.362E+00	1.376E+00
3.700E+03	1.108E-06	1.497E+02	8.181E+01	5.303E+00	2.001E+00	7.872E+00	5.826E+00	1.351E+00
3.800E+03	1.078E-06	1.528E+02	8.204E+01	5.284E+00	2.002E+00	9.020E+00	6.907E+00	1.305E+00
3.900E+03	1.049E-06	1.565E+02	8.230E+01	5.226E+00	2.004E+00	1.157E+01	9.294E+00	1.242E+00
4.000E+03	1.020E-06	1.616E+02	8.265E+01	5.163E+00	2.009E+00	1.691E+01	1.428E+01	1.179E+00

P/P0 = 4.00E-05

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E-04	-1.718E+02	3.164E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.465E-05	-1.705E+02	3.417E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E-05	-1.690E+02	3.585E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E-05	-1.672E+02	3.721E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E-05	-1.653E+02	3.836E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E-05	-1.633E+02	3.937E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
7.800E+02	1.562E-05	-1.612E+02	4.027E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E-05	-1.590E+02	4.108E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E-05	-1.567E+02	4.162E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E-05	-1.543E+02	4.250E+01	1.823E+00	1.000E+00	6.514E+00	5.514E+00	1.181E+00
1.100E+03	9.937E-06	-1.519E+02	4.312E+01	1.908E+00	1.000E+00	6.665E+00	5.664E+00	1.177E+00
1.200E+03	9.108E-06	-1.494E+02	4.371E+01	1.988E+00	1.000E+00	6.874E+00	5.869E+00	1.171E+00
1.300E+03	8.404E-06	-1.468E+02	4.428E+01	2.062E+00	1.001E+00	7.307E+00	6.288E+00	1.162E+00
1.400E+03	7.794E-06	-1.440E+02	4.485E+01	2.124E+00	1.002E+00	8.316E+00	7.256E+00	1.145E+00
1.500E+03	7.249E-06	-1.406E+02	4.549E+01	2.182E+00	1.005E+00	1.054E+01	9.374E+00	1.123E+00
1.600E+03	6.741E-06	-1.360E+02	4.630E+01	2.240E+00	1.014E+00	1.498E+01	1.355E+01	1.100E+00
1.700E+03	6.238E-06	-1.292E+02	4.742E+01	2.311E+00	1.031E+00	2.291E+01	2.094E+01	1.084E+00
1.800E+03	5.711E-06	-1.186E+02	4.907E+01	2.405E+00	1.063E+00	3.563E+01	3.253E+01	1.074E+00
1.900E+03	5.141E-06	-1.025E+02	5.145E+01	2.531E+00	1.119E+00	5.361E+01	4.841E+01	1.071E+00
2.000E+03	4.532E-06	-7.893E+01	5.474E+01	2.696E+00	1.206E+00	7.529E+01	6.679E+01	1.071E+00
2.100E+03	3.922E-06	-4.740E+01	5.894E+01	2.901E+00	1.327E+00	9.635E+01	8.382E+01	1.074E+00
2.200E+03	3.361E-06	-9.175E+00	6.380E+01	3.141E+00	1.478E+00	1.108E+02	9.486E+01	1.078E+00
2.300E+03	2.891E-06	3.196E+01	6.879E+01	3.396E+00	1.644E+00	1.107E+02	9.418E+01	1.084E+00
2.400E+03	2.538E-06	6.913E+01	7.311E+01	3.640E+00	1.795E+00	8.890E+01	7.619E+01	1.094E+00
2.500E+03	2.303E-06	9.558E+01	7.607E+01	3.850E+00	1.899E+00	5.551E+01	4.803E+01	1.110E+00
2.600E+03	2.151E-06	1.108E+02	7.771E+01	4.040E+00	1.955E+00	3.015E+01	2.587E+01	1.142E+00
2.700E+03	2.045E-06	1.192E+02	7.857E+01	4.240E+00	1.980E+00	1.707E+01	1.414E+01	1.195E+00
2.800E+03	1.961E-06	1.242E+02	7.907E+01	4.448E+00	1.991E+00	1.133E+01	8.942E+00	1.262E+00
2.900E+03	1.889E-06	1.279E+02	7.942E+01	4.636E+00	1.996E+00	8.918E+00	6.742E+00	1.320E+00
3.000E+03	1.824E-06	1.309E+02	7.970E+01	4.784E+00	1.998E+00	7.886E+00	5.803E+00	1.358E+00
3.100E+03	1.764E-06	1.337E+02	7.995E+01	4.901E+00	1.999E+00	7.434E+00	5.393E+00	1.378E+00
3.200E+03	1.708E-06	1.364E+02	8.018E+01	4.997E+00	1.999E+00	7.231E+00	5.210E+00	1.388E+00
3.300E+03	1.654E-06	1.390E+02	8.041E+01	5.083E+00	2.000E+00	7.145E+00	5.133E+00	1.392E+00
3.400E+03	1.608E-06	1.416E+02	8.062E+01	5.161E+00	2.000E+00	7.124E+00	5.116E+00	1.392E+00
3.500E+03	1.562E-06	1.443E+02	8.083E+01	5.231E+00	2.000E+00	7.164E+00	5.155E+00	1.389E+00
3.600E+03	1.518E-06	1.469E+02	8.103E+01	5.288E+00	2.000E+00	7.307E+00	5.292E+00	1.381E+00
3.700E+03	1.477E-06	1.496E+02	8.123E+01	5.322E+00	2.000E+00	7.675E+00	5.640E+00	1.360E+00
3.800E+03	1.437E-06	1.526E+02	8.145E+01	5.319E+00	2.001E+00	8.538E+00	5.453E+00	1.322E+00
3.900E+03	1.399E-06	1.560E+02	8.169E+01	5.272E+00	2.003E+00	1.046E+01	8.253E+00	1.265E+00
4.000E+03	1.362E-06	1.605E+02	8.200E+01	5.208E+00	2.007E+00	1.451E+01	1.204E+01	1.201E+00
4.100E+03	1.323E-06	1.671E+02	8.245E+01	5.167E+00	2.015E+00	2.257E+01	1.951E+01	1.149E+00
4.200E+03	1.281E-06	1.779E+02	8.315E+01	5.172E+00	2.032E+00	3.745E+01	3.312E+01	1.114E+00
4.300E+03	1.232E-06	1.958E+02	8.430E+01	5.229E+00	2.063E+00	6.226E+01	5.528E+01	1.096E+00
4.400E+03	1.173E-06	2.248E+02	8.613E+01	5.336E+00	2.118E+00	9.804E+01	8.619E+01	1.086E+00
4.500E+03	1.103E-06	2.684E+02	8.880E+01	5.493E+00	2.202E+00	1.403E+02	1.212E+02	1.083E+00
4.600E+03	1.026E-06	3.270E+02	9.231E+01	5.695E+00	2.317E+00	1.777E+02	1.510E+02	1.082E+00

P/P0 = 5.00E-05

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E-04	-1.718E+02	3.142E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E-05	-1.705E+02	3.394E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.555E-05	-1.690E+02	3.563E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E-05	-1.672E+02	3.699E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.733E-05	-1.653E+02	3.814E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E-05	-1.633E+02	3.915E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E-05	-1.612E+02	4.005E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E-05	-1.590E+02	4.086E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E-05	-1.567E+02	4.159E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.366E-05	-1.543E+02	4.227E+01	1.823E+00	1.000E+00	6.513E+00	5.513E+00	1.181E+00
1.100E+03	1.242E-05	-1.519E+02	4.290E+01	1.908E+00	1.000E+00	6.665E+00	5.665E+00	1.177E+00
1.200E+03	1.138E-05	-1.494E+02	4.349E+01	1.988E+00	1.000E+00	6.865E+00	5.865E+00	1.171E+00
1.300E+03	1.051E-05	-1.468E+02	4.405E+01	2.062E+00	1.000E+00	7.273E+00	6.255E+00	1.162E+00
1.400E+03	9.743E-06	-1.440E+02	4.462E+01	2.124E+00	1.002E+00	8.215E+00	7.159E+00	1.147E+00
1.500E+03	9.064E-06	-1.407E+02	4.525E+01	2.182E+00	1.005E+00	1.029E+01	9.130E+00	1.125E+00
1.600E+03	8.434E-06	-1.362E+02	4.603E+01	2.241E+00	1.013E+00	1.441E+01	1.302E+01	1.102E+00
1.700E+03	7.814E-06	-1.297E+02	4.710E+01	2.310E+00	1.029E+00	2.179E+01	1.990E+01	1.085E+00
1.800E+03	7.159E-06	-1.197E+02	4.865E+01	2.401E+00	1.059E+00	3.367E+01	3.074E+01	1.076E+00
1.900E+03	6.473E-06	-1.045E+02	5.091E+01	2.522E+00	1.111E+00	5.059E+01	4.574E+01	1.072E+00
2.000E+03	5.730E-06	-8.222E+01	5.403E+01	2.681E+00	1.192E+00	7.131E+01	6.340E+01	1.071E+00
2.100E+03	4.979E-06	-5.224E+01	5.802E+01	2.879E+00	1.307E+00	9.205E+01	8.027E+01	1.074E+00
2.200E+03	4.279E-06	-1.548E+01	6.269E+01	3.112E+00	1.451E+00	1.073E+02	9.208E+01	1.078E+00
2.300E+03	3.682E-06	2.487E+01	6.758E+01	3.364E+00	1.614E+00	1.102E+02	9.385E+01	1.084E+00
2.400E+03	3.222E-06	6.281E+01	7.200E+01	3.610E+00	1.767E+00	9.334E+01	7.976E+01	1.092E+00
2.500E+03	2.906E-06	9.133E+01	7.518E+01	3.825E+00	1.880E+00	6.171E+01	5.329E+01	1.107E+00
2.600E+03	2.702E-06	1.086E+02	7.704E+01	4.016E+00	1.945E+00	3.447E+01	2.967E+01	1.134E+00
2.700E+03	2.562E-06	1.181E+02	7.802E+01	4.210E+00	1.975E+00	1.929E+01	1.614E+01	1.181E+00
2.800E+03	2.454E-06	1.237E+02	7.858E+01	4.417E+00	1.989E+00	1.236E+01	9.874E+00	1.245E+00
2.900E+03	2.362E-06	1.276E+02	7.895E+01	4.610E+00	1.955E+00	9.389E+00	7.169E+00	1.306E+00
3.000E+03	2.280E-06	1.308E+02	7.925E+01	4.768E+00	1.997E+00	8.107E+00	6.003E+00	1.349E+00
3.100E+03	2.205E-06	1.337E+02	7.950E+01	4.891E+00	1.999E+00	7.541E+00	5.489E+00	1.373E+00
3.200E+03	2.136E-06	1.364E+02	7.974E+01	4.992E+00	1.999E+00	7.285E+00	5.258E+00	1.385E+00
3.300E+03	2.071E-06	1.390E+02	7.996E+01	5.080E+00	2.000E+00	7.171E+00	5.157E+00	1.390E+00
3.400E+03	2.010E-06	1.416E+02	8.017E+01	5.160E+00	2.000E+00	7.133E+00	5.124E+00	1.392E+00
3.500E+03	1.952E-06	1.442E+02	8.038E+01	5.232E+00	2.000E+00	7.155E+00	5.147E+00	1.390E+00
3.600E+03	1.898E-06	1.469E+02	8.058E+01	5.293E+00	2.000E+00	7.265E+00	5.252E+00	1.383E+00
3.700E+03	1.846E-06	1.496E+02	8.078E+01	5.334E+00	2.000E+00	7.558E+00	5.530E+00	1.367E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
3.800E+03	1.797E-06	1.425E+02	8.099E+01	5.342E+00	2.001E+00	8.249E+00	6.181E+00	1.334E+00
3.900E+03	1.750E-06	1.557E+02	8.122E+01	5.307E+00	2.002E+00	9.789E+00	7.626E+00	1.282E+00
4.000E+03	1.703E-06	1.598E+02	8.151E+01	5.245E+00	2.005E+00	1.305E+01	1.067E+01	1.219E+00
4.100E+03	1.656E-06	1.657E+02	8.190E+01	5.195E+00	2.012E+00	1.958E+01	1.674E+01	1.163E+00
4.200E+03	1.606E-06	1.749E+02	8.251E+01	5.186E+00	2.026E+00	3.183E+01	2.798E+01	1.124E+00
4.300E+03	1.549E-06	1.901E+02	8.348E+01	5.227E+00	2.052E+00	5.277E+01	4.684E+01	1.101E+00
4.400E+03	1.481E-06	2.148E+02	8.504E+01	5.317E+00	2.097E+00	8.431E+01	7.439E+01	1.089E+00
4.500E+03	1.399E-06	2.528E+02	8.737E+01	5.457E+00	2.170E+00	1.242E+02	1.079E+02	1.084E+00
4.600E+03	1.307E-06	3.057E+02	9.054E+01	5.643E+00	2.273E+00	1.636E+02	1.397E+02	1.083E+00
4.700E+03	1.211E-06	3.710E+02	9.437E+01	5.864E+00	2.401E+00	1.895E+02	1.599E+02	1.083E+00
4.800E+03	1.120E-06	4.415E+02	9.843E+01	6.102E+00	2.540E+00	1.917E+02	1.614E+02	1.085E+00
4.900E+03	1.044E-06	5.085E+02	1.022E+02	6.334E+00	2.672E+00	1.705E+02	1.446E+02	1.089E+00

P/P0 = 6.00E-05

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E-04	-1.718E+02	3.124E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E-05	-1.705E+02	3.376E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E-05	-1.690E+02	3.545E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E-05	-1.672E+02	3.681E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E-05	-1.653E+02	3.796E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E-05	-1.633E+02	3.897E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E-05	-1.612E+02	3.986E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E-05	-1.590E+02	4.067E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E-05	-1.567E+02	4.141E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E-05	-1.543E+02	4.209E+01	1.823E+00	1.000E+00	6.513E+00	5.513E+00	1.181E+00
1.100E+03	1.491E-05	-1.519E+02	4.272E+01	1.908E+00	1.000E+00	6.661E+00	5.660E+00	1.177E+00
1.200E+03	1.366E-05	-1.494E+02	4.330E+01	1.989E+00	1.000E+00	6.857E+00	5.853E+00	1.172E+00
1.300E+03	1.261E-05	-1.468E+02	4.387E+01	2.063E+00	1.000E+00	7.247E+00	6.230E+00	1.163E+00
1.400E+03	1.169E-05	-1.441E+02	4.443E+01	2.128E+00	1.002E+00	8.138E+00	7.085E+00	1.148E+00
1.500E+03	1.088E-05	-1.408E+02	4.505E+01	2.185E+00	1.005E+00	1.009E+01	8.944E+00	1.126E+00
1.600E+03	1.013E-05	-1.364E+02	4.581E+01	2.242E+00	1.012E+00	1.397E+01	1.261E+01	1.104E+00
1.700E+03	9.392E-06	-1.302E+02	4.685E+01	2.310E+00	1.027E+00	2.094E+01	1.910E+01	1.087E+00
1.800E+03	8.631E-06	-1.206E+02	4.834E+01	2.399E+00	1.055E+00	3.216E+01	2.937E+01	1.077E+00
1.900E+03	7.813E-06	-1.060E+02	5.049E+01	2.516E+00	1.105E+00	4.825E+01	4.367E+01	1.072E+00
2.000E+03	6.938E-06	-8.476E+01	5.346E+01	2.669E+00	1.182E+00	6.819E+01	6.073E+01	1.072E+00
2.100E+03	6.048E-06	-5.601E+01	5.729E+01	2.862E+00	1.291E+00	8.858E+01	7.740E+01	1.074E+00
2.200E+03	5.211E-06	-2.046E+01	6.180E+01	3.089E+00	1.430E+00	1.044E+02	8.968E+01	1.078E+00
2.300E+03	4.487E-06	1.913E+01	6.661E+01	3.337E+00	1.589E+00	1.095E+02	9.313E+01	1.083E+00
2.400E+03	3.918E-06	5.743E+01	7.106E+01	3.584E+00	1.744E+00	9.624E+01	8.206E+01	1.091E+00
2.500E+03	3.519E-06	8.753E+01	7.442E+01	3.804E+00	1.864E+00	6.672E+01	5.748E+01	1.104E+00
2.600E+03	3.258E-06	1.065E+02	7.646E+01	3.976E+00	1.935E+00	3.837E+01	3.307E+01	1.128E+00
2.700E+03	3.081E-06	1.171E+02	7.755E+01	4.117E+00	1.971E+00	2.140E+01	1.803E+01	1.171E+00
2.800E+03	2.948E-06	1.232E+02	7.817E+01	4.390E+00	1.987E+00	1.337E+01	1.078E+01	1.232E+00
2.900E+03	2.836E-06	1.274E+02	7.857E+01	4.588E+00	1.994E+00	9.855E+00	7.592E+00	1.294E+00
3.000E+03	2.737E-06	1.307E+02	7.887E+01	4.753E+00	1.997E+00	8.326E+00	6.202E+00	1.340E+00
3.100E+03	2.647E-06	1.336E+02	7.913E+01	4.883E+00	1.998E+00	7.647E+00	5.586E+00	1.368E+00
3.200E+03	2.563E-06	1.363E+02	7.937E+01	4.988E+00	1.999E+00	7.338E+00	5.306E+00	1.382E+00
3.300E+03	2.485E-06	1.390E+02	7.959E+01	5.078E+00	2.000E+00	7.198E+00	5.181E+00	1.389E+00
3.400E+03	2.412E-06	1.416E+02	7.981E+01	5.159E+00	2.000E+00	7.144E+00	5.134E+00	1.391E+00
3.500E+03	2.342E-06	1.442E+02	8.001E+01	5.232E+00	2.000E+00	7.152E+00	5.143E+00	1.390E+00
3.600E+03	2.277E-06	1.469E+02	8.022E+01	5.296E+00	2.000E+00	7.239E+00	5.227E+00	1.385E+00
3.700E+03	2.215E-06	1.496E+02	8.042E+01	5.342E+00	2.000E+00	7.481E+00	5.457E+00	1.371E+00
3.800E+03	2.157E-06	1.524E+02	8.062E+01	5.358E+00	2.001E+00	8.057E+00	5.999E+00	1.342E+00
3.900E+03	2.100E-06	1.555E+02	8.085E+01	5.333E+00	2.002E+00	9.342E+00	7.207E+00	1.295E+00
4.000E+03	2.045E-06	1.594E+02	8.111E+01	5.274E+00	2.005E+00	1.207E+01	9.760E+00	1.234E+00
4.100E+03	1.989E-06	1.647E+02	8.147E+01	5.220E+00	2.010E+00	1.757E+01	1.487E+01	1.175E+00
4.200E+03	1.931E-06	1.729E+02	8.201E+01	5.200E+00	2.022E+00	2.796E+01	2.444E+01	1.132E+00
4.300E+03	1.866E-06	1.861E+02	8.286E+01	5.229E+00	2.043E+00	4.606E+01	4.083E+01	1.106E+00
4.400E+03	1.789E-06	2.078E+02	8.422E+01	5.306E+00	2.083E+00	7.418E+01	6.560E+01	1.092E+00
4.500E+03	1.697E-06	2.416E+02	8.629E+01	5.432E+00	2.147E+00	1.115E+02	9.726E+01	1.086E+00
4.600E+03	1.591E-06	2.898E+02	8.918E+01	5.604E+00	2.240E+00	1.513E+02	1.297E+02	1.083E+00
4.700E+03	1.478E-06	3.512E+02	9.279E+01	5.815E+00	2.361E+00	1.818E+02	1.536E+02	1.083E+00
4.800E+03	1.368E-06	4.203E+02	9.676E+01	6.048E+00	2.497E+00	1.915E+02	1.611E+02	1.085E+00
4.900E+03	1.272E-06	4.885E+02	1.006E+02	6.283E+00	2.631E+00	1.773E+02	1.498E+02	1.089E+00
5.000E+03	1.194E-06	5.481E+02	1.039E+02	6.501E+00	2.747E+00	1.470E+02	1.255E+02	1.094E+00
5.100E+03	1.133E-06	5.957E+02	1.065E+02	6.697E+00	2.838E+00	1.129E+02	9.731E+01	1.102E+00
5.200E+03	1.085E-06	6.315E+02	1.084E+02	6.875E+00	2.905E+00	8.392E+01	7.262E+01	1.112E+00
5.300E+03	1.048E-06	6.581E+02	1.098E+02	7.040E+00	2.953E+00	6.306E+01	5.447E+01	1.125E+00
5.400E+03	1.016E-06	6.786E+02	1.108E+02	7.193E+00	2.988E+00	4.983E+01	4.279E+01	1.140E+00

P/P0 = 7.00E-05

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E-04	-1.718E+02	3.108E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	9.564E-05	-1.705E+02	3.361E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.376E-05	-1.690E+02	3.529E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E-05	-1.672E+02	3.665E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
5.000E+02	3.826E-05	-1.653E+02	3.781E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E-05	-1.633E+02	3.881E+01	1.431E+00	1.000E+00	5.666E+00	4.666E+00	1.213E+00
7.000E+02	2.733E-05	-1.612E+02	3.971E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E-05	-1.590E+02	4.052E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E-05	-1.567E+02	4.126E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E-05	-1.543E+02	4.194E+01	1.823E+00	1.000E+00	6.513E+00	5.513E+00	1.181E+00
1.100E+03	1.739E-05	-1.519E+02	4.256E+01	1.908E+00	1.000E+00	6.650E+00	5.659E+00	1.177E+00
1.200E+03	1.594E-05	-1.494E+02	4.315E+01	1.989E+00	1.000E+00	6.852E+00	5.848E+00	1.172E+00
1.300E+03	1.471E-05	-1.469E+02	4.371E+01	2.063E+00	1.000E+00	7.226E+00	6.210E+00	1.163E+00
1.400E+03	1.364E-05	-1.441E+02	4.427E+01	2.129E+00	1.002E+00	8.076E+00	7.026E+00	1.149E+00
1.500E+03	1.270E-05	-1.408E+02	4.489E+01	2.186E+00	1.004E+00	9.935E+00	8.795E+00	1.128E+00
1.600E+03	1.182E-05	-1.366E+02	4.563E+01	2.243E+00	1.011E+00	1.363E+01	1.228E+01	1.105E+00
1.700E+03	1.097E-05	-1.305E+02	4.664E+01	2.310E+00	1.026E+00	2.025E+01	1.846E+01	1.088E+00
1.800E+03	1.010E-05	-1.212E+02	4.808E+01	2.396E+00	1.053E+00	3.095E+01	2.826E+01	1.077E+00
1.900E+03	9.157E-06	-1.072E+02	5.014E+01	2.511E+00	1.100E+00	4.636E+01	4.199E+01	1.073E+00
2.000E+03	8.153E-06	-8.682E+01	5.300E+01	2.660E+00	1.173E+00	6.564E+01	5.854E+01	1.072E+00
2.100E+03	7.127E-06	-5.907E+01	5.669E+01	2.847E+00	1.278E+00	8.570E+01	7.501E+01	1.074E+00
2.200E+03	6.154E-06	-2.454E+01	6.108E+01	3.070E+00	1.413E+00	1.018E+02	8.759E+01	1.078E+00
2.300E+03	5.304E-06	1.433E+01	6.580E+01	3.315E+00	1.568E+00	1.084E+02	9.224E+01	1.083E+00
2.400E+03	4.625E-06	5.276E+01	7.027E+01	3.562E+00	1.723E+00	9.817E+01	8.357E+01	1.091E+00
2.500E+03	4.139E-06	8.404E+01	7.376E+01	3.785E+00	1.848E+00	7.082E+01	6.088E+01	1.102E+00
2.600E+03	3.819E-06	1.044E+02	7.595E+01	3.980E+00	1.927E+00	4.188E+01	3.613E+01	1.124E+00
2.700E+03	3.603E-06	1.160E+02	7.715E+01	4.168E+00	1.966E+00	2.342E+01	1.983E+01	1.163E+00
2.800E+03	3.443E-06	1.228E+02	7.781E+01	4.368E+00	1.984E+00	1.435E+01	1.167E+01	1.221E+00
2.900E+03	3.310E-06	1.272E+02	7.824E+01	4.567E+00	1.993E+00	1.032E+01	8.009E+00	1.283E+00
3.000E+03	3.194E-06	1.306E+02	7.855E+01	4.739E+00	1.996E+00	8.545E+00	6.400E+00	1.333E+00
3.100E+03	3.088E-06	1.335E+02	7.882E+01	4.874E+00	1.998E+00	7.754E+00	5.682E+00	1.363E+00
3.200E+03	2.990E-06	1.363E+02	7.906E+01	4.983E+00	1.999E+00	7.392E+00	5.355E+00	1.380E+00
3.300E+03	2.899E-06	1.390E+02	7.928E+01	5.075E+00	1.999E+00	7.225E+00	5.205E+00	1.388E+00
3.400E+03	2.814E-06	1.416E+02	7.950E+01	5.158E+00	2.000E+00	7.157E+00	5.145E+00	1.391E+00
3.500E+03	2.733E-06	1.442E+02	7.970E+01	5.232E+00	2.000E+00	7.152E+00	5.143E+00	1.390E+00
3.600E+03	2.657E-06	1.469E+02	7.991E+01	5.298E+00	2.000E+00	7.221E+00	5.210E+00	1.386E+00
3.700E+03	2.585E-06	1.495E+02	8.011E+01	5.348E+00	2.000E+00	7.427E+00	5.405E+00	1.374E+00
3.800E+03	2.516E-06	1.523E+02	8.031E+01	5.370E+00	2.001E+00	7.920E+00	5.870E+00	1.349E+00
3.900E+03	2.450E-06	1.554E+02	8.053E+01	5.354E+00	2.002E+00	9.023E+00	6.907E+00	1.305E+00
4.000E+03	2.386E-06	1.591E+02	8.078E+01	5.302E+00	2.004E+00	1.137E+01	9.103E+00	1.247E+00
4.100E+03	2.323E-06	1.640E+02	8.112E+01	5.243E+00	2.009E+00	1.611E+01	1.352E+01	1.187E+00
4.200E+03	2.256E-06	1.714E+02	8.160E+01	5.215E+00	2.019E+00	2.514E+01	2.185E+01	1.140E+00
4.300E+03	2.183E-06	1.833E+02	8.236E+01	5.233E+00	2.038E+00	4.108E+01	3.633E+01	1.111E+00
4.400E+03	2.098E-06	2.026E+02	8.358E+01	5.300E+00	2.072E+00	6.640E+01	5.879E+01	1.095E+00
4.500E+03	1.995E-06	2.331E+02	8.544E+01	5.413E+00	2.129E+00	1.012E+02	8.861E+01	1.087E+00
4.600E+03	1.878E-06	2.773E+02	8.810E+01	5.574E+00	2.215E+00	1.406E+02	1.209E+02	1.084E+00
4.700E+03	1.748E-06	3.353E+02	9.150E+01	5.775E+00	2.328E+00	1.739E+02	1.473E+02	1.084E+00
4.800E+03	1.620E-06	4.024E+02	9.536E+01	6.004E+00	2.460E+00	1.894E+02	1.592E+02	1.085E+00
4.900E+03	1.504E-06	4.710E+02	9.923E+01	6.238E+00	2.595E+00	1.814E+02	1.529E+02	1.088E+00
5.000E+03	1.409E-06	5.330E+02	1.026E+02	6.461E+00	2.716E+00	1.550E+02	1.319E+02	1.093E+00
5.100E+03	1.333E-06	5.837E+02	1.054E+02	6.663E+00	2.814E+00	1.216E+02	1.045E+02	1.100E+00
5.200E+03	1.274E-06	6.225E+02	1.074E+02	6.846E+00	2.887E+00	9.120E+01	7.880E+01	1.109E+00
5.300E+03	1.228E-06	6.514E+02	1.090E+02	7.012E+00	2.940E+00	6.824E+01	5.897E+01	1.122E+00
5.400E+03	1.190E-06	6.734E+02	1.101E+02	7.168E+00	2.978E+00	5.305E+01	4.562E+01	1.136E+00
5.500E+03	1.157E-06	6.910E+02	1.110E+02	7.311E+00	3.007E+00	4.415E+01	3.771E+01	1.149E+00
5.600E+03	1.127E-06	7.063E+02	1.117E+02	7.436E+00	3.031E+00	3.983E+01	3.583E+01	1.158E+00
5.700E+03	1.099E-06	7.206E+02	1.124E+02	7.540E+00	3.053E+00	3.872E+01	3.282E+01	1.161E+00
5.800E+03	1.073E-06	7.349E+02	1.131E+02	7.628E+00	3.075E+00	3.987E+01	3.381E+01	1.160E+00
5.900E+03	1.047E-06	7.500E+02	1.138E+02	7.709E+00	3.098E+00	4.266E+01	3.623E+01	1.156E+00
6.000E+03	1.021E-06	7.663E+02	1.145E+02	7.788E+00	3.123E+00	4.666E+01	3.971E+01	1.151E+00

P/PO = 8.00E-05

T	RHO/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E-04	-1.718E+02	3.095E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E-04	-1.705E+02	3.347E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E-05	-1.690E+02	3.516E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.465E-05	-1.672E+02	3.652E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E-05	-1.653E+02	3.767E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E-05	-1.633E+02	3.868E+01	1.431E+00	1.000E+00	5.666E+00	4.666E+00	1.213E+00
7.000E+02	3.123E-05	-1.612E+02	3.958E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E-05	-1.590E+02	4.039E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E-05	-1.567E+02	4.112E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E-05	-1.543E+02	4.180E+01	1.823E+00	1.000E+00	6.513E+00	5.513E+00	1.181E+00
1.100E+03	1.987E-05	-1.519E+02	4.243E+01	1.908E+00	1.000E+00	6.659E+00	5.658E+00	1.177E+00
1.200E+03	1.822E-05	-1.494E+02	4.302E+01	1.989E+00	1.000E+00	6.847E+00	5.843E+00	1.172E+00
1.300E+03	1.681E-05	-1.469E+02	4.358E+01	2.063E+00	1.000E+00	7.209E+00	6.194E+00	1.164E+00
1.400E+03	1.559E-05	-1.441E+02	4.414E+01	2.129E+00	1.001E+00	8.025E+00	6.978E+00	1.150E+00
1.500E+03	1.451E-05	-1.409E+02	4.474E+01	2.187E+00	1.004E+00	9.806E+00	8.673E+00	1.129E+00
1.600E+03	1.352E-05	-1.367E+02	4.548E+01	2.244E+00	1.011E+00	1.334E+01	1.201E+01	1.107E+00
1.700E+03	1.255E-05	-1.308E+02	4.646E+01	2.310E+00	1.024E+00	1.968E+01	1.793E+01	1.089E+00
1.800E+03	1.156E-05	-1.218E+02	4.785E+01	2.395E+00	1.053E+00	2.995E+01	2.734E+01	1.078E+00
1.900E+03	1.051E-05	-1.083E+02	4.985E+01	2.506E+00	1.095E+00	4.479E+01	4.059E+01	1.073E+00
2.000E+03	9.374E-06	-8.852E+01	5.261E+01	2.652E+00	1.166E+00	6.350E+01	5.670E+01	1.072E+00
2.100E+03	8.214E-06	-6.163E+01	5.619E+01	2.836E+00	1.267E+00	8.324E+01	7.296E+01	1.074E+00

Table I. - Continued.

T	RHO/RHO-0	H/RTD	S/R	A/A0	Z	CP/R	CV/R	GAMMA
2.200E+03	7.107E-06	-2.799E+01	6.046E+01	3.054E+00	1.398E+00	9.955E+01	8.575E+01	1.078E+00
2.300E+03	6.130E-06	1.023E+01	6.510E+01	3.296E+00	1.550E+00	1.073E+02	9.131E+01	1.083E+00
2.400E+03	5.341E-06	4.864E+01	6.957E+01	3.543E+00	1.705E+00	9.945E+01	8.457E+01	1.090E+00
2.500E+03	4.767E-06	8.083E+01	7.316E+01	3.769E+00	1.834E+00	7.421E+01	6.368E+01	1.101E+00
2.600E+03	4.384E-06	1.025E+02	7.549E+01	3.965E+00	1.918E+00	4.508E+01	3.888E+01	1.121E+00
2.700E+03	4.127E-06	1.151E+02	7.678E+01	4.152E+00	1.962E+00	2.534E+01	2.153E+01	1.157E+00
2.800E+03	3.939E-06	1.223E+02	7.750E+01	4.349E+00	1.982E+00	1.532E+01	1.254E+01	1.211E+00
2.900E+03	3.785E-06	1.269E+02	7.795E+01	4.549E+00	1.992E+00	1.077E+01	8.421E+00	1.274E+00
3.000E+03	3.651E-06	1.305E+02	7.827E+01	4.725E+00	1.996E+00	8.762E+00	6.596E+00	1.326E+00
3.100E+03	3.530E-06	1.335E+02	7.855E+01	4.866E+00	1.998E+00	7.860E+00	5.772E+00	1.359E+00
3.200E+03	3.418E-06	1.363E+02	7.879E+01	4.978E+00	1.999E+00	7.445E+00	5.403E+00	1.377E+00
3.300E+03	3.313E-06	1.390E+02	7.901E+01	5.073E+00	1.999E+00	7.253E+00	5.230E+00	1.386E+00
3.400E+03	3.216E-06	1.416E+02	7.923E+01	5.156E+00	2.000E+00	7.170E+00	5.156E+00	1.390E+00
3.500E+03	3.123E-06	1.442E+02	7.944E+01	5.232E+00	2.000E+00	7.154E+00	5.145E+00	1.390E+00
3.600E+03	3.036E-06	1.468E+02	7.964E+01	5.299E+00	2.000E+00	7.210E+00	5.199E+00	1.387E+00
3.700E+03	2.954E-06	1.495E+02	7.984E+01	5.352E+00	2.000E+00	7.387E+00	5.367E+00	1.376E+00
3.800E+03	2.876E-06	1.523E+02	8.004E+01	5.380E+00	2.001E+00	7.818E+00	5.774E+00	1.354E+00
3.900E+03	2.801E-06	1.553E+02	8.025E+01	5.370E+00	2.001E+00	8.784E+00	6.682E+00	1.314E+00
4.000E+03	2.728E-06	1.588E+02	8.050E+01	5.323E+00	2.003E+00	1.084E+01	8.609E+00	1.257E+00
4.100E+03	2.656E-06	1.635E+02	8.081E+01	5.264E+00	2.008E+00	1.501E+01	1.249E+01	1.197E+00
4.200E+03	2.582E-06	1.703E+02	8.126E+01	5.230E+00	2.016E+00	2.299E+01	1.987E+01	1.148E+00
4.300E+03	2.501E-06	1.811E+02	8.195E+01	5.239E+00	2.033E+00	3.722E+01	3.284E+01	1.116E+00
4.400E+03	2.407E-06	1.986E+02	8.305E+01	5.296E+00	2.064E+00	6.024E+01	5.336E+01	1.098E+00
4.500E+03	2.297E-06	2.264E+02	8.476E+01	5.400E+00	2.115E+00	9.280E+01	8.145E+01	1.089E+00
4.600E+03	2.166E-06	2.673E+02	8.721E+01	5.550E+00	2.194E+00	1.312E+02	1.133E+02	1.085E+00
4.700E+03	2.022E-06	3.221E+02	9.043E+01	5.742E+00	2.301E+00	1.662E+02	1.412E+02	1.084E+00
4.800E+03	1.875E-06	3.872E+02	9.417E+01	5.965E+00	2.429E+00	1.862E+02	1.566E+02	1.085E+00
4.900E+03	1.740E-06	4.556E+02	9.802E+01	6.199E+00	2.563E+00	1.837E+02	1.546E+02	1.088E+00
5.000E+03	1.627E-06	5.192E+02	1.015E+02	6.425E+00	2.688E+00	1.613E+02	1.368E+02	1.092E+00
5.100E+03	1.536E-06	5.725E+02	1.044E+02	6.631E+00	2.791E+00	1.292E+02	1.106E+02	1.078E+00
5.200E+03	1.465E-06	6.139E+02	1.066E+02	6.817E+00	2.870E+00	9.789E+01	8.445E+01	1.107E+00
5.300E+03	1.409E-06	6.450E+02	1.082E+02	6.987E+00	2.927E+00	7.322E+01	6.327E+01	1.119E+00
5.400E+03	1.364E-06	6.685E+02	1.094E+02	7.146E+00	2.968E+00	5.629E+01	4.846E+01	1.133E+00
5.500E+03	1.325E-06	6.870E+02	1.104E+02	7.293E+00	2.999E+00	4.595E+01	3.930E+01	1.146E+00
5.600E+03	1.291E-06	7.027E+02	1.111E+02	7.423E+00	3.024E+00	4.053E+01	3.445E+01	1.156E+00
5.700E+03	1.259E-06	7.171E+02	1.118E+02	7.533E+00	3.047E+00	3.859E+01	3.269E+01	1.161E+00
5.800E+03	1.229E-06	7.313E+02	1.125E+02	7.625E+00	3.068E+00	3.909E+01	3.310E+01	1.162E+00
5.900E+03	1.199E-06	7.460E+02	1.132E+02	7.707E+00	3.090E+00	4.135E+01	3.507E+01	1.158E+00
6.000E+03	1.170E-06	7.617E+02	1.139E+02	7.786E+00	3.114E+00	4.490E+01	3.816E+01	1.153E+00
6.100E+03	1.141E-06	7.790E+02	1.147E+02	7.857E+00	3.141E+00	4.944E+01	4.209E+01	1.148E+00
6.200E+03	1.112E-06	7.980E+02	1.155E+02	7.922E+00	3.171E+00	5.475E+01	4.665E+01	1.143E+00
6.300E+03	1.083E-06	8.191E+02	1.165E+02	8.044E+00	3.204E+00	6.061E+01	5.165E+01	1.139E+00
6.400E+03	1.054E-06	8.423E+02	1.175E+02	8.143E+00	3.242E+00	6.685E+01	5.691E+01	1.136E+00
6.500E+03	1.024E-06	8.681E+02	1.185E+02	8.249E+00	3.284E+00	7.326E+01	6.225E+01	1.133E+00

P/P0 = 9.00E-05

T	RHO/RHO-0	H/RTD	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E-04	-1.718E+02	3.083E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E-04	-1.705E+02	3.335E+01	6.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E-05	-1.590E+02	3.504E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E-05	-1.672E+02	3.640E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E-05	-1.653E+02	3.755E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E-05	-1.633E+02	3.856E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E-05	-1.612E+02	3.946E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E-05	-1.590E+02	4.027E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E-05	-1.567E+02	4.101E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E-05	-1.543E+02	4.168E+01	1.823E+00	1.000E+00	6.513E+00	5.513E+00	1.181E+00
1.100E+03	2.236E-05	-1.519E+02	4.231E+01	1.908E+00	1.000E+00	6.658E+00	5.658E+00	1.177E+00
1.200E+03	2.049E-05	-1.494E+02	4.290E+01	1.989E+00	1.000E+00	6.843E+00	5.839E+00	1.172E+00
1.300E+03	1.891E-05	-1.469E+02	4.346E+01	2.064E+00	1.000E+00	7.194E+00	6.180E+00	1.164E+00
1.400E+03	1.754E-05	-1.441E+02	4.402E+01	2.130E+00	1.001E+00	7.982E+00	6.936E+00	1.150E+00
1.500E+03	1.633E-05	-1.409E+02	4.462E+01	2.188E+00	1.004E+00	9.697E+00	8.569E+00	1.130E+00
1.600E+03	1.521E-05	-1.368E+02	4.534E+01	2.245E+00	1.010E+00	1.310E+01	1.178E+01	1.108E+00
1.700E+03	1.414E-05	-1.310E+02	4.630E+01	2.310E+00	1.023E+00	1.920E+01	1.749E+01	1.090E+00
1.800E+03	1.303E-05	-1.223E+02	4.766E+01	2.393E+00	1.048E+00	2.910E+01	2.657E+01	1.079E+00
1.900E+03	1.186E-05	-1.091E+02	4.960E+01	2.503E+00	1.092E+00	4.345E+01	3.940E+01	1.074E+00
2.000E+03	1.060E-05	-8.997E+01	5.228E+01	2.646E+00	1.160E+00	6.166E+01	5.512E+01	1.072E+00
2.100E+03	9.308E-06	-6.382E+01	5.576E+01	2.825E+00	1.258E+00	8.111E+01	7.118E+01	1.074E+00
2.200E+03	8.068E-06	-3.093E+01	5.993E+01	3.040E+00	1.386E+00	9.754E+01	8.411E+01	1.078E+00
2.300E+03	6.966E-06	6.653E+00	6.450E+01	3.279E+00	1.535E+00	1.061E+02	9.036E+01	1.083E+00
2.400E+03	6.066E-06	4.498E+01	6.895E+01	3.525E+00	1.689E+00	1.003E+02	8.521E+01	1.090E+00
2.500E+03	5.401E-06	7.788E+01	7.262E+01	3.754E+00	1.822E+00	7.703E+01	6.599E+01	1.100E+00
2.600E+03	4.953E-06	1.007E+02	7.507E+01	3.952E+00	1.910E+00	4.798E+01	4.137E+01	1.118E+00
2.700E+03	4.653E-06	1.141E+02	7.645E+01	4.138E+00	1.958E+00	2.718E+01	2.316E+01	1.151E+00
2.800E+03	4.436E-06	1.218E+02	7.722E+01	4.333E+00	1.980E+00	1.626E+01	1.338E+01	1.204E+00
2.900E+03	4.260E-06	1.267E+02	7.769E+01	4.533E+00	1.991E+00	1.122E+01	8.829E+00	1.265E+00
3.000E+03	4.109E-06	1.303E+02	7.803E+01	4.713E+00	1.995E+00	8.978E+00	6.791E+00	1.319E+00
3.100E+03	3.972E-06	1.334E+02	7.830E+01	4.858E+00	1.998E+00	7.966E+00	5.873E+00	1.355E+00
3.200E+03	3.845E-06	1.362E+02	7.855E+01	4.973E+00	1.999E+00	7.499E+00	5.451E+00	1.375E+00
3.300E+03	3.728E-06	1.389E+02	7.878E+01	5.070E+00	1.999E+00	7.280E+00	5.255E+00	1.385E+00



Table I. - Continued.

T	PHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
3.400E+03	3.618E-06	1.416E+02	7.899E+01	5.155E+00	2.000E+00	7.183E+00	5.168E+00	1.390E+00
3.500E+03	3.514E-06	1.442E+02	7.920E+01	5.232E+00	2.000E+00	7.158E+00	5.148E+00	1.390E+00
3.600E+03	3.416E-06	1.468E+02	7.940E+01	5.300E+00	2.000E+00	7.201E+00	5.191E+00	1.387E+00
3.700E+03	3.323E-06	1.495E+02	7.960E+01	5.356E+00	2.000E+00	7.356E+00	5.338E+00	1.378E+00
3.800E+03	3.235E-06	1.523E+02	7.980E+01	5.388E+00	2.000E+00	7.738E+00	5.649E+00	1.357E+00
3.900E+03	3.151E-06	1.552E+02	8.001E+01	5.384E+00	2.001E+00	8.598E+00	6.507E+00	1.320E+00
4.000E+03	3.070E-06	1.587E+02	8.025E+01	5.342E+00	2.003E+00	1.043E+01	8.224E+00	1.266E+00
4.100E+03	2.989E-06	1.631E+02	8.055E+01	5.284E+00	2.007E+00	1.415E+01	1.169E+01	1.206E+00
4.200E+03	2.907E-06	1.694E+02	8.097E+01	5.244E+00	2.015E+00	2.130E+01	1.831E+01	1.155E+00
4.300E+03	2.818E-06	1.794E+02	8.160E+01	5.245E+00	2.030E+00	3.416E+01	3.006E+01	1.121E+00
4.400E+03	2.717E-06	1.955E+02	8.261E+01	5.294E+00	2.057E+00	5.524E+01	4.893E+01	1.101E+00
4.500E+03	2.597E-06	2.210E+02	8.418E+01	5.390E+00	2.104E+00	8.576E+01	7.542E+01	1.090E+00
4.600E+03	2.456E-06	2.591E+02	8.647E+01	5.531E+00	2.177E+00	1.230E+02	1.065E+02	1.086E+00
4.700E+03	2.297E-06	3.109E+02	8.951E+01	5.715E+00	2.278E+00	1.590E+02	1.354E+02	1.084E+00
4.800E+03	2.133E-06	3.740E+02	9.313E+01	5.932E+00	2.402E+00	1.824E+02	1.536E+02	1.085E+00
4.900E+03	1.980E-06	4.419E+02	9.696E+01	6.164E+00	2.535E+00	1.847E+02	1.552E+02	1.087E+00
5.000E+03	1.848E-06	5.066E+02	1.005E+02	6.392E+00	2.662E+00	1.661E+02	1.405E+02	1.091E+00
5.100E+03	1.741E-06	5.621E+02	1.035E+02	6.602E+00	2.770E+00	1.357E+02	1.159E+02	1.097E+00
5.200E+03	1.658E-06	6.059E+02	1.059E+02	6.792E+00	2.853E+00	1.040E+02	8.959E+01	1.105E+00
5.300E+03	1.592E-06	6.389E+02	1.076E+02	6.964E+00	2.914E+00	7.799E+01	6.736E+01	1.116E+00
5.400E+03	1.539E-06	6.639E+02	1.089E+02	7.126E+00	2.959E+00	5.952E+01	5.127E+01	1.130E+00
5.500E+03	1.495E-06	6.834E+02	1.098E+02	7.276E+00	2.992E+00	4.785E+01	4.097E+01	1.144E+00
5.600E+03	1.455E-06	6.996E+02	1.106E+02	7.410E+00	3.018E+00	4.139E+01	3.521E+01	1.155E+00
5.700E+03	1.419E-06	7.141E+02	1.113E+02	7.525E+00	3.041E+00	3.866E+01	3.275E+01	1.161E+00
5.800E+03	1.385E-06	7.282E+02	1.120E+02	7.621E+00	3.062E+00	3.856E+01	3.263E+01	1.163E+00
5.900E+03	1.352E-06	7.426E+02	1.127E+02	7.706E+00	3.084E+00	4.033E+01	3.417E+01	1.160E+00
6.000E+03	1.319E-06	7.579E+02	1.134E+02	7.795E+00	3.107E+00	4.348E+01	3.691E+01	1.156E+00
6.100E+03	1.287E-06	7.746E+02	1.141E+02	7.864E+00	3.133E+00	4.767E+01	4.054E+01	1.151E+00
6.200E+03	1.255E-06	7.929E+02	1.149E+02	7.948E+00	3.161E+00	5.267E+01	4.484E+01	1.146E+00
6.300E+03	1.223E-06	8.132E+02	1.158E+02	8.037E+00	3.193E+00	5.827E+01	4.962E+01	1.141E+00
6.400E+03	1.190E-06	8.356E+02	1.168E+02	8.133E+00	3.229E+00	6.430E+01	5.472E+01	1.138E+00
6.500E+03	1.157E-06	8.603E+02	1.178E+02	8.237E+00	3.269E+00	7.056E+01	5.996E+01	1.135E+00
6.600E+03	1.125E-06	8.873E+02	1.190E+02	8.347E+00	3.313E+00	7.684E+01	6.516E+01	1.133E+00
6.700E+03	1.092E-06	9.165E+02	1.202E+02	8.465E+00	3.361E+00	8.290E+01	7.013E+01	1.131E+00
6.800E+03	1.060E-06	9.479E+02	1.214E+02	8.589E+00	3.413E+00	8.853E+01	7.469E+01	1.130E+00
6.900E+03	1.028E-06	9.813E+02	1.228E+02	8.719E+00	3.467E+00	9.351E+01	7.870E+01	1.130E+00

P/P0 = 1.00E-04

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E-04	-1.718E+02	3.073E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E-04	-1.705E+02	3.325E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E-05	-1.690E+02	3.494E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E-05	-1.672E+02	3.630E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E-05	-1.653E+02	3.745E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E-05	-1.633E+02	3.846E+01	1.431E+00	1.000E+00	5.676E+00	4.686E+00	1.213E+00
7.000E+02	3.904E-05	-1.612E+02	3.935E+01	1.538E+00	1.000E+00	5.952E+00	4.953E+00	1.202E+00
8.000E+02	3.416E-05	-1.590E+02	4.016E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E-05	-1.567E+02	4.090E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E-05	-1.543E+02	4.158E+01	1.823E+00	1.000E+00	6.513E+00	5.513E+00	1.181E+00
1.100E+03	2.484E-05	-1.519E+02	4.221E+01	1.908E+00	1.000E+00	6.657E+00	5.657E+00	1.177E+00
1.200E+03	2.277E-05	-1.494E+02	4.279E+01	1.989E+00	1.000E+00	6.839E+00	5.836E+00	1.172E+00
1.300E+03	2.101E-05	-1.469E+02	4.335E+01	2.064E+00	1.000E+00	7.182E+00	6.186E+00	1.164E+00
1.400E+03	1.949E-05	-1.441E+02	4.391E+01	2.130E+00	1.001E+00	7.945E+00	6.901E+00	1.151E+00
1.500E+03	1.815E-05	-1.409E+02	4.451E+01	2.189E+00	1.004E+00	9.603E+00	8.480E+00	1.131E+00
1.600E+03	1.691E-05	-1.369E+02	4.522E+01	2.245E+00	1.010E+00	1.289E+01	1.159E+01	1.109E+00
1.700E+03	1.572E-05	-1.312E+02	4.616E+01	2.310E+00	1.025E+00	1.879E+01	1.710E+01	1.091E+00
1.800E+03	1.450E-05	-1.227E+02	4.749E+01	2.392E+00	1.047E+00	2.836E+01	2.589E+01	1.080E+00
1.900E+03	1.321E-05	-1.099E+02	4.937E+01	2.500E+00	1.089E+00	4.229E+01	3.836E+01	1.074E+00
2.000E+03	1.183E-05	-9.123E+01	5.198E+01	2.640E+00	1.155E+00	6.006E+01	5.373E+01	1.073E+00
2.100E+03	1.041E-05	-6.572E+01	5.538E+01	2.817E+00	1.250E+00	7.922E+01	6.961E+01	1.074E+00
2.200E+03	9.036E-06	-3.354E+01	5.946E+01	3.028E+00	1.375E+00	9.573E+01	8.264E+01	1.078E+00
2.300E+03	7.809E-06	3.495E+00	6.396E+01	3.265E+00	1.522E+00	1.050E+02	8.944E+01	1.083E+00
2.400E+03	6.797E-06	4.168E+01	6.840E+01	3.510E+00	1.675E+00	1.008E+02	8.560E+01	1.089E+00
2.500E+03	6.041E-06	7.513E+01	7.213E+01	3.740E+00	1.810E+00	7.940E+01	6.792E+01	1.099E+00
2.600E+03	5.525E-06	9.889E+01	7.468E+01	3.940E+00	1.902E+00	5.062E+01	4.362E+01	1.116E+00
2.700E+03	5.181E-06	1.131E+02	7.615E+01	4.125E+00	1.953E+00	2.893E+01	2.470E+01	1.147E+00
2.800E+03	4.934E-06	1.213E+02	7.597E+01	4.318E+00	1.978E+00	1.718E+01	1.420E+01	1.197E+00
2.900E+03	4.736E-06	1.265E+02	7.746E+01	4.518E+00	1.990E+00	1.167E+01	9.231E+00	1.258E+00
3.000E+03	4.566E-06	1.302E+02	7.781E+01	4.701E+00	1.995E+00	9.192E+00	6.986E+00	1.313E+00
3.100E+03	4.413E-06	1.334E+02	7.809E+01	4.850E+00	1.957E+00	8.071E+00	5.969E+00	1.350E+00
3.200E+03	4.273E-06	1.367E+02	7.834E+01	4.969E+00	1.999E+00	7.552E+00	5.499E+00	1.372E+00
3.300E+03	4.142E-06	1.389E+02	7.856E+01	5.067E+00	1.999E+00	7.308E+00	5.279E+00	1.384E+00
3.400E+03	4.020E-06	1.416E+02	7.878E+01	5.154E+00	2.000E+00	7.197E+00	5.181E+00	1.389E+00
3.500E+03	3.904E-06	1.442E+02	7.899E+01	5.232E+00	2.000E+00	7.163E+00	5.152E+00	1.390E+00
3.600E+03	3.796E-06	1.468E+02	7.919E+01	5.301E+00	2.000E+00	7.196E+00	5.185E+00	1.388E+00
3.700E+03	3.693E-06	1.495E+02	7.939E+01	5.358E+00	2.000E+00	7.333E+00	5.316E+00	1.379E+00
3.800E+03	3.595E-06	1.522E+02	7.959E+01	5.394E+00	2.000E+00	7.675E+00	5.640E+00	1.361E+00
3.900E+03	3.501E-06	1.552E+02	7.980E+01	5.396E+00	2.001E+00	8.449E+00	6.367E+00	1.326E+00
4.000E+03	3.411E-06	1.585E+02	8.005E+01	5.359E+00	2.003E+00	1.010E+01	7.915E+00	1.274E+00
4.100E+03	3.322E-06	1.628E+02	8.032E+01	5.301E+00	2.006E+00	1.346E+01	1.105E+01	1.215E+00



Table 1. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
4.200E+03	3.232E-06	1.688E+02	8.071E+01	5.257E+00	2.013E+00	1.994E+01	1.705E+01	1.162E+00
4.300E+03	3.136E-06	1.780E+02	8.130E+01	5.252E+00	2.027E+00	3.166E+01	2.778E+01	1.125E+00
4.400E+03	3.027E-06	1.929E+02	8.224E+01	5.294E+00	2.052E+00	5.110E+01	4.525E+01	1.104E+00
4.500E+03	2.898E-06	2.166E+02	8.369E+01	5.382E+00	2.095E+00	7.979E+01	7.027E+01	1.092E+00
4.600E+03	2.746E-06	2.522E+02	8.583E+01	5.515E+00	2.163E+00	1.159E+02	1.006E+02	1.087E+00
4.700E+03	2.574E-06	3.013E+02	8.872E+01	5.692E+00	2.259E+00	1.523E+02	1.300E+02	1.083E+00
4.800E+03	2.394E-06	3.623E+02	9.223E+01	5.903E+00	2.378E+00	1.783E+02	1.503E+02	1.085E+00
4.900E+03	2.222E-06	4.296E+02	9.601E+01	6.133E+00	2.510E+00	1.847E+02	1.551E+02	1.087E+00
5.000E+03	2.071E-06	4.951E+02	9.962E+01	6.361E+00	2.639E+00	1.699E+02	1.434E+02	1.091E+00
5.100E+03	1.949E-06	5.523E+02	1.027E+02	6.575E+00	2.750E+00	1.413E+02	1.204E+02	1.096E+00
5.200E+03	1.852E-06	5.982E+02	1.052E+02	6.768E+00	2.837E+00	1.097E+02	9.427E+01	1.104E+00
5.300E+03	1.776E-06	6.331E+02	1.070E+02	6.944E+00	2.903E+00	8.253E+01	7.124E+01	1.114E+00
5.400E+03	1.715E-06	6.595E+02	1.083E+02	7.107E+00	2.950E+00	6.269E+01	5.403E+01	1.127E+00
5.500E+03	1.664E-06	6.799E+02	1.093E+02	7.259E+00	2.985E+00	4.980E+01	4.268E+01	1.141E+00
5.600E+03	1.620E-06	6.966E+02	1.102E+02	7.397E+00	3.012E+00	4.237E+01	3.607E+01	1.153E+00
5.700E+03	1.579E-06	7.114E+02	1.109E+02	7.517E+00	3.036E+00	3.890E+01	3.295E+01	1.161E+00
5.800E+03	1.541E-06	7.254E+02	1.115E+02	7.617E+00	3.057E+00	3.823E+01	3.233E+01	1.163E+00
5.900E+03	1.505E-06	7.396E+02	1.122E+02	7.704E+00	3.078E+00	3.955E+01	3.346E+01	1.162E+00
6.000E+03	1.469E-06	7.546E+02	1.129E+02	7.784E+00	3.101E+00	4.232E+01	3.588E+01	1.158E+00
6.100E+03	1.433E-06	7.707E+02	1.136E+02	7.862E+00	3.126E+00	4.619E+01	3.924E+01	1.153E+00
6.200E+03	1.398E-06	7.885E+02	1.144E+02	7.944E+00	3.153E+00	5.090E+01	4.330E+01	1.148E+00
6.300E+03	1.362E-06	8.081E+02	1.153E+02	8.031E+00	3.184E+00	5.626E+01	4.788E+01	1.143E+00
6.400E+03	1.327E-06	8.298E+02	1.162E+02	8.125E+00	3.218E+00	6.209E+01	5.262E+01	1.139E+00
6.500E+03	1.291E-06	8.536E+02	1.172E+02	8.226E+00	3.257E+00	6.820E+01	5.795E+01	1.136E+00
6.600E+03	1.255E-06	8.797E+02	1.183E+02	8.334E+00	3.299E+00	7.439E+01	6.309E+01	1.134E+00
6.700E+03	1.219E-06	9.081E+02	1.195E+02	8.449E+00	3.345E+00	8.045E+01	6.807E+01	1.132E+00
6.800E+03	1.184E-06	9.386E+02	1.207E+02	8.571E+00	3.395E+00	8.616E+01	7.272E+01	1.131E+00
6.900E+03	1.148E-06	9.711E+02	1.220E+02	8.699E+00	3.449E+00	9.132E+01	7.687E+01	1.130E+00
7.000E+03	1.114E-06	1.005E+03	1.233E+02	8.831E+00	3.505E+00	9.575E+01	8.042E+01	1.130E+00
7.100E+03	1.080E-06	1.041E+03	1.247E+02	8.968E+00	3.563E+00	9.941E+01	8.333E+01	1.130E+00
7.200E+03	1.047E-06	1.078E+03	1.261E+02	9.107E+00	3.623E+00	1.024E+02	8.567E+01	1.130E+00
7.300E+03	1.016E-06	1.116E+03	1.276E+02	9.247E+00	3.685E+00	1.048E+02	8.763E+01	1.130E+00

P/P0 = 2.00E-04

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E-04	-1.718E+02	3.003E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E-04	-1.705E+02	3.256E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E-04	-1.690E+02	3.425E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E-04	-1.672E+02	3.560E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.250E+00
5.000E+02	1.093E-04	-1.653E+02	3.676E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E-05	-1.633E+02	3.776E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E-05	-1.612E+02	3.866E+01	1.538E+00	1.000E+00	5.933E+00	4.933E+00	1.202E+00
8.000E+02	6.832E-05	-1.590E+02	3.947E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E-05	-1.567E+02	4.021E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E-05	-1.543E+02	4.089E+01	1.823E+00	1.000E+00	6.512E+00	5.512E+00	1.181E+00
1.100E+03	4.968E-05	-1.519E+02	4.151E+01	1.908E+00	1.000E+00	6.653E+00	5.653E+00	1.177E+00
1.200E+03	4.554E-05	-1.494E+02	4.210E+01	1.989E+00	1.000E+00	6.819E+00	5.819E+00	1.172E+00
1.300E+03	4.203E-05	-1.469E+02	4.265E+01	2.065E+00	1.000E+00	7.110E+00	6.099E+00	1.166E+00
1.400E+03	3.900E-05	-1.442E+02	4.320E+01	2.133E+00	1.001E+00	7.731E+00	6.696E+00	1.154E+00
1.500E+03	3.632E-05	-1.411E+02	4.377E+01	2.193E+00	1.003E+00	9.060E+00	7.963E+00	1.137E+00
1.600E+03	3.389E-05	-1.374E+02	4.443E+01	2.250E+00	1.008E+00	1.168E+01	1.044E+01	1.116E+00
1.700E+03	3.158E-05	-1.323E+02	4.527E+01	2.311E+00	1.018E+00	1.640E+01	1.486E+01	1.097E+00
1.800E+03	2.927E-05	-1.250E+02	4.641E+01	2.386E+00	1.037E+00	2.409E+01	2.196E+01	1.084E+00
1.900E+03	2.686E-05	-1.142E+02	4.800E+01	2.483E+00	1.071E+00	3.546E+01	3.223E+01	1.077E+00
2.000E+03	2.430E-05	-9.861E+01	5.019E+01	2.607E+00	1.124E+00	5.044E+01	4.535E+01	1.074E+00
2.100E+03	2.163E-05	-7.703E+01	5.306E+01	2.764E+00	1.203E+00	6.756E+01	5.977E+01	1.075E+00
2.200E+03	1.899E-05	-6.924E+01	5.659E+01	2.954E+00	1.308E+00	8.385E+01	7.290E+01	1.078E+00
2.300E+03	1.653E-05	-1.616E+01	6.060E+01	3.172E+00	1.438E+00	9.505E+01	8.208E+01	1.082E+00
2.400E+03	1.440E-05	-1.997E+01	6.480E+01	3.407E+00	1.581E+00	9.973E+01	8.460E+01	1.087E+00
2.500E+03	1.269E-05	5.524E+01	6.873E+01	3.642E+00	1.723E+00	9.043E+01	7.672E+01	1.095E+00
2.600E+03	1.143E-05	8.450E+01	7.187E+01	3.857E+00	1.839E+00	6.785E+01	5.802E+01	1.106E+00
2.700E+03	1.056E-05	1.046E+02	7.395E+01	4.047E+00	1.916E+00	4.287E+01	3.680E+01	1.125E+00
2.800E+03	9.966E-06	1.169E+02	7.517E+01	4.228E+00	1.959E+00	2.537E+01	2.148E+01	1.159E+00
2.900E+03	9.520E-06	1.242E+02	7.587E+01	4.418E+00	1.980E+00	1.588E+01	1.301E+01	1.209E+00
3.000E+03	9.156E-06	1.291E+02	7.632E+01	4.610E+00	1.990E+00	1.128E+01	8.866E+00	1.266E+00
3.100E+03	8.839E-06	1.328E+02	7.665E+01	4.784E+00	1.995E+00	9.111E+00	6.906E+00	1.316E+00
3.200E+03	8.552E-06	1.359E+02	7.692E+01	4.927E+00	1.997E+00	8.083E+00	5.977E+00	1.350E+00
3.300E+03	8.287E-06	1.387E+02	7.716E+01	5.043E+00	1.998E+00	7.586E+00	5.529E+00	1.371E+00
3.400E+03	8.041E-06	1.415E+02	7.739E+01	5.140E+00	1.999E+00	7.343E+00	5.311E+00	1.382E+00
3.500E+03	7.810E-06	1.441E+02	7.760E+01	5.225E+00	1.999E+00	7.231E+00	5.211E+00	1.387E+00
3.600E+03	7.592E-06	1.468E+02	7.780E+01	5.302E+00	2.000E+00	7.198E+00	5.185E+00	1.388E+00
3.700E+03	7.386E-06	1.494E+02	7.800E+01	5.369E+00	2.000E+00	7.242E+00	5.228E+00	1.385E+00
3.800E+03	7.191E-06	1.521E+02	7.819E+01	5.423E+00	2.000E+00	7.401E+00	5.380E+00	1.375E+00
3.900E+03	7.005E-06	1.549E+02	7.839E+01	5.454E+00	2.001E+00	7.784E+00	5.741E+00	1.355E+00
4.000E+03	6.827E-06	1.578E+02	7.860E+01	5.452E+00	2.001E+00	8.614E+00	6.520E+00	1.320E+00
4.100E+03	6.655E-06	1.613E+02	7.883E+01	5.416E+00	2.003E+00	1.032E+01	8.113E+00	1.270E+00
4.200E+03	6.485E-06	1.656E+02	7.911E+01	5.362E+00	2.007E+00	1.365E+01	1.122E+01	1.213E+00
4.300E+03	6.312E-06	1.716E+02	7.950E+01	5.323E+00	2.014E+00	1.987E+01	1.697E+01	1.163E+00
4.400E+03	6.128E-06	1.807E+02	8.007E+01	5.321E+00	2.027E+00	3.078E+01	2.694E+01	1.128E+00
4.500E+03	5.922E-06	1.950E+02	8.094E+01	5.361E+00	2.051E+00	4.844E+01	4.277E+01	1.107E+00

Table I. - Continued.

	RHO/RHO-0	H/RT0	S/R	A/A0	Z	P/R	CV/R	GAMMA
4.600E+03	5.682E-06	2.172E+02	8.228E+01	5.444E+00	2.091E+00	7.410E+01	6.517E+01	1.095E+00
4.700E+03	5.401E-06	2.501E+02	8.421E+01	5.569E+00	2.153E+00	7.064E+02	9.238E+01	1.089E+00
4.800E+03	5.082E-06	2.953E+02	8.680E+01	5.735E+00	2.240E+00	1.400E+02	1.196E+02	1.087E+00
4.900E+03	4.743E-06	3.517E+02	8.998E+01	5.935E+00	2.351E+00	1.642E+02	1.401E+02	1.087E+00
5.000E+03	4.417E-06	4.150E+02	9.348E+01	6.156E+00	2.475E+00	1.766E+02	1.480E+02	1.089E+00
5.100E+03	4.123E-06	4.787E+02	9.692E+01	6.381E+00	2.599E+00	1.683E+02	1.414E+02	1.092E+00
5.200E+03	3.876E-06	5.555E+02	9.999E+01	6.595E+00	2.712E+00	1.456E+02	1.233E+02	1.097E+00
5.300E+03	3.678E-06	5.846E+02	1.025E+02	6.791E+00	2.804E+00	1.170E+02	1.000E+02	1.103E+00
5.400E+03	3.520E-06	6.224E+02	1.044E+02	6.970E+00	2.875E+00	9.025E+01	7.755E+01	1.112E+00
5.500E+03	3.394E-06	6.514E+02	1.059E+02	7.135E+00	2.928E+00	8.909E+01	5.942E+01	1.124E+00
5.600E+03	3.290E-06	6.738E+02	1.070E+02	7.290E+00	2.967E+00	5.426E+01	4.648E+01	1.137E+00
5.700E+03	3.199E-06	6.918E+02	1.078E+02	7.435E+00	2.997E+00	4.486E+01	3.819E+01	1.150E+00
5.800E+03	3.119E-06	7.071E+02	1.086E+02	7.564E+00	3.021E+00	3.962E+01	3.353E+01	1.161E+00
5.900E+03	3.044E-06	7.212E+02	1.092E+02	7.675E+00	3.043E+00	3.740E+01	3.153E+01	1.167E+00
6.000E+03	2.974E-06	7.348E+02	1.099E+02	7.770E+00	3.063E+00	3.734E+01	3.145E+01	1.168E+00
6.100E+03	2.905E-06	7.487E+02	1.105E+02	7.853E+00	3.084E+00	3.886E+01	3.276E+01	1.166E+00
6.200E+03	2.838E-06	7.634E+02	1.111E+02	7.932E+00	3.106E+00	4.155E+01	3.509E+01	1.161E+00
6.300E+03	2.772E-06	7.792E+02	1.118E+02	8.010E+00	3.130E+00	4.513E+01	3.818E+01	1.157E+00
6.400E+03	2.706E-06	7.965E+02	1.126E+02	8.090E+00	3.156E+00	4.942E+01	4.186E+01	1.152E+00
6.500E+03	2.639E-06	8.155E+02	1.134E+02	8.176E+00	3.186E+00	5.424E+01	4.597E+01	1.148E+00
6.600E+03	2.573E-06	8.363E+02	1.142E+02	8.268E+00	3.218E+00	5.946E+01	5.038E+01	1.144E+00
6.700E+03	2.506E-06	8.591E+02	1.152E+02	8.366E+00	3.255E+00	6.493E+01	5.495E+01	1.141E+00
6.800E+03	2.440E-06	8.838E+02	1.162E+02	8.471E+00	3.294E+00	7.049E+01	5.956E+01	1.139E+00
6.900E+03	2.373E-06	9.107E+02	1.173E+02	8.582E+00	3.338E+00	7.599E+01	6.407E+01	1.137E+00
7.000E+03	2.307E-06	9.395E+02	1.184E+02	8.699E+00	3.384E+00	8.125E+01	6.834E+01	1.136E+00
7.100E+03	2.242E-06	9.701E+02	1.196E+02	8.822E+00	3.434E+00	8.612E+01	7.226E+01	1.135E+00
7.200E+03	2.177E-06	1.002E+03	1.208E+02	8.950E+00	3.487E+00	9.047E+01	7.574E+01	1.134E+00
7.300E+03	2.114E-06	1.036E+03	1.221E+02	9.081E+00	3.541E+00	9.424E+01	7.873E+01	1.134E+00
7.400E+03	2.053E-06	1.071E+03	1.234E+02	9.215E+00	3.598E+00	9.744E+01	8.128E+01	1.134E+00
7.500E+03	1.993E-06	1.108E+03	1.247E+02	9.352E+00	3.656E+00	1.002E+02	8.348E+01	1.134E+00
7.600E+03	1.936E-06	1.145E+03	1.261E+02	9.489E+00	3.715E+00	1.028E+02	8.554E+01	1.134E+00
7.700E+03	1.880E-06	1.183E+03	1.274E+02	9.627E+00	3.775E+00	1.054E+02	8.770E+01	1.133E+00
7.800E+03	1.827E-06	1.222E+03	1.288E+02	9.764E+00	3.836E+00	1.085E+02	9.025E+01	1.133E+00
7.900E+03	1.775E-06	1.262E+03	1.302E+02	9.902E+00	3.898E+00	1.124E+02	9.343E+01	1.132E+00
8.000E+03	1.725E-06	1.304E+03	1.316E+02	1.004E+01	3.962E+00	1.173E+02	9.744E+01	1.131E+00
8.100E+03	1.627E-06	1.395E+03	1.347E+02	1.033E+01	4.096E+00	1.305E+02	1.081E+02	1.128E+00
8.200E+03	1.533E-06	1.496E+03	1.380E+02	1.063E+01	4.246E+00	1.474E+02	1.214E+02	1.126E+00
8.300E+03	1.441E-06	1.611E+03	1.417E+02	1.096E+01	4.412E+00	1.653E+02	1.356E+02	1.125E+00
8.400E+03	1.352E-06	1.738E+03	1.457E+02	1.131E+01	4.594E+00	1.806E+02	1.472E+02	1.125E+00
8.500E+03	1.268E-06	1.874E+03	1.499E+02	1.169E+01	4.789E+00	1.893E+02	1.536E+02	1.127E+00
8.600E+03	1.192E-06	2.013E+03	1.540E+02	1.207E+01	4.986E+00	1.888E+02	1.531E+02	1.129E+00
8.700E+03	1.124E-06	2.148E+03	1.580E+02	1.245E+01	5.175E+00	1.786E+02	1.451E+02	1.136E+00
8.800E+03	1.055E-06	2.272E+03	1.616E+02	1.283E+01	5.347E+00	1.605E+02	1.309E+02	1.139E+00
8.900E+03	1.015E-06	2.382E+03	1.647E+02	1.318E+01	5.495E+00	1.379E+02	1.129E+02	1.147E+00

P/P0 = 3.00E-04

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E-04	-1.718E+02	2.963E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E-04	-1.705E+02	3.215E+01	8.702E-01	1.000E+00	3.891E+00	2.691E+00	1.346E+00
3.000E+02	2.733E-04	-1.690E+02	3.384E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E-04	-1.672E+02	3.520E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E-04	-1.653E+02	3.635E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E-04	-1.633E+02	3.736E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E-04	-1.612E+02	3.825E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E-04	-1.590E+02	3.906E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E-05	-1.567E+02	3.980E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E-05	-1.543E+02	4.048E+01	1.823E+00	1.000E+00	6.512E+00	5.512E+00	1.181E+00
1.100E+03	7.453E-05	-1.519E+02	4.111E+01	1.908E+00	1.000E+00	6.651E+00	5.650E+00	1.177E+00
1.200E+03	6.831E-05	-1.494E+02	4.169E+01	1.990E+00	1.000E+00	6.810E+00	5.807E+00	1.173E+00
1.300E+03	6.305E-05	-1.469E+02	4.225E+01	2.066E+00	1.000E+00	7.074E+00	6.065E+00	1.166E+00
1.400E+03	5.850E-05	-1.442E+02	4.279E+01	2.135E+00	1.001E+00	7.627E+00	6.596E+00	1.156E+00
1.500E+03	5.451E-05	-1.412E+02	4.335E+01	2.196E+00	1.003E+00	8.796E+00	7.711E+00	1.140E+00
1.600E+03	5.089E-05	-1.376E+02	4.398E+01	2.252E+00	1.007E+00	1.110E+01	9.889E+00	1.120E+00
1.700E+03	4.748E-05	-1.329E+02	4.477E+01	2.312E+00	1.016E+00	1.523E+01	1.376E+01	1.101E+00
1.800E+03	4.411E-05	-1.262E+02	4.582E+01	2.384E+00	1.033E+00	2.199E+01	2.002E+01	1.087E+00
1.900E+03	4.063E-05	-1.164E+02	4.726E+01	2.475E+00	1.062E+00	3.206E+01	2.915E+01	1.079E+00
2.000E+03	3.695E-05	-1.023E+02	4.923E+01	2.591E+00	1.109E+00	4.553E+01	4.103E+01	1.076E+00
2.100E+03	3.310E-05	-8.275E+01	5.183E+01	2.737E+00	1.179E+00	6.136E+01	5.449E+01	1.076E+00
2.200E+03	2.924E-05	-5.735E+01	5.506E+01	2.916E+00	1.274E+00	7.713E+01	6.735E+01	1.078E+00
2.300E+03	2.559E-05	-2.665E+01	5.878E+01	3.122E+00	1.393E+00	8.982E+01	7.720E+01	1.082E+00
2.400E+03	2.235E-05	7.688E+00	6.277E+01	3.349E+00	1.529E+00	9.643E+01	8.152E+01	1.087E+00
2.500E+03	1.965E-05	4.272E+01	6.668E+01	3.582E+00	1.669E+00	9.286E+01	7.858E+01	1.093E+00
2.600E+03	1.758E-05	7.404E+01	7.004E+01	3.803E+00	1.794E+00	7.618E+01	6.480E+01	1.102E+00
2.700E+03	1.610E-05	9.760E+01	7.247E+01	4.000E+00	1.885E+00	5.228E+01	4.478E+01	1.117E+00
2.800E+03	1.509E-05	1.128E+02	7.398E+01	4.180E+00	1.941E+00	3.206E+01	2.734E+01	1.143E+00
2.900E+03	1.435E-05	1.221E+02	7.487E+01	4.362E+00	1.970E+00	1.968E+01	1.640E+01	1.184E+00
3.000E+03	1.377E-05	1.280E+02	7.541E+01	4.531E+00	1.985E+00	1.326E+01	1.064E+01	1.237E+00
3.100E+03	1.328E-05	1.322E+02	7.579E+01	4.734E+00	1.992E+00	1.012E+01	7.817E+00	1.290E+00
3.200E+03	1.284E-05	1.356E+02	7.609E+01	4.892E+00	1.996E+00	8.606E+00	6.448E+00	1.332E+00
3.300E+03	1.244E-05	1.386E+02	7.634E+01	5.021E+00	1.998E+00	7.863E+00	5.777E+00	1.359E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
3.400E+03	1.206E-05	1.414E+02	7.657E+01	5.127E+00	1.999E+00	7.492E+00	5.445E+00	1.375E+00
3.500E+03	1.172E-05	1.441E+02	7.678E+01	5.218E+00	1.999E+00	7.310E+00	5.282E+00	1.383E+00
3.600E+03	1.139E-05	1.467E+02	7.699E+01	5.299E+00	2.000E+00	7.232E+00	5.214E+00	1.387E+00
3.700E+03	1.108E-05	1.494E+02	7.718E+01	5.371E+00	2.000E+00	7.231E+00	5.216E+00	1.386E+00
3.800E+03	1.079E-05	1.520E+02	7.738E+01	5.432E+00	2.000E+00	7.322E+00	5.304E+00	1.380E+00
3.900E+03	1.051E-05	1.548E+02	7.757E+01	5.476E+00	2.000E+00	7.569E+00	5.539E+00	1.366E+00
4.000E+03	1.024E-05	1.576E+02	7.777E+01	5.493E+00	2.001E+00	8.120E+00	6.056E+00	1.340E+00
4.100E+03	9.988E-06	1.508E+02	7.798E+01	5.476E+00	2.002E+00	9.260E+00	7.124E+00	1.299E+00
4.200E+03	9.738E-06	1.645E+02	7.823E+01	5.431E+00	2.004E+00	1.151E+01	9.220E+00	1.245E+00
4.300E+03	9.489E-06	1.694E+02	7.854E+01	5.382E+00	2.009E+00	1.574E+01	1.315E+01	1.192E+00
4.400E+03	9.232E-06	1.765E+02	7.899E+01	5.358E+00	2.018E+00	2.331E+01	2.011E+01	1.149E+00
4.500E+03	8.953E-06	1.871E+02	7.964E+01	5.372E+00	2.035E+00	3.600E+01	3.141E+01	1.120E+00
4.600E+03	8.538E-06	2.037E+02	8.063E+01	5.428E+00	2.063E+00	5.552E+01	4.894E+01	1.103E+00
4.700E+03	8.270E-06	2.287E+02	8.210E+01	5.524E+00	2.109E+00	8.231E+01	7.202E+01	1.094E+00
4.800E+03	7.844E-06	2.645E+02	8.416E+01	5.661E+00	2.177E+00	1.140E+02	9.831E+01	1.090E+00
4.900E+03	7.373E-06	3.120E+02	8.683E+01	5.835E+00	2.269E+00	1.445E+02	1.227E+02	1.088E+00
5.000E+03	6.887E-06	3.692E+02	8.999E+01	6.039E+00	2.381E+00	1.659E+02	1.393E+02	1.089E+00
5.100E+03	6.423E-06	4.315E+02	9.336E+01	6.259E+00	2.503E+00	1.715E+02	1.435E+02	1.091E+00
5.200E+03	6.013E-06	4.927E+02	9.660E+01	6.479E+00	2.622E+00	1.603E+02	1.346E+02	1.094E+00
5.300E+03	5.570E-06	5.474E+02	9.945E+01	6.686E+00	2.728E+00	1.372E+02	1.1	1.099E+00
5.400E+03	5.394E-06	5.927E+02	1.018E+02	6.877E+00	2.814E+00	1.107E+02	9	1.106E+00
5.500E+03	5.174E-06	6.284E+02	1.036E+02	7.051E+00	2.861E+00	8.554E+01	7	1.115E+00
5.600E+03	4.995E-06	6.560E+02	1.049E+02	7.214E+00	2.931E+00	6.620E+01	5	1.127E+00
5.700E+03	4.845E-06	6.776E+02	1.060E+02	7.367E+00	2.969E+00	5.260E+01	4	1.140E+00
5.800E+03	4.713E-06	6.951E+02	1.068E+02	7.510E+00	2.998E+00	4.391E+01	3.7	1.153E+00
5.900E+03	4.599E-06	7.102E+02	1.075E+02	7.638E+00	3.021E+00	3.899E+01	3.291E+01	1.163E+00
6.000E+03	4.491E-06	7.240E+02	1.081E+02	7.748E+00	3.042E+00	3.683E+01	3.09E+01	1.169E+00
6.100E+03	4.389E-06	7.374E+02	1.087E+02	7.843E+00	3.062E+00	3.668E+01	3.082E+01	1.171E+00
6.200E+03	4.290E-06	7.511E+02	1.093E+02	7.926E+00	3.082E+00	3.800E+01	3.194E+01	1.169E+00
6.300E+03	4.193E-06	7.654E+02	1.100E+02	8.004E+00	3.104E+00	4.041E+01	3.403E+01	1.165E+00
6.400E+03	4.097E-06	7.807E+02	1.106E+02	8.081E+00	3.127E+00	4.367E+01	3.684E+01	1.160E+00
6.500E+03	4.001E-06	7.974E+02	1.113E+02	8.161E+00	3.152E+00	4.759E+01	4.020E+01	1.156E+00
6.600E+03	3.906E-06	8.156E+02	1.121E+02	8.244E+00	3.180E+00	5.202E+01	4.397E+01	1.151E+00
6.700E+03	3.811E-06	8.356E+02	1.129E+02	8.334E+00	3.211E+00	5.684E+01	4.804E+01	1.148E+00
6.800E+03	3.715E-06	8.573E+02	1.138E+02	8.429E+00	3.245E+00	6.192E+01	5.229E+01	1.144E+00
6.900E+03	3.619E-06	8.809E+02	1.147E+02	8.530E+00	3.283E+00	6.713E+01	5.661E+01	1.142E+00
7.000E+03	3.524E-06	9.065E+02	1.157E+02	8.638E+00	3.324E+00	7.233E+01	6.088E+01	1.140E+00
7.100E+03	3.429E-06	9.339E+02	1.168E+02	8.751E+00	3.368E+00	7.738E+01	6.499E+01	1.139E+00
7.200E+03	3.334E-06	9.631E+02	1.179E+02	8.870E+00	3.415E+00	8.213E+01	6.883E+01	1.138E+00
7.300E+03	3.241E-06	9.940E+02	1.191E+02	8.994E+00	3.465E+00	8.651E+01	7.232E+01	1.137E+00
7.400E+03	3.150E-06	1.026E+03	1.203E+02	9.121E+00	3.517E+00	9.040E+01	7.541E+01	1.136E+00
7.500E+03	3.061E-06	1.060E+03	1.215E+02	9.252E+00	3.571E+00	9.381E+01	7.811E+01	1.136E+00
7.600E+03	2.974E-06	1.095E+03	1.228E+02	9.386E+00	3.627E+00	9.679E+01	8.048E+01	1.136E+00
7.700E+03	2.890E-06	1.131E+03	1.241E+02	9.521E+00	3.684E+00	9.950E+01	8.265E+01	1.136E+00
7.800E+03	2.809E-06	1.168E+03	1.254E+02	9.656E+00	3.742E+00	1.022E+02	8.480E+01	1.136E+00
7.900E+03	2.730E-06	1.205E+03	1.267E+02	9.792E+00	3.801E+00	1.051E+02	8.717E+01	1.135E+00
8.000E+03	2.654E-06	1.245E+03	1.280E+02	9.929E+00	3.861E+00	1.085E+02	8.998E+01	1.135E+00
8.200E+03	2.508E-06	1.328E+03	1.308E+02	1.020E+01	3.986E+00	1.178E+02	9.759E+01	1.133E+00
8.400E+03	2.369E-06	1.418E+03	1.338E+02	1.049E+01	4.121E+00	1.313E+02	1.082E+02	1.130E+00
8.600E+03	2.233E-06	1.520E+03	1.371E+02	1.080E+01	4.269E+00	1.470E+02	1.208E+02	1.128E+00
8.800E+03	2.101E-06	1.634E+03	1.406E+02	1.112E+01	4.433E+00	1.634E+02	1.335E+02	1.128E+00
9.000E+03	1.975E-06	1.759E+03	1.445E+02	1.148E+01	4.612E+00	1.768E+02	1.436E+02	1.128E+00
9.200E+03	1.856E-06	1.891E+03	1.485E+02	1.184E+01	4.800E+00	1.840E+02	1.490E+02	1.129E+00
9.400E+03	1.748E-06	2.026E+03	1.524E+02	1.222E+01	4.990E+00	1.830E+02	1.480E+02	1.132E+00
9.600E+03	1.651E-06	2.157E+03	1.562E+02	1.260E+01	5.173E+00	1.732E+02	1.403E+02	1.136E+00
9.800E+03	1.567E-06	2.278E+03	1.596E+02	1.296E+01	5.339E+00	1.564E+02	1.272E+02	1.141E+00
1.000E+04	1.495E-06	2.385E+03	1.625E+02	1.331E+01	5.483E+00	1.355E+02	1.106E+02	1.150E+00
1.020E+04	1.435E-06	2.476E+03	1.650E+02	1.365E+01	5.602E+00	1.137E+02	9.305E+01	1.160E+00
1.040E+04	1.384E-06	2.552E+03	1.670E+02	1.398E+01	5.697E+00	9.347E+01	7.640E+01	1.172E+00
1.060E+04	1.340E-06	2.614E+03	1.686E+02	1.430E+01	5.771E+00	7.606E+01	6.189E+01	1.189E+00
1.080E+04	1.303E-06	2.664E+03	1.699E+02	1.463E+01	5.828E+00	6.194E+01	4.995E+01	1.208E+00
1.100E+04	1.270E-06	2.705E+03	1.709E+02	1.496E+01	5.870E+00	5.092E+01	4.053E+01	1.231E+00
1.120E+04	1.240E-06	2.739E+03	1.718E+02	1.529E+01	5.902E+00	4.254E+01	3.332E+01	1.257E+00
1.140E+04	1.214E-06	2.768E+03	1.725E+02	1.563E+01	5.926E+00	3.629E+01	2.790E+01	1.285E+00
1.160E+04	1.189E-06	2.793E+03	1.731E+02	1.596E+01	5.944E+00	3.168E+01	2.389E+01	1.314E+00
1.180E+04	1.166E-06	2.815E+03	1.736E+02	1.628E+01	5.957E+00	2.833E+01	2.097E+01	1.341E+00
1.200E+04	1.145E-06	2.835E+03	1.740E+02	1.658E+01	5.967E+00	2.593E+01	1.889E+01	1.365E+00
1.220E+04	1.125E-06	2.853E+03	1.744E+02	1.685E+01	5.975E+00	2.427E+01	1.745E+01	1.385E+00
1.240E+04	1.105E-06	2.870E+03	1.748E+02	1.708E+01	5.981E+00	2.319E+01	1.652E+01	1.399E+00
1.260E+04	1.087E-06	2.887E+03	1.752E+02	1.727E+01	5.986E+00	2.261E+01	1.604E+01	1.406E+00
1.280E+04	1.069E-06	2.904E+03	1.756E+02	1.741E+01	5.991E+00	2.248E+01	1.595E+01	1.406E+00
1.300E+04	1.052E-06	2.920E+03	1.759E+02	1.751E+01	5.995E+00	2.278E+01	1.625E+01	1.398E+00
1.320E+04	1.035E-06	2.937E+03	1.763E+02	1.756E+01	5.999E+00	2.354E+01	1.697E+01	1.384E+00
1.340E+04	1.019E-06	2.955E+03	1.766E+02	1.757E+01	6.004E+00	2.483E+01	1.815E+01	1.364E+00
1.360E+04	1.003E-06	2.974E+03	1.770E+02	1.755E+01	6.009E+00	2.671E+01	1.988E+01	1.339E+00

P/P0 = 4.00E-04

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E-03	-1.718E+02	2.934E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.465E-04	-1.705E+02	3.186E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00

Table I. - Continued.

T	RMO/RMU-0	M/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
3.000E+02	3.644E-04	-1.690E+02	3.335E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E-04	-1.672E+02	3.491E+01	1.167E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E-04	-1.653E+02	3.606E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E-04	-1.633E+02	3.707E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E-04	-1.612E+02	3.797E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E-04	-1.590E+02	3.878E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E-04	-1.567E+02	3.951E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E-04	-1.543E+02	4.019E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	9.937E-05	-1.519E+02	4.082E+01	1.908E+00	1.000E+00	6.650E+00	5.649E+00	1.177E+00
1.200E+03	9.109E-05	-1.494E+02	4.140E+01	1.990E+00	1.000E+00	6.804E+00	5.801E+00	1.173E+00
1.300E+03	8.406E-05	-1.469E+02	4.196E+01	2.066E+00	1.000E+00	7.052E+00	6.044E+00	1.167E+00
1.400E+03	7.801E-05	-1.442E+02	4.250E+01	2.135E+00	1.001E+00	7.561E+00	6.533E+00	1.157E+00
1.500E+03	7.269E-05	-1.413E+02	4.305E+01	2.197E+00	1.002E+00	8.629E+00	7.553E+00	1.142E+00
1.600E+03	6.789E-05	-1.378E+02	4.367E+01	2.254E+00	1.006E+00	1.072E+01	9.537E+00	1.122E+00
1.700E+03	6.339E-05	-1.332E+02	4.442E+01	2.313E+00	1.014E+00	1.449E+01	1.307E+01	1.103E+00
1.800E+03	5.898E-05	-1.269E+02	4.541E+01	2.383E+00	1.030E+00	2.066E+01	1.879E+01	1.089E+00
1.900E+03	5.485E-05	-1.177E+02	4.676E+01	2.470E+00	1.056E+00	2.988E+01	2.718E+01	1.081E+00
2.000E+03	4.970E-05	-1.046E+02	4.860E+01	2.581E+00	1.100E+00	4.235E+01	3.822E+01	1.077E+00
2.100E+03	4.472E-05	-8.643E+01	5.102E+01	2.720E+00	1.164E+00	5.725E+01	5.097E+01	1.076E+00
2.200E+03	3.968E-05	-6.264E+01	5.404E+01	2.890E+00	1.252E+00	7.253E+01	6.352E+01	1.078E+00
2.300E+03	3.485E-05	-3.361E+01	5.756E+01	3.089E+00	1.384E+00	8.545E+01	7.364E+01	1.081E+00
2.400E+03	3.051E-05	-6.119E+01	6.138E+01	3.309E+00	1.493E+00	9.337E+01	7.945E+01	1.086E+00
2.500E+03	2.683E-05	3.375E+01	6.522E+01	3.538E+00	1.630E+00	9.298E+01	7.602E+01	1.092E+00
2.600E+03	2.391E-05	6.592E+01	6.867E+01	3.762E+00	1.758E+00	8.066E+01	6.837E+01	1.100E+00
2.700E+03	2.177E-05	9.162E+01	7.132E+01	3.965E+00	1.859E+00	5.892E+01	5.031E+01	1.113E+00
2.800E+03	2.028E-05	1.091E+02	7.307E+01	4.147E+00	1.925E+00	3.760E+01	3.212E+01	1.134E+00
2.900E+03	1.922E-05	1.200E+02	7.411E+01	4.324E+00	1.961E+00	2.313E+01	1.944E+01	1.169E+00
3.000E+03	1.840E-05	1.269E+02	7.474E+01	4.509E+00	1.980E+00	1.514E+01	1.232E+01	1.217E+00
3.100E+03	1.772E-05	1.316E+02	7.517E+01	4.694E+00	1.990E+00	1.111E+01	8.700E+00	1.270E+00
3.200E+03	1.713E-05	1.352E+02	7.549E+01	4.861E+00	1.994E+00	9.121E+00	6.911E+00	1.316E+00
3.300E+03	1.659E-05	1.384E+02	7.575E+01	5.000E+00	1.997E+00	8.137E+00	6.024E+00	1.349E+00
3.400E+03	1.609E-05	1.413E+02	7.598E+01	5.114E+00	1.998E+00	7.642E+00	5.573E+00	1.369E+00
3.500E+03	1.562E-05	1.440E+02	7.620E+01	5.211E+00	1.999E+00	7.392E+00	5.355E+00	1.380E+00
3.600E+03	1.519E-05	1.467E+02	7.641E+01	5.295E+00	1.999E+00	7.273E+00	5.250E+00	1.385E+00
3.700E+03	1.477E-05	1.493E+02	7.661E+01	5.370E+00	2.000E+00	7.240E+00	5.223E+00	1.386E+00
3.800E+03	1.438E-05	1.520E+02	7.680E+01	5.436E+00	2.000E+00	7.291E+00	5.274E+00	1.382E+00
3.900E+03	1.401E-05	1.547E+02	7.699E+01	5.487E+00	2.000E+00	7.467E+00	5.442E+00	1.372E+00
4.000E+03	1.366E-05	1.575E+02	7.719E+01	5.515E+00	2.001E+00	7.876E+00	5.827E+00	1.351E+00
4.100E+03	1.332E-05	1.605E+02	7.739E+01	5.512E+00	2.001E+00	8.731E+00	6.628E+00	1.316E+00
4.200E+03	1.299E-05	1.640E+02	7.762E+01	5.478E+00	2.003E+00	1.043E+01	8.210E+00	1.268E+00
4.300E+03	1.267E-05	1.683E+02	7.790E+01	5.429E+00	2.007E+00	1.363E+01	1.119E+01	1.214E+00
4.400E+03	1.234E-05	1.743E+02	7.827E+01	5.393E+00	2.014E+00	1.943E+01	1.654E+01	1.167E+00
4.500E+03	1.197E-05	1.831E+02	7.881E+01	5.390E+00	2.026E+00	2.932E+01	2.556E+01	1.133E+00
4.600E+03	1.160E-05	1.965E+02	7.961E+01	5.427E+00	2.049E+00	4.501E+01	3.963E+01	1.111E+00
4.700E+03	1.115E-05	2.169E+02	8.081E+01	5.504E+00	2.085E+00	6.761E+01	5.937E+01	1.099E+00
4.800E+03	1.064E-05	2.467E+02	8.253E+01	5.620E+00	2.141E+00	9.626E+01	8.359E+01	1.093E+00
4.900E+03	1.005E-05	2.876E+02	8.483E+01	5.774E+00	2.219E+00	1.270E+02	1.086E+02	1.090E+00
5.000E+03	9.426E-06	3.392E+02	8.767E+01	5.962E+00	2.319E+00	1.531E+02	1.291E+02	1.090E+00
5.100E+03	8.804E-06	3.962E+02	9.087E+01	6.172E+00	2.435E+00	1.671E+02	1.398E+02	1.091E+00
5.200E+03	8.229E-06	4.594E+02	9.412E+01	6.391E+00	2.554E+00	1.652E+02	1.382E+02	1.097E+00
5.300E+03	7.734E-06	5.174E+02	9.713E+01	6.605E+00	2.667E+00	1.489E+02	1.253E+02	1.091E+00
5.400E+03	7.325E-06	5.676E+02	9.969E+01	6.804E+00	2.763E+00	1.245E+02	1.056E+02	1.103E+00
5.500E+03	6.996E-06	6.083E+02	1.017E+02	6.987E+00	2.841E+00	9.894E+01	8.454E+01	1.111E+00
5.600E+03	6.731E-06	6.405E+02	1.033E+02	7.155E+00	2.900E+00	7.694E+01	6.595E+01	1.121E+00
5.700E+03	6.514E-06	6.655E+02	1.045E+02	7.313E+00	2.944E+00	6.029E+01	5.160E+01	1.133E+00
5.800E+03	6.329E-06	6.853E+02	1.055E+02	7.462E+00	2.978E+00	4.884E+01	4.135E+01	1.146E+00
5.900E+03	6.166E-06	7.018E+02	1.062E+02	7.600E+00	3.005E+00	4.167E+01	3.526E+01	1.158E+00
6.000E+03	6.018E-06	7.162E+02	1.069E+02	7.722E+00	3.027E+00	3.775E+01	3.177E+01	1.167E+00
6.100E+03	5.880E-06	7.297E+02	1.075E+02	7.825E+00	3.047E+00	3.622E+01	3.039E+01	1.172E+00
6.200E+03	5.749E-06	7.429E+02	1.081E+02	7.919E+00	3.067E+00	3.642E+01	3.054E+01	1.172E+00
6.300E+03	5.621E-06	7.565E+02	1.087E+02	8.000E+00	3.087E+00	3.792E+01	3.183E+01	1.170E+00
6.400E+03	5.495E-06	7.708E+02	1.093E+02	8.077E+00	3.108E+00	4.038E+01	3.396E+01	1.166E+00
6.500E+03	5.371E-06	7.862E+02	1.100E+02	8.154E+00	3.131E+00	4.361E+01	3.673E+01	1.161E+00
6.600E+03	5.247E-06	8.023E+02	1.107E+02	8.234E+00	3.156E+00	4.743E+01	4.000E+01	1.157E+00
6.700E+03	5.124E-06	8.210E+02	1.114E+02	8.317E+00	3.184E+00	5.171E+01	4.363E+01	1.153E+00
6.800E+03	5.000E-06	8.407E+02	1.122E+02	8.407E+00	3.215E+00	5.634E+01	4.753E+01	1.149E+00
6.900E+03	4.877E-06	8.622E+02	1.131E+02	8.501E+00	3.248E+00	6.121E+01	5.159E+01	1.146E+00
7.000E+03	4.753E-06	8.856E+02	1.140E+02	8.602E+00	3.285E+00	6.619E+01	5.571E+01	1.144E+00
7.100E+03	4.630E-06	9.107E+02	1.149E+02	8.709E+00	3.325E+00	7.116E+01	5.979E+01	1.142E+00
7.200E+03	4.507E-06	9.377E+02	1.160E+02	8.821E+00	3.369E+00	7.600E+01	6.372E+01	1.140E+00
7.300E+03	4.385E-06	9.663E+02	1.171E+02	8.938E+00	3.415E+00	8.059E+01	6.741E+01	1.139E+00
7.400E+03	4.265E-06	9.965E+02	1.182E+02	9.060E+00	3.463E+00	8.483E+01	7.079E+01	1.139E+00
7.500E+03	4.147E-06	1.028E+03	1.193E+02	9.186E+00	3.514E+00	8.865E+01	7.383E+01	1.138E+00
7.600E+03	4.032E-06	1.061E+03	1.205E+02	9.315E+00	3.567E+00	9.204E+01	7.651E+01	1.138E+00
7.700E+03	3.920E-06	1.096E+03	1.218E+02	9.447E+00	3.621E+00	9.505E+01	7.890E+01	1.138E+00
7.800E+03	3.811E-06	1.131E+03	1.230E+02	9.580E+00	3.677E+00	9.783E+01	8.112E+01	1.138E+00
7.900E+03	3.705E-06	1.167E+03	1.243E+02	9.715E+00	3.734E+00	1.006E+02	8.331E+01	1.137E+00
8.000E+03	3.603E-06	1.205E+03	1.256E+02	9.850E+00	3.792E+00	1.035E+02	8.567E+01	1.137E+00
8.100E+03	3.408E-06	1.243E+03	1.282E+02	1.012E+01	3.911E+00	1.109E+02	9.169E+01	1.135E+00
8.200E+03	3.222E-06	1.368E+03	1.310E+02	1.040E+01	4.038E+00	1.214E+02	1.002E+02	1.133E+00
8.300E+03	3.044E-06	1.462E+03	1.340E+02	1.069E+01	4.176E+00	1.352E+02	1.112E+02	1.131E+00
8.400E+03	2.870E-06	1.566E+03	1.373E+02	1.100E+01	4.327E+00	1.508E+02	1.234E+02	1.130E+00
9.000E+03	2.703E-06	1.682E+03	1.408E+02	1.134E+01	4.494E+00	1.655E+02	1.346E+02	1.129E+00
9.200E+03	2.543E-06	1.808E+03	1.446E+02	1.169E+01	4.673E+00	1.764E+02	1.428E+02	1.130E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
9.400E+03	2.394E-06	1.939E+03	1.485E+02	1.206E+01	4.858E+00	1.807E+02	1.459E+02	1.132E+00
9.500E+03	2.258E-06	2.070E+03	1.522E+02	1.243E+01	5.042E+00	1.771E+02	1.430E+02	1.135E+00
9.800E+03	2.138E-06	2.196E+03	1.558E+02	1.280E+01	5.216E+00	1.658E+02	1.342E+02	1.139E+00
1.000E+04	2.034E-06	2.312E+03	1.590E+02	1.316E+01	5.373E+00	1.486E+02	1.207E+02	1.146E+00
1.020E+04	1.946E-06	2.413E+03	1.617E+02	1.350E+01	5.508E+00	1.283E+02	1.046E+02	1.154E+00
1.040E+04	1.870E-06	2.500E+03	1.640E+02	1.383E+01	5.619E+00	1.078E+02	8.799E+01	1.164E+00
1.060E+04	1.807E-06	2.572E+03	1.659E+02	1.415E+01	5.708E+00	8.895E+01	7.251E+01	1.177E+00
1.080E+04	1.752E-06	2.631E+03	1.674E+02	1.447E+01	5.778E+00	7.287E+01	5.910E+01	1.193E+00
1.100E+04	1.704E-06	2.675E+03	1.686E+02	1.479E+01	5.831E+00	5.982E+01	4.807E+01	1.213E+00
1.120E+04	1.662E-06	2.719E+03	1.696E+02	1.512E+01	5.872E+00	4.960E+01	3.935E+01	1.236E+00
1.140E+04	1.624E-06	2.752E+03	1.704E+02	1.545E+01	5.902E+00	4.178E+01	3.262E+01	1.261E+00
1.160E+04	1.590E-06	2.781E+03	1.711E+02	1.578E+01	5.925E+00	3.590E+01	2.754E+01	1.288E+00
1.180E+04	1.559E-06	2.805E+03	1.716E+02	1.611E+01	5.943E+00	3.154E+01	2.375E+01	1.316E+00
1.200E+04	1.529E-06	2.827E+03	1.721E+02	1.642E+01	5.956E+00	2.834E+01	2.097E+01	1.341E+00
1.220E+04	1.502E-06	2.847E+03	1.726E+02	1.671E+01	5.966E+00	2.604E+01	1.898E+01	1.364E+00
1.240E+04	1.476E-06	2.865E+03	1.730E+02	1.697E+01	5.974E+00	2.444E+01	1.759E+01	1.383E+00
1.260E+04	1.451E-06	2.883E+03	1.734E+02	1.720E+01	5.981E+00	2.341E+01	1.671E+01	1.395E+00
1.280E+04	1.427E-06	2.900E+03	1.737E+02	1.738E+01	5.986E+00	2.286E+01	1.625E+01	1.402E+00
1.300E+04	1.404E-06	2.916E+03	1.741E+02	1.752E+01	5.990E+00	2.275E+01	1.619E+01	1.401E+00
1.320E+04	1.381E-06	2.933E+03	1.744E+02	1.761E+01	5.995E+00	2.307E+01	1.650E+01	1.394E+00
1.340E+04	1.360E-06	2.950E+03	1.748E+02	1.766E+01	5.999E+00	2.384E+01	1.723E+01	1.380E+00
1.360E+04	1.339E-06	2.968E+03	1.752E+02	1.768E+01	6.004E+00	2.513E+01	1.842E+01	1.360E+00
1.380E+04	1.318E-06	2.987E+03	1.755E+02	1.766E+01	6.010E+00	2.701E+01	2.013E+01	1.337E+00
1.400E+04	1.298E-06	3.008E+03	1.759E+02	1.762E+01	6.017E+00	2.957E+01	2.246E+01	1.311E+00
1.420E+04	1.278E-06	3.031E+03	1.764E+02	1.758E+01	6.025E+00	3.293E+01	2.550E+01	1.285E+00
1.440E+04	1.258E-06	3.056E+03	1.769E+02	1.755E+01	6.036E+00	3.721E+01	2.934E+01	1.260E+00
1.460E+04	1.238E-06	3.085E+03	1.774E+02	1.753E+01	6.050E+00	4.250E+01	3.407E+01	1.237E+00
1.480E+04	1.217E-06	3.119E+03	1.780E+02	1.753E+01	6.067E+00	4.885E+01	3.971E+01	1.217E+00
1.500E+04	1.197E-06	3.157E+03	1.788E+02	1.756E+01	6.088E+00	5.626E+01	4.624E+01	1.200E+00
1.520E+04	1.176E-06	3.201E+03	1.796E+02	1.761E+01	6.114E+00	6.461E+01	5.355E+01	1.187E+00
1.540E+04	1.155E-06	3.252E+03	1.805E+02	1.769E+01	6.146E+00	7.367E+01	6.141E+01	1.174E+00
1.560E+04	1.133E-06	3.309E+03	1.815E+02	1.780E+01	6.183E+00	8.308E+01	6.950E+01	1.167E+00
1.580E+04	1.111E-06	3.374E+03	1.826E+02	1.792E+01	6.225E+00	9.237E+01	7.741E+01	1.161E+00
1.600E+04	1.089E-06	3.445E+03	1.838E+02	1.807E+01	6.272E+00	1.010E+02	8.468E+01	1.157E+00
1.620E+04	1.067E-06	3.521E+03	1.851E+02	1.823E+01	6.325E+00	1.065E+02	9.090E+01	1.154E+00
1.640E+04	1.045E-06	3.603E+03	1.865E+02	1.841E+01	6.381E+00	1.143E+02	9.575E+01	1.152E+00
1.660E+04	1.023E-06	3.688E+03	1.879E+02	1.860E+01	6.439E+00	1.183E+02	9.904E+01	1.151E+00
1.680E+04	1.001E-06	3.776E+03	1.893E+02	1.880E+01	6.499E+00	1.205E+02	1.008E+02	1.151E+00

P/P0 = 5.00E-04

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E-03	-1.718E+02	2.912E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E-04	-1.705E+02	3.164E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.553E-04	-1.590E+02	3.333E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E-04	-1.672E+02	3.469E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.733E-04	-1.653E+02	3.584E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E-04	-1.633E+02	3.685E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E-04	-1.612E+02	3.774E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E-04	-1.590E+02	3.855E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E-04	-1.567E+02	3.929E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.365E-04	-1.543E+02	3.997E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	1.242E-04	-1.519E+02	4.060E+01	1.909E+00	1.000E+00	6.649E+00	5.649E+00	1.177E+00
1.200E+03	1.139E-04	-1.494E+02	4.118E+01	1.990E+00	1.000E+00	6.799E+00	5.797E+00	1.173E+00
1.300E+03	1.051E-04	-1.469E+02	4.173E+01	2.066E+00	1.000E+00	7.036E+00	6.028E+00	1.167E+00
1.400E+03	9.752E-05	-1.443E+02	4.227E+01	2.136E+00	1.001E+00	7.514E+00	6.468E+00	1.158E+00
1.500E+03	9.088E-05	-1.413E+02	4.282E+01	2.199E+00	1.002E+00	8.510E+00	7.439E+00	1.143E+00
1.600E+03	8.490E-05	-1.379E+02	4.342E+01	2.256E+00	1.006E+00	1.044E+01	9.286E+00	1.124E+00
1.700E+03	7.932E-05	-1.335E+02	4.415E+01	2.314E+00	1.013E+00	1.1396E+01	1.257E+01	1.105E+00
1.800E+03	7.388E-05	-1.274E+02	4.510E+01	2.382E+00	1.028E+00	1.1970E+01	1.790E+01	1.091E+00
1.900E+03	6.833E-05	-1.187E+02	4.638E+01	2.467E+00	1.052E+00	2.832E+01	2.575E+01	1.082E+00
2.000E+03	6.252E-05	-1.063E+02	4.812E+01	2.574E+00	1.093E+00	4.004E+01	3.617E+01	1.078E+00
2.100E+03	5.643E-05	-8.909E+01	5.041E+01	2.708E+00	1.153E+00	5.423E+01	4.836E+01	1.077E+00
2.200E+03	5.024E-05	-6.650E+01	5.328E+01	2.872E+00	1.236E+00	6.908E+01	6.063E+01	1.078E+00
2.300E+03	4.427E-05	-3.874E+01	5.665E+01	3.064E+00	1.342E+00	8.205E+01	7.087E+01	1.081E+00
2.400E+03	3.884E-05	-6.945E+00	6.034E+01	3.278E+00	1.466E+00	9.071E+01	7.732E+01	1.086E+00
2.500E+03	3.416E-05	2.683E+01	6.411E+01	3.505E+00	1.600E+00	9.230E+01	7.805E+01	1.092E+00
2.600E+03	3.038E-05	5.932E+01	6.759E+01	3.729E+00	1.730E+00	8.318E+01	7.035E+01	1.099E+00
2.700E+03	2.755E-05	8.644E+01	7.022E+01	3.936E+00	1.837E+00	6.376E+01	5.429E+01	1.110E+00
2.800E+03	2.555E-05	1.058E+02	7.231E+01	4.121E+00	1.910E+00	4.223E+01	3.607E+01	1.129E+00
2.900E+03	2.413E-05	1.181E+02	7.349E+01	4.296E+00	1.953E+00	2.625E+01	2.214E+01	1.159E+00
3.000E+03	2.306E-05	1.258E+02	7.421E+01	4.477E+00	1.975E+00	1.693E+01	1.391E+01	1.203E+00
3.100E+03	2.218E-05	1.310E+02	7.467E+01	4.667E+00	1.987E+00	1.207E+01	9.558E+00	1.254E+00
3.200E+03	2.142E-05	1.349E+02	7.501E+01	4.860E+00	1.993E+00	9.629E+00	7.366E+00	1.303E+00
3.300E+03	2.074E-05	1.382E+02	7.529E+01	4.951E+00	1.996E+00	8.416E+00	6.268E+00	1.339E+00
3.400E+03	2.012E-05	1.412E+02	7.553E+01	5.102E+00	1.998E+00	7.791E+00	5.712E+00	1.362E+00
3.500E+03	1.953E-05	1.439E+02	7.575E+01	5.203E+00	1.999E+00	7.475E+00	5.429E+00	1.376E+00
3.600E+03	1.898E-05	1.467E+02	7.596E+01	5.291E+00	1.999E+00	7.317E+00	5.289E+00	1.383E+00
3.700E+03	1.847E-05	1.493E+02	7.612E+01	5.369E+00	2.000E+00	7.257E+00	5.238E+00	1.385E+00
3.800E+03	1.798E-05	1.520E+02	7.635E+01	5.437E+00	2.000E+00	7.279E+00	5.262E+00	1.383E+00
3.900E+03	1.752E-05	1.547E+02	7.654E+01	5.493E+00	2.000E+00	7.411E+00	5.388E+00	1.375E+00

Table I. - Continued.

T	PHI/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
4.000E+03	1.708E-05	1.574E+02	7.673E+01	5.529E+00	2.000E+00	7.733E+00	5.692E+00	1.358E+00
4.100E+03	1.665E-05	1.604E+02	7.693E+01	5.536E+00	2.001E+00	8.415E+00	6.332E+00	1.328E+00
4.200E+03	1.625E-05	1.637E+02	7.715E+01	5.512E+00	2.003E+00	9.774E+00	7.601E+00	1.284E+00
4.300E+03	1.584E-05	1.677E+02	7.741E+01	5.466E+00	2.005E+00	1.236E+01	1.000E+01	1.232E+00
4.400E+03	1.544E-05	1.730E+02	7.774E+01	5.425E+00	2.011E+00	1.705E+01	1.434E+01	1.182E+00
4.500E+03	1.502E-05	1.806E+02	7.821E+01	5.410E+00	2.021E+00	2.515E+01	2.177E+01	1.144E+00
4.600E+03	1.457E-05	1.920E+02	7.889E+01	5.433E+00	2.039E+00	3.826E+01	3.359E+01	1.119E+00
4.700E+03	1.405E-05	2.074E+02	7.991E+01	5.495E+00	2.070E+00	5.772E+01	5.076E+01	1.104E+00
4.800E+03	1.345E-05	2.351E+02	8.139E+01	5.596E+00	2.117E+00	8.356E+01	7.287E+01	1.095E+00
4.900E+03	1.276E-05	2.710E+02	8.341E+01	5.734E+00	2.185E+00	1.132E+02	9.733E+01	1.092E+00
5.000E+03	1.201E-05	3.178E+02	8.599E+01	5.907E+00	2.275E+00	1.411E+02	1.196E+02	1.090E+00
5.100E+03	1.124E-05	3.733E+02	8.899E+01	6.108E+00	2.384E+00	1.604E+02	1.344E+02	1.091E+00
5.200E+03	1.051E-05	4.334E+02	9.218E+01	6.323E+00	2.501E+00	1.655E+02	1.382E+02	1.093E+00
5.300E+03	9.854E-06	4.926E+02	9.526E+01	6.539E+00	2.616E+00	1.555E+02	1.303E+02	1.096E+00
5.400E+03	9.305E-06	5.460E+02	9.799E+01	6.744E+00	2.719E+00	1.347E+02	1.137E+02	1.101E+00
5.500E+03	8.838E-06	5.907E+02	1.002E+02	6.933E+00	2.805E+00	1.098E+02	9.340E+01	1.108E+00
5.600E+03	8.498E-06	6.265E+02	1.020E+02	7.106E+00	2.871E+00	8.639E+01	7.389E+01	1.115E+00
5.700E+03	8.203E-06	6.546E+02	1.033E+02	7.268E+00	2.922E+00	6.754E+01	5.781E+01	1.128E+00
5.800E+03	7.957E-06	6.756E+02	1.044E+02	7.421E+00	2.961E+00	5.386E+01	4.594E+01	1.140E+00
5.900E+03	7.744E-06	6.945E+02	1.052E+02	7.565E+00	2.990E+00	4.476E+01	3.796E+01	1.153E+00
6.000E+03	7.554E-06	7.098E+02	1.059E+02	7.696E+00	3.015E+00	3.930E+01	3.313E+01	1.164E+00
6.100E+03	7.379E-06	7.237E+02	1.066E+02	7.810E+00	3.036E+00	3.655E+01	3.067E+01	1.171E+00
6.200E+03	7.213E-06	7.368E+02	1.071E+02	7.909E+00	3.055E+00	3.579E+01	2.998E+01	1.174E+00
6.300E+03	7.054E-06	7.500E+02	1.077E+02	7.995E+00	3.075E+00	3.650E+01	3.057E+01	1.173E+00
6.400E+03	6.899E-06	7.637E+02	1.083E+02	8.074E+00	3.095E+00	3.831E+01	3.213E+01	1.170E+00
6.500E+03	6.746E-06	7.782E+02	1.089E+02	8.151E+00	3.116E+00	4.097E+01	3.442E+01	1.166E+00
6.600E+03	6.595E-06	7.938E+02	1.094E+02	8.228E+00	3.139E+00	4.429E+01	3.726E+01	1.162E+00
6.700E+03	6.444E-06	8.107E+02	1.103E+02	8.308E+00	3.165E+00	4.812E+01	4.053E+01	1.157E+00
6.800E+03	6.293E-06	8.291E+02	1.110E+02	8.393E+00	3.193E+00	5.236E+01	4.412E+01	1.153E+00
6.900E+03	6.142E-06	8.491E+02	1.118E+02	8.483E+00	3.224E+00	5.691E+01	4.793E+01	1.150E+00
7.000E+03	5.991E-06	8.708E+02	1.127E+02	8.579E+00	3.258E+00	6.164E+01	5.187E+01	1.147E+00
7.100E+03	5.840E-06	8.942E+02	1.136E+02	8.680E+00	3.295E+00	6.646E+01	5.584E+01	1.145E+00
7.200E+03	5.690E-06	9.194E+02	1.145E+02	8.787E+00	3.335E+00	7.124E+01	5.975E+01	1.143E+00
7.300E+03	5.541E-06	9.464E+02	1.155E+02	8.899E+00	3.378E+00	7.589E+01	6.350E+01	1.142E+00
7.400E+03	5.393E-06	9.750E+02	1.166E+02	9.017E+00	3.424E+00	8.028E+01	6.703E+01	1.141E+00
7.500E+03	5.247E-06	1.005E+03	1.177E+02	9.138E+00	3.472E+00	8.435E+01	7.027E+01	1.140E+00
7.600E+03	5.104E-06	1.037E+03	1.189E+02	9.264E+00	3.522E+00	8.803E+01	7.319E+01	1.140E+00
7.700E+03	4.964E-06	1.070E+03	1.200E+02	9.392E+00	3.575E+00	9.132E+01	7.580E+01	1.139E+00
7.800E+03	4.828E-06	1.104E+03	1.212E+02	9.523E+00	3.628E+00	9.430E+01	7.816E+01	1.139E+00
7.900E+03	4.695E-06	1.139E+03	1.224E+02	9.655E+00	3.684E+00	9.709E+01	8.038E+01	1.139E+00
8.000E+03	4.567E-06	1.175E+03	1.237E+02	9.789E+00	3.740E+00	9.987E+01	8.261E+01	1.138E+00
8.100E+03	4.432E-06	1.250E+03	1.262E+02	1.006E+01	3.856E+00	1.063E+02	8.780E+01	1.137E+00
8.200E+03	4.290E-06	1.331E+03	1.289E+02	1.033E+01	3.977E+00	1.151E+02	9.495E+01	1.135E+00
8.300E+03	4.149E-06	1.419E+03	1.317E+02	1.061E+01	4.108E+00	1.271E+02	1.045E+02	1.133E+00
8.400E+03	4.053E-06	1.517E+03	1.348E+02	1.091E+01	4.250E+00	1.414E+02	1.158E+02	1.132E+00
9.000E+03	3.445E-06	1.626E+03	1.382E+02	1.123E+01	4.407E+00	1.562E+02	1.272E+02	1.131E+00
9.200E+03	3.245E-06	1.746E+03	1.417E+02	1.157E+01	4.577E+00	1.688E+02	1.367E+02	1.131E+00
9.400E+03	3.056E-06	1.872E+03	1.455E+02	1.193E+01	4.757E+00	1.764E+02	1.424E+02	1.132E+00
9.600E+03	2.882E-06	2.002E+03	1.492E+02	1.230E+01	4.939E+00	1.771E+02	1.427E+02	1.135E+00
9.800E+03	2.725E-06	2.130E+03	1.528E+02	1.267E+01	5.116E+00	1.703E+02	1.374E+02	1.138E+00
1.000E+04	2.588E-06	2.250E+03	1.561E+02	1.303E+01	5.280E+00	1.567E+02	1.268E+02	1.143E+00
1.020E+04	2.469E-06	2.358E+03	1.590E+02	1.338E+01	5.426E+00	1.387E+02	1.127E+02	1.150E+00
1.040E+04	2.367E-06	2.453E+03	1.615E+02	1.372E+01	5.549E+00	1.189E+02	9.684E+01	1.159E+00
1.060E+04	2.281E-06	2.533E+03	1.636E+02	1.404E+01	5.651E+00	9.901E+01	8.117E+01	1.170E+00
1.080E+04	2.207E-06	2.599E+03	1.653E+02	1.436E+01	5.731E+00	8.234E+01	6.693E+01	1.184E+00
1.100E+04	2.144E-06	2.654E+03	1.667E+02	1.467E+01	5.794E+00	6.782E+01	5.477E+01	1.201E+00
1.120E+04	2.088E-06	2.699E+03	1.678E+02	1.499E+01	5.843E+00	5.611E+01	4.486E+01	1.221E+00
1.140E+04	2.038E-06	2.737E+03	1.687E+02	1.532E+01	5.880E+00	4.696E+01	3.704E+01	1.244E+00
1.160E+04	1.994E-06	2.768E+03	1.695E+02	1.564E+01	5.908E+00	3.995E+01	3.101E+01	1.269E+00
1.180E+04	1.953E-06	2.795E+03	1.701E+02	1.597E+01	5.929E+00	3.466E+01	2.644E+01	1.296E+00
1.200E+04	1.915E-06	2.820E+03	1.706E+02	1.629E+01	5.945E+00	3.073E+01	2.305E+01	1.322E+00
1.220E+04	1.880E-06	2.841E+03	1.711E+02	1.659E+01	5.958E+00	2.784E+01	2.053E+01	1.346E+00
1.240E+04	1.847E-06	2.860E+03	1.716E+02	1.687E+01	5.967E+00	2.576E+01	1.873E+01	1.367E+00
1.260E+04	1.815E-06	2.879E+03	1.720E+02	1.712E+01	5.975E+00	2.433E+01	1.750E+01	1.384E+00
1.280E+04	1.785E-06	2.896E+03	1.723E+02	1.733E+01	5.981E+00	2.343E+01	1.674E+01	1.395E+00
1.300E+04	1.756E-06	2.913E+03	1.727E+02	1.750E+01	5.986E+00	2.300E+01	1.638E+01	1.399E+00
1.320E+04	1.728E-06	2.930E+03	1.730E+02	1.763E+01	5.991E+00	2.299E+01	1.611E+01	1.397E+00
1.340E+04	1.701E-06	2.947E+03	1.734E+02	1.771E+01	5.995E+00	2.342E+01	1.682E+01	1.388E+00
1.360E+04	1.674E-06	2.964E+03	1.737E+02	1.775E+01	6.000E+00	2.430E+01	1.765E+01	1.373E+00
1.380E+04	1.649E-06	2.983E+03	1.741E+02	1.776E+01	6.005E+00	2.570E+01	1.894E+01	1.353E+00
1.400E+04	1.624E-06	3.002E+03	1.745E+02	1.774E+01	6.011E+00	2.770E+01	2.076E+01	1.330E+00
1.420E+04	1.599E-06	3.023E+03	1.749E+02	1.771E+01	6.019E+00	3.039E+01	2.319E+01	1.304E+00
1.440E+04	1.574E-06	3.047E+03	1.754E+02	1.767E+01	6.028E+00	3.387E+01	2.633E+01	1.279E+00
1.460E+04	1.550E-06	3.073E+03	1.759E+02	1.764E+01	6.039E+00	3.823E+01	3.023E+01	1.255E+00
1.480E+04	1.525E-06	3.103E+03	1.764E+02	1.763E+01	6.054E+00	4.360E+01	3.503E+01	1.234E+00
1.500E+04	1.500E-06	3.137E+03	1.770E+02	1.764E+01	6.071E+00	4.997E+01	4.067E+01	1.215E+00
1.520E+04	1.475E-06	3.177E+03	1.777E+02	1.767E+01	6.093E+00	5.732E+01	4.714E+01	1.199E+00
1.540E+04	1.450E-06	3.222E+03	1.785E+02	1.773E+01	6.120E+00	6.554E+01	5.431E+01	1.186E+00
1.560E+04	1.424E-06	3.273E+03	1.794E+02	1.782E+01	6.152E+00	7.437E+01	6.195E+01	1.176E+00
1.580E+04	1.397E-06	3.331E+03	1.805E+02	1.792E+01	6.189E+00	8.347E+01	6.975E+01	1.168E+00
1.600E+04	1.371E-06	3.395E+03	1.816E+02	1.805E+01	6.231E+00	9.238E+01	7.732E+01	1.162E+00
1.620E+04	1.343E-06	3.466E+03	1.828E+02	1.820E+01	6.278E+00	1.006E+02	8.425E+01	1.158E+00
1.640E+04	1.316E-06	3.542E+03	1.840E+02	1.836E+01	6.330E+00	1.077E+02	9.016E+01	1.155E+00
1.660E+04	1.289E-06	3.623E+03	1.854E+02	1.854E+01	6.385E+00	1.133E+02	9.476E+01	1.153E+00



Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.680E+04	1.262E-06	3.707E+03	1.868E+02	1.873E+01	6.443E+00	1.172E+02	9.792E+01	1.152E+00
1.700E+04	1.236E-06	3.796E+03	1.882E+02	1.893E+01	6.502E+00	1.193E+02	9.966E+01	1.152E+00
1.720E+04	1.211E-06	3.882E+03	1.896E+02	1.913E+01	6.561E+00	1.200E+02	1.002E+02	1.152E+00
1.740E+04	1.186E-06	3.970E+03	1.709E+02	1.933E+01	6.619E+00	1.196E+02	9.987E+01	1.153E+00
1.760E+04	1.163E-06	4.057E+03	1.723E+02	1.952E+01	6.676E+00	1.187E+02	9.915E+01	1.153E+00
1.780E+04	1.140E-06	4.143E+03	1.936E+02	1.972E+01	6.732E+00	1.179E+02	9.857E+01	1.153E+00
1.800E+04	1.119E-06	4.230E+03	1.950E+02	1.990E+01	6.786E+00	1.178E+02	9.804E+01	1.153E+00
1.820E+04	1.098E-06	4.316E+03	1.963E+02	2.008E+01	6.839E+00	1.190E+02	9.986E+01	1.151E+00
1.840E+04	1.078E-06	4.404E+03	1.976E+02	2.025E+01	6.892E+00	1.220E+02	1.026E+02	1.149E+00
1.860E+04	1.058E-06	4.495E+03	1.989E+02	2.041E+01	6.945E+00	1.271E+02	1.072E+02	1.146E+00
1.880E+04	1.038E-06	4.591E+03	2.003E+02	2.056E+01	7.000E+00	1.345E+02	1.136E+02	1.142E+00
1.900E+04	1.019E-06	4.693E+03	2.018E+02	2.072E+01	7.058E+00	1.442E+02	1.221E+02	1.138E+00

P/PO = 0.00E-04

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E-03	-1.718E+02	2.894E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E-04	-1.705E+02	3.146E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E-04	-1.690E+02	3.315E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E-04	-1.672E+02	3.450E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E-04	-1.653E+02	3.565E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E-04	-1.633E+02	3.666E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E-04	-1.612E+02	3.756E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E-04	-1.590E+02	3.837E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E-04	-1.567E+02	3.911E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E-04	-1.543E+02	3.979E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	1.491E-04	-1.519E+02	4.041E+01	1.909E+00	1.000E+00	6.648E+00	5.648E+00	1.177E+00
1.200E+03	1.366E-04	-1.494E+02	4.100E+01	1.990E+00	1.000E+00	6.796E+00	5.796E+00	1.173E+00
1.300E+03	1.261E-04	-1.469E+02	4.155E+01	2.066E+00	1.000E+00	7.024E+00	6.017E+00	1.167E+00
1.400E+03	1.170E-04	-1.443E+02	4.209E+01	2.137E+00	1.001E+00	7.479E+00	6.454E+00	1.158E+00
1.500E+03	1.091E-04	-1.414E+02	4.263E+01	2.200E+00	1.002E+00	8.420E+00	7.353E+00	1.144E+00
1.600E+03	1.019E-04	-1.380E+02	4.323E+01	2.257E+00	1.005E+00	1.026E+01	9.095E+00	1.126E+00
1.700E+03	9.526E-05	-1.337E+02	4.394E+01	2.315E+00	1.012E+00	1.356E+01	1.219E+01	1.107E+00
1.800E+03	8.879E-05	-1.278E+02	4.485E+01	2.382E+00	1.026E+00	1.897E+01	1.722E+01	1.092E+00
1.900E+03	8.224E-05	-1.195E+02	4.609E+01	2.465E+00	1.049E+00	2.712E+01	2.466E+01	1.083E+00
2.000E+03	7.539E-05	-1.076E+02	4.775E+01	2.568E+00	1.087E+00	3.826E+01	3.458E+01	1.078E+00
2.100E+03	6.822E-05	-9.114E+01	4.994E+01	2.699E+00	1.145E+00	5.187E+01	4.632E+01	1.077E+00
2.200E+03	6.091E-05	-8.949E+01	5.268E+01	2.858E+00	1.224E+00	6.633E+01	5.833E+01	1.078E+00
2.300E+03	5.381E-05	-8.275E+01	5.593E+01	3.045E+00	1.325E+00	7.928E+01	6.861E+01	1.081E+00
2.400E+03	4.729E-05	-1.190E+01	5.951E+01	3.254E+00	1.445E+00	8.842E+01	7.547E+01	1.086E+00
2.500E+03	4.162E-05	2.124E+01	6.321E+01	3.478E+00	1.576E+00	9.133E+01	7.726E+01	1.091E+00
2.600E+03	3.697E-05	5.379E+01	6.670E+01	3.702E+00	1.706E+00	8.461E+01	7.147E+01	1.098E+00
2.700E+03	3.343E-05	8.187E+01	6.959E+01	3.911E+00	1.817E+00	6.738E+01	5.724E+01	1.109E+00
2.800E+03	3.088E-05	1.026E+02	7.166E+01	4.099E+00	1.894E+00	4.615E+01	3.939E+01	1.125E+00
2.900E+03	2.908E-05	1.162E+02	7.295E+01	4.274E+00	1.945E+00	2.911E+01	2.467E+01	1.152E+00
3.000E+03	2.773E-05	1.248E+02	7.375E+01	4.452E+00	1.971E+00	1.863E+01	1.542E+01	1.192E+00
3.100E+03	2.665E-05	1.304E+02	7.426E+01	4.635E+00	1.985E+00	1.300E+01	1.039E+01	1.242E+00
3.200E+03	2.573E-05	1.346E+02	7.462E+01	4.811E+00	1.992E+00	1.013E+01	7.815E+00	1.291E+00
3.300E+03	2.490E-05	1.380E+02	7.491E+01	4.964E+00	1.995E+00	8.681E+00	6.511E+00	1.330E+00
3.400E+03	2.414E-05	1.411E+02	7.516E+01	5.090E+00	1.997E+00	7.940E+00	5.846E+00	1.357E+00
3.500E+03	2.344E-05	1.439E+02	7.538E+01	5.196E+00	1.998E+00	7.558E+00	5.503E+00	1.372E+00
3.600E+03	2.278E-05	1.466E+02	7.559E+01	5.287E+00	1.999E+00	7.363E+00	5.330E+00	1.381E+00
3.700E+03	2.216E-05	1.493E+02	7.579E+01	5.367E+00	1.999E+00	7.278E+00	5.256E+00	1.384E+00
3.800E+03	2.158E-05	1.520E+02	7.599E+01	5.438E+00	2.000E+00	7.277E+00	5.259E+00	1.383E+00
3.900E+03	2.102E-05	1.546E+02	7.618E+01	5.497E+00	2.000E+00	7.376E+00	5.355E+00	1.377E+00
4.000E+03	2.049E-05	1.574E+02	7.637E+01	5.538E+00	2.000E+00	7.640E+00	5.604E+00	1.363E+00
4.100E+03	1.999E-05	1.603E+02	7.656E+01	5.554E+00	2.001E+00	8.206E+00	6.136E+00	1.337E+00
4.200E+03	1.950E-05	1.635E+02	7.677E+01	5.58E+00	2.002E+00	9.339E+00	7.145E+00	1.297E+00
4.300E+03	1.902E-05	1.672E+02	7.701E+01	5.497E+00	2.003E+00	1.150E+01	9.206E+00	1.246E+00
4.400E+03	1.855E-05	1.721E+02	7.732E+01	5.453E+00	2.009E+00	1.545E+01	1.286E+01	1.196E+00
4.500E+03	1.806E-05	1.789E+02	7.774E+01	5.430E+00	2.018E+00	2.231E+01	1.916E+01	1.154E+00
4.600E+03	1.753E-05	1.890E+02	7.834E+01	5.442E+00	2.033E+00	3.355E+01	2.935E+01	1.126E+00
4.700E+03	1.694E-05	2.042E+02	7.923E+01	5.492E+00	2.059E+00	5.062E+01	4.451E+01	1.108E+00
4.800E+03	1.627E-05	2.268E+02	8.053E+01	5.580E+00	2.100E+00	7.402E+01	6.473E+01	1.098E+00
4.900E+03	1.549E-05	2.590E+02	8.234E+01	5.705E+00	2.160E+00	1.022E+02	8.821E+01	1.093E+00
5.000E+03	1.462E-05	3.017E+02	8.470E+01	5.866E+00	2.242E+00	1.306E+02	1.111E+02	1.091E+00
5.100E+03	1.372E-05	3.539E+02	8.752E+01	6.057E+00	2.344E+00	1.531E+02	1.286E+02	1.091E+00
5.200E+03	1.283E-05	4.122E+02	9.062E+01	6.267E+00	2.458E+00	1.633E+02	1.364E+02	1.093E+00
5.300E+03	1.202E-05	4.716E+02	9.371E+01	6.483E+00	2.573E+00	1.588E+02	1.327E+02	1.092E+00
5.400E+03	1.133E-05	5.270E+02	9.653E+01	6.691E+00	2.680E+00	1.419E+02	1.193E+02	1.100E+00
5.500E+03	1.075E-05	5.747E+02	9.893E+01	6.886E+00	2.772E+00	1.185E+02	1.004E+02	1.106E+00
5.600E+03	1.029E-05	6.137E+02	1.008E+02	7.064E+00	2.845E+00	9.465E+01	8.074E+01	1.113E+00
5.700E+03	9.913E-06	6.445E+02	1.023E+02	7.230E+00	2.902E+00	7.426E+01	6.351E+01	1.123E+00
5.800E+03	9.601E-06	6.687E+02	1.035E+02	7.386E+00	2.945E+00	5.877E+01	5.018E+01	1.136E+00
5.900E+03	9.333E-06	6.881E+02	1.044E+02	7.533E+00	2.977E+00	4.801E+01	4.079E+01	1.148E+00
6.000E+03	9.098E-06	7.043E+02	1.051E+02	7.670E+00	3.004E+00	4.116E+01	3.475E+01	1.160E+00
6.100E+03	8.883E-06	7.186E+02	1.058E+02	7.792E+00	3.026E+00	3.731E+01	3.134E+01	1.179E+00
6.200E+03	8.683E-06	7.319E+02	1.064E+02	7.898E+00	3.046E+00	3.569E+01	2.986E+01	1.174E+00
6.300E+03	8.492E-06	7.449E+02	1.069E+02	7.990E+00	3.067E+00	3.571E+01	2.987E+01	1.175E+00
6.400E+03	8.307E-06	7.582E+02	1.075E+02	8.072E+00	3.084E+00	3.695E+01	3.093E+01	1.173E+00
6.500E+03	8.125E-06	7.721E+02	1.081E+02	8.149E+00	3.105E+00	3.911E+01	3.279E+01	1.170E+00



Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
6.600E+03	7.946E-06	7.869E+02	1.087E+02	8.225E+00	3.127E+00	4.200E+01	3.527E+01	1.165E+00
6.700E+03	7.768E-06	8.029E+02	1.094E+02	8.303E+00	3.150E+00	4.545E+01	3.822E+01	1.161E+00
6.800E+03	7.590E-06	8.203E+02	1.101E+02	8.384E+00	3.177E+00	4.936E+01	4.153E+01	1.157E+00
6.900E+03	7.413E-06	8.391E+02	1.108E+02	8.471E+00	3.206E+00	5.360E+01	4.511E+01	1.153E+00
7.000E+03	7.235E-06	8.595E+02	1.116E+02	8.562E+00	3.237E+00	5.810E+01	4.886E+01	1.150E+00
7.100E+03	7.058E-06	8.817E+02	1.125E+02	8.659E+00	3.272E+00	6.274E+01	5.271E+01	1.147E+00
7.200E+03	6.881E-06	9.055E+02	1.134E+02	8.762E+00	3.310E+00	6.742E+01	5.655E+01	1.145E+00
7.300E+03	6.704E-06	9.310E+02	1.144E+02	8.877E+00	3.350E+00	7.204E+01	6.030E+01	1.144E+00
7.400E+03	6.529E-06	9.582E+02	1.154E+02	8.984E+00	3.393E+00	7.650E+01	6.389E+01	1.143E+00
7.500E+03	6.356E-06	9.870E+02	1.164E+02	9.102E+00	3.439E+00	8.070E+01	6.725E+01	1.142E+00
7.600E+03	6.186E-06	1.017E+03	1.175E+02	9.224E+00	3.488E+00	8.457E+01	7.033E+01	1.141E+00
7.700E+03	6.019E-06	1.049E+03	1.187E+02	9.349E+00	3.538E+00	8.808E+01	7.311E+01	1.141E+00
7.800E+03	5.856E-06	1.082E+03	1.198E+02	9.477E+00	3.590E+00	9.126E+01	7.562E+01	1.140E+00
7.900E+03	5.697E-06	1.116E+03	1.210E+02	9.608E+00	3.643E+00	9.418E+01	7.793E+01	1.140E+00
8.000E+03	5.542E-06	1.151E+03	1.222E+02	9.739E+00	3.698E+00	9.696E+01	8.015E+01	1.140E+00
8.100E+03	5.247E-06	1.224E+03	1.247E+02	1.001E+01	3.811E+00	1.029E+02	8.493E+01	1.139E+00
8.200E+03	4.968E-06	1.302E+03	1.272E+02	1.028E+01	3.929E+00	1.106E+02	9.117E+01	1.137E+00
8.300E+03	4.702E-06	1.386E+03	1.299E+02	1.055E+01	4.054E+00	1.211E+02	9.960E+01	1.135E+00
8.400E+03	4.446E-06	1.480E+03	1.329E+02	1.084E+01	4.191E+00	1.342E+02	1.100E+02	1.133E+00
8.500E+03	4.198E-06	1.583E+03	1.360E+02	1.115E+01	4.340E+00	1.486E+02	1.211E+02	1.132E+00
8.600E+03	3.958E-06	1.697E+03	1.395E+02	1.148E+01	4.502E+00	1.619E+02	1.312E+02	1.132E+00
8.700E+03	3.731E-06	1.819E+03	1.431E+02	1.183E+01	4.676E+00	1.715E+02	1.385E+02	1.133E+00
8.800E+03	3.518E-06	1.947E+03	1.467E+02	1.220E+01	4.855E+00	1.753E+02	1.412E+02	1.135E+00
8.900E+03	3.325E-06	2.074E+03	1.503E+02	1.256E+01	5.032E+00	1.720E+02	1.385E+02	1.138E+00
9.000E+03	3.153E-06	2.197E+03	1.537E+02	1.293E+01	5.201E+00	1.618E+02	1.305E+02	1.142E+00
1.020E+04	3.003E-06	2.310E+03	1.568E+02	1.328E+01	5.354E+00	1.462E+02	1.184E+02	1.148E+00
1.040E+04	2.874E-06	2.410E+03	1.594E+02	1.362E+01	5.487E+00	1.276E+02	1.037E+02	1.155E+00
1.060E+04	2.763E-06	2.497E+03	1.617E+02	1.395E+01	5.568E+00	1.085E+02	8.828E+01	1.165E+00
1.080E+04	2.669E-06	2.570E+03	1.635E+02	1.426E+01	5.688E+00	9.059E+01	7.366E+01	1.177E+00
1.100E+04	2.588E-06	2.630E+03	1.650E+02	1.458E+01	5.759E+00	7.501E+01	6.074E+01	1.192E+00
1.120E+04	2.518E-06	2.680E+03	1.663E+02	1.489E+01	5.815E+00	6.212E+01	4.991E+01	1.211E+00
1.140E+04	2.455E-06	2.722E+03	1.673E+02	1.521E+01	5.858E+00	5.182E+01	4.117E+01	1.232E+00
1.160E+04	2.400E-06	2.757E+03	1.681E+02	1.553E+01	5.891E+00	4.381E+01	3.431E+01	1.255E+00
1.180E+04	2.349E-06	2.786E+03	1.688E+02	1.586E+01	5.916E+00	3.769E+01	2.904E+01	1.280E+00
1.200E+04	2.302E-06	2.812E+03	1.694E+02	1.618E+01	5.935E+00	3.307E+01	2.505E+01	1.306E+00
1.220E+04	2.259E-06	2.835E+03	1.699E+02	1.648E+01	5.949E+00	2.963E+01	2.207E+01	1.331E+00
1.240E+04	2.218E-06	2.856E+03	1.704E+02	1.678E+01	5.961E+00	2.711E+01	1.989E+01	1.354E+00
1.260E+04	2.180E-06	2.875E+03	1.708E+02	1.704E+01	5.970E+00	2.531E+01	1.834E+01	1.373E+00
1.280E+04	2.143E-06	2.893E+03	1.712E+02	1.727E+01	5.977E+00	2.410E+01	1.731E+01	1.387E+00
1.300E+04	2.108E-06	2.910E+03	1.715E+02	1.747E+01	5.983E+00	2.339E+01	1.671E+01	1.395E+00
1.320E+04	2.075E-06	2.927E+03	1.719E+02	1.762E+01	5.988E+00	2.312E+01	1.650E+01	1.397E+00
1.340E+04	2.042E-06	2.944E+03	1.722E+02	1.773E+01	5.992E+00	2.327E+01	1.667E+01	1.392E+00
1.360E+04	2.010E-06	2.962E+03	1.726E+02	1.780E+01	5.997E+00	2.386E+01	1.722E+01	1.381E+00
1.380E+04	1.980E-06	2.979E+03	1.730E+02	1.783E+01	6.002E+00	2.491E+01	1.820E+01	1.364E+00
1.400E+04	1.950E-06	2.998E+03	1.733E+02	1.783E+01	6.007E+00	2.650E+01	1.966E+01	1.344E+00
1.420E+04	1.920E-06	3.018E+03	1.737E+02	1.781E+01	6.014E+00	2.871E+01	2.166E+01	1.320E+00
1.440E+04	1.891E-06	3.040E+03	1.741E+02	1.777E+01	6.022E+00	3.162E+01	2.429E+01	1.295E+00
1.460E+04	1.862E-06	3.063E+03	1.746E+02	1.774E+01	6.032E+00	3.533E+01	2.763E+01	1.271E+00
1.480E+04	1.833E-06	3.092E+03	1.751E+02	1.772E+01	6.044E+00	3.994E+01	3.175E+01	1.248E+00
1.500E+04	1.804E-06	3.124E+03	1.757E+02	1.772E+01	6.059E+00	4.550E+01	3.669E+01	1.228E+00
1.520E+04	1.775E-06	3.159E+03	1.763E+02	1.774E+01	6.078E+00	5.204E+01	4.246E+01	1.210E+00
1.540E+04	1.745E-06	3.200E+03	1.770E+02	1.778E+01	6.102E+00	5.948E+01	4.899E+01	1.196E+00
1.560E+04	1.715E-06	3.246E+03	1.779E+02	1.785E+01	6.130E+00	6.769E+01	5.613E+01	1.184E+00
1.580E+04	1.684E-06	3.299E+03	1.788E+02	1.794E+01	6.162E+00	7.639E+01	6.363E+01	1.175E+00
1.600E+04	1.653E-06	3.358E+03	1.798E+02	1.805E+01	6.200E+00	8.522E+01	7.118E+01	1.167E+00
1.620E+04	1.621E-06	3.424E+03	1.809E+02	1.818E+01	6.244E+00	9.376E+01	7.840E+01	1.162E+00
1.640E+04	1.589E-06	3.495E+03	1.821E+02	1.833E+01	6.291E+00	1.015E+02	8.491E+01	1.158E+00
1.660E+04	1.557E-06	3.572E+03	1.834E+02	1.850E+01	6.343E+00	1.081E+02	9.038E+01	1.156E+00
1.680E+04	1.525E-06	3.653E+03	1.847E+02	1.868E+01	6.398E+00	1.132E+02	9.458E+01	1.154E+00
1.700E+04	1.494E-06	3.738E+03	1.861E+02	1.887E+01	6.455E+00	1.167E+02	9.741E+01	1.153E+00
1.720E+04	1.464E-06	3.824E+03	1.874E+02	1.906E+01	6.514E+00	1.186E+02	9.895E+01	1.153E+00
1.740E+04	1.434E-06	3.911E+03	1.888E+02	1.926E+01	6.572E+00	1.192E+02	9.941E+01	1.153E+00
1.760E+04	1.405E-06	3.998E+03	1.902E+02	1.946E+01	6.629E+00	1.189E+02	9.916E+01	1.154E+00
1.780E+04	1.378E-06	4.085E+03	1.915E+02	1.966E+01	6.686E+00	1.182E+02	9.866E+01	1.154E+00
1.800E+04	1.351E-06	4.171E+03	1.928E+02	1.984E+01	6.741E+00	1.177E+02	9.840E+01	1.154E+00
1.820E+04	1.326E-06	4.258E+03	1.941E+02	2.003E+01	6.795E+00	1.181E+02	9.886E+01	1.153E+00
1.840E+04	1.301E-06	4.345E+03	1.954E+02	2.020E+01	6.848E+00	1.198E+02	1.005E+02	1.151E+00
1.860E+04	1.277E-06	4.434E+03	1.968E+02	2.037E+01	6.900E+00	1.233E+02	1.036E+02	1.149E+00
1.880E+04	1.254E-06	4.526E+03	1.981E+02	2.053E+01	6.954E+00	1.288E+02	1.085E+02	1.146E+00
1.900E+04	1.231E-06	4.623E+03	1.995E+02	2.068E+01	7.010E+00	1.365E+02	1.152E+02	1.142E+00
1.920E+04	1.208E-06	4.726E+03	2.010E+02	2.085E+01	7.069E+00	1.464E+02	1.238E+02	1.138E+00
1.940E+04	1.185E-06	4.838E+03	2.026E+02	2.101E+01	7.131E+00	1.582E+02	1.338E+02	1.135E+00
1.960E+04	1.162E-06	4.958E+03	2.042E+02	2.119E+01	7.199E+00	1.715E+02	1.451E+02	1.131E+00
1.980E+04	1.139E-06	5.089E+03	2.061E+02	2.138E+01	7.272E+00	1.858E+02	1.571E+02	1.129E+00
2.000E+04	1.115E-06	5.230E+03	2.080E+02	2.158E+01	7.351E+00	2.004E+02	1.691E+02	1.127E+00
2.020E+04	1.092E-06	5.382E+03	2.101E+02	2.180E+01	7.436E+00	2.143E+02	1.805E+02	1.125E+00
2.040E+04	1.068E-06	5.544E+03	2.122E+02	2.203E+01	7.526E+00	2.267E+02	1.905E+02	1.124E+00
2.060E+04	1.044E-06	5.714E+03	2.145E+02	2.228E+01	7.621E+00	2.367E+02	1.985E+02	1.124E+00
2.080E+04	1.021E-06	5.890E+03	2.168E+02	2.253E+01	7.719E+00	2.438E+02	2.040E+02	1.124E+00

Table I. - Continued.

P/PO = 7.00E-04

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E-03	-1.718E+02	2.878E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	9.564E-04	-1.705E+02	3.130E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.373E-04	-1.690E+02	3.299E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E-04	-1.672E+02	3.435E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.826E-04	-1.653E+02	3.550E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E-04	-1.633E+02	3.651E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E-04	-1.612E+02	3.741E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E-04	-1.590E+02	3.822E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E-04	-1.567E+02	3.896E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E-04	-1.543E+02	3.963E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	1.739E-04	-1.519E+02	4.026E+01	1.909E+00	1.000E+00	6.647E+00	5.647E+00	1.177E+00
1.200E+03	1.594E-04	-1.494E+02	4.076E+01	1.990E+00	1.000E+00	6.793E+00	5.793E+00	1.173E+00
1.300E+03	1.471E-04	-1.469E+02	4.140E+01	2.067E+00	1.000E+00	7.015E+00	6.008E+00	1.168E+00
1.400E+03	1.365E-04	-1.443E+02	4.193E+01	2.143E+00	1.001E+00	7.450E+00	6.427E+00	1.159E+00
1.500E+03	1.273E-04	-1.414E+02	4.247E+01	2.200E+00	1.002E+00	8.347E+00	7.284E+00	1.145E+00
1.600E+03	1.189E-04	-1.381E+02	4.306E+01	2.258E+00	1.005E+00	1.012E+00	8.942E+00	1.127E+00
1.700E+03	1.112E-04	-1.338E+02	4.376E+01	2.316E+00	1.012E+00	1.323E+01	1.189E+01	1.109E+00
1.800E+03	1.037E-04	-1.281E+02	4.465E+01	2.382E+00	1.025E+00	1.899E+01	1.668E+01	1.094E+00
1.900E+03	9.616E-05	-1.201E+02	4.584E+01	2.463E+00	1.047E+00	2.616E+01	2.378E+01	1.084E+00
2.000E+03	8.827E-05	-1.086E+02	4.744E+01	2.564E+00	1.083E+00	3.682E+01	3.330E+01	1.079E+00
2.100E+03	8.007E-05	-9.279E+01	4.954E+01	2.691E+00	1.138E+00	4.994E+01	4.465E+01	1.077E+00
2.200E+03	7.165E-05	-7.191E+01	5.219E+01	2.846E+00	1.214E+00	6.407E+01	5.642E+01	1.079E+00
2.300E+03	6.343E-05	-4.602E+01	5.534E+01	3.029E+00	1.311E+00	7.696E+01	6.770E+01	1.081E+00
2.400E+03	5.584E-05	-1.598E+01	5.883E+01	3.235E+00	1.427E+00	8.642E+01	7.385E+01	1.086E+00
2.500E+03	4.918E-05	1.658E+01	6.246E+01	3.455E+00	1.556E+00	9.028E+01	7.640E+01	1.091E+00
2.600E+03	4.366E-05	4.906E+01	6.594E+01	3.678E+00	1.685E+00	8.540E+01	7.207E+01	1.098E+00
2.700E+03	3.938E-05	7.781E+01	6.890E+01	3.890E+00	1.799E+00	7.013E+01	5.946E+01	1.107E+00
2.800E+03	3.627E-05	9.974E+01	7.108E+01	4.080E+00	1.884E+00	4.948E+01	4.219E+01	1.122E+00
2.900E+03	3.406E-05	1.144E+02	7.249E+01	4.255E+00	1.937E+00	3.171E+01	2.693E+01	1.146E+00
3.000E+03	3.243E-05	1.237E+02	7.336E+01	4.431E+00	1.966E+00	2.025E+01	1.685E+01	1.183E+00
3.100E+03	3.113E-05	1.299E+02	7.391E+01	4.613E+00	1.982E+00	1.391E+01	1.120E+01	1.231E+00
3.200E+03	3.004E-05	1.343E+02	7.429E+01	4.790E+00	1.990E+00	1.062E+01	8.256E+00	1.281E+00
3.300E+03	2.906E-05	1.378E+02	7.459E+01	4.947E+00	1.995E+00	8.949E+00	6.751E+00	1.322E+00
3.400E+03	2.818E-05	1.410E+02	7.484E+01	5.079E+00	1.997E+00	8.089E+00	5.978E+00	1.351E+00
3.500E+03	2.735E-05	1.438E+02	7.507E+01	5.189E+00	1.998E+00	7.641E+00	5.577E+00	1.369E+00
3.600E+03	2.658E-05	1.466E+02	7.528E+01	5.283E+00	1.999E+00	7.410E+00	5.371E+00	1.379E+00
3.700E+03	2.586E-05	1.493E+02	7.548E+01	5.365E+00	1.999E+00	7.301E+00	5.277E+00	1.383E+00
3.800E+03	2.517E-05	1.519E+02	7.568E+01	5.438E+00	2.000E+00	7.281E+00	5.262E+00	1.383E+00
3.900E+03	2.453E-05	1.546E+02	7.587E+01	5.499E+00	2.000E+00	7.355E+00	5.335E+00	1.378E+00
4.000E+03	2.391E-05	1.573E+02	7.605E+01	5.545E+00	2.000E+00	7.575E+00	5.543E+00	1.366E+00
4.100E+03	2.332E-05	1.602E+02	7.625E+01	5.567E+00	2.001E+00	8.058E+00	5.996E+00	1.343E+00
4.200E+03	2.275E-05	1.633E+02	7.645E+01	5.588E+00	2.002E+00	9.029E+00	6.904E+00	1.306E+00
4.300E+03	2.220E-05	1.669E+02	7.668E+01	5.523E+00	2.004E+00	1.089E+01	8.634E+00	1.258E+00
4.400E+03	2.165E-05	1.715E+02	7.697E+01	5.478E+00	2.008E+00	1.429E+01	1.179E+01	1.207E+00
4.500E+03	2.109E-05	1.777E+02	7.735E+01	5.449E+00	2.015E+00	2.024E+01	1.726E+01	1.164E+00
4.600E+03	2.050E-05	1.858E+02	7.790E+01	5.452E+00	2.029E+00	3.009E+01	2.621E+01	1.132E+00
4.700E+03	1.984E-05	2.004E+02	7.869E+01	5.492E+00	2.051E+00	4.526E+01	3.977E+01	1.112E+00
4.800E+03	1.909E-05	2.207E+02	7.966E+01	5.570E+00	2.087E+00	6.659E+01	5.844E+01	1.101E+00
4.900E+03	1.823E-05	2.498E+02	8.150E+01	5.685E+00	2.142E+00	9.317E+01	8.072E+01	1.095E+00
5.000E+03	1.726E-05	2.891E+02	8.367E+01	5.835E+00	2.217E+00	1.215E+02	1.037E+02	1.092E+00
5.100E+03	1.622E-05	3.383E+02	8.633E+01	6.017E+00	2.312E+00	1.458E+02	1.228E+02	1.092E+00
5.200E+03	1.519E-05	3.946E+02	8.932E+01	6.221E+00	2.421E+00	1.599E+02	1.336E+02	1.093E+00
5.300E+03	1.423E-05	4.536E+02	9.239E+01	6.435E+00	2.536E+00	1.600E+02	1.335E+02	1.095E+00
5.400E+03	1.339E-05	5.102E+02	9.527E+01	6.646E+00	2.646E+00	1.470E+02	1.232E+02	1.099E+00
5.500E+03	1.268E-05	5.602E+02	9.778E+01	6.844E+00	2.742E+00	1.255E+02	1.060E+02	1.104E+00
5.600E+03	1.211E-05	6.018E+02	9.983E+01	7.027E+00	2.821E+00	1.018E+02	8.664E+01	1.111E+00
5.700E+03	1.164E-05	6.351E+02	1.014E+02	7.196E+00	2.883E+00	8.044E+01	6.871E+01	1.120E+00
5.800E+03	1.126E-05	6.613E+02	1.027E+02	7.355E+00	2.930E+00	6.349E+01	5.422E+01	1.132E+00
5.900E+03	1.093E-05	6.821E+02	1.037E+02	7.505E+00	2.966E+00	5.128E+01	4.362E+01	1.144E+00
6.000E+03	1.065E-05	6.993E+02	1.044E+02	7.646E+00	2.994E+00	4.319E+01	3.652E+01	1.157E+00
6.100E+03	1.039E-05	7.142E+02	1.051E+02	7.773E+00	3.017E+00	3.834E+01	3.223E+01	1.167E+00
6.200E+03	1.016E-05	7.277E+02	1.057E+02	7.886E+00	3.038E+00	3.592E+01	3.008E+01	1.174E+00
6.300E+03	9.933E-06	7.407E+02	1.063E+02	7.983E+00	3.057E+00	3.531E+01	2.950E+01	1.176E+00
6.400E+03	9.718E-06	7.537E+02	1.068E+02	8.068E+00	3.076E+00	3.602E+01	3.011E+01	1.176E+00
6.500E+03	9.508E-06	7.672E+02	1.074E+02	8.147E+00	3.095E+00	3.775E+01	3.160E+01	1.173E+00
6.600E+03	9.301E-06	7.814E+02	1.080E+02	8.222E+00	3.116E+00	4.026E+01	3.375E+01	1.169E+00
6.700E+03	9.096E-06	7.967E+02	1.086E+02	8.299E+00	3.139E+00	4.338E+01	3.642E+01	1.164E+00
6.800E+03	8.891E-06	8.133E+02	1.093E+02	8.378E+00	3.164E+00	4.699E+01	3.949E+01	1.160E+00
6.900E+03	8.688E-06	8.312E+02	1.100E+02	8.462E+00	3.191E+00	5.097E+01	4.286E+01	1.156E+00
7.000E+03	8.484E-06	8.506E+02	1.108E+02	8.550E+00	3.221E+00	5.525E+01	4.644E+01	1.153E+00
7.100E+03	8.280E-06	8.717E+02	1.116E+02	8.644E+00	3.254E+00	5.971E+01	5.014E+01	1.150E+00
7.200E+03	8.077E-06	8.944E+02	1.125E+02	8.743E+00	3.289E+00	6.427E+01	5.390E+01	1.148E+00
7.300E+03	7.874E-06	9.187E+02	1.134E+02	8.848E+00	3.328E+00	6.883E+01	5.762E+01	1.146E+00
7.400E+03	7.673E-06	9.447E+02	1.144E+02	8.958E+00	3.369E+00	7.329E+01	6.123E+01	1.144E+00
7.500E+03	7.473E-06	9.724E+02	1.154E+02	9.072E+00	3.413E+00	7.755E+01	6.465E+01	1.143E+00
7.600E+03	7.276E-06	1.001E+03	1.164E+02	9.191E+00	3.459E+00	8.154E+01	6.783E+01	1.142E+00
7.700E+03	7.083E-06	1.032E+03	1.175E+02	9.314E+00	3.508E+00	8.522E+01	7.075E+01	1.142E+00
7.800E+03	6.893E-06	1.064E+03	1.186E+02	9.440E+00	3.558E+00	8.856E+01	7.339E+01	1.141E+00
7.900E+03	6.707E-06	1.097E+03	1.198E+02	9.568E+00	3.610E+00	9.162E+01	7.580E+01	1.141E+00
8.000E+03	6.527E-06	1.131E+03	1.209E+02	9.698E+00	3.663E+00	9.448E+01	7.807E+01	1.141E+00
8.200E+03	6.182E-06	1.202E+03	1.234E+02	9.992E+00	3.774E+00	1.002E+02	8.265E+01	1.140E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/P	GAMMA
8.400E+03	5.854E-06	1.278E+03	1.258E+02	1.023E+01	3.889E+00	1.071E+02	8.827E+01	1.139E+00
8.600E+03	5.545E-06	1.360E+03	1.285E+02	1.050E+01	4.011E+00	1.165E+02	9.531E+01	1.137E+00
8.800E+03	5.248E-06	1.449E+03	1.313E+02	1.079E+01	4.142E+00	1.235E+02	1.054E+02	1.135E+00
9.000E+03	4.960E-06	1.548E+03	1.343E+02	1.109E+01	4.285E+00	1.423E+02	1.161E+02	1.133E+00
9.200E+03	4.682E-06	1.658E+03	1.376E+02	1.141E+01	4.441E+00	1.558E+02	1.264E+02	1.133E+00
9.400E+03	4.415E-06	1.776E+03	1.411E+02	1.175E+01	4.609E+00	1.667E+02	1.346E+02	1.133E+00
9.600E+03	4.165E-06	1.900E+03	1.447E+02	1.211E+01	4.784E+00	1.727E+02	1.390E+02	1.135E+00
9.800E+03	3.935E-06	2.027E+03	1.482E+02	1.247E+01	4.961E+00	1.722E+02	1.384E+02	1.137E+00
1.000E+04	3.728E-06	2.151E+03	1.516E+02	1.283E+01	5.132E+00	1.648E+02	1.327E+02	1.141E+00
1.020E+04	3.546E-06	2.267E+03	1.548E+02	1.319E+01	5.289E+00	1.516E+02	1.224E+02	1.146E+00
1.040E+04	3.388E-06	2.372E+03	1.576E+02	1.353E+01	5.429E+00	1.345E+02	1.090E+02	1.153E+00
1.060E+04	3.252E-06	2.464E+03	1.600E+02	1.386E+01	5.549E+00	1.159E+02	9.417E+01	1.162E+00
1.080E+04	3.137E-06	2.542E+03	1.619E+02	1.418E+01	5.647E+00	9.779E+01	7.948E+01	1.173E+00
1.100E+04	3.037E-06	2.607E+03	1.636E+02	1.450E+01	5.726E+00	8.159E+01	6.607E+01	1.186E+00
1.120E+04	2.951E-06	2.662E+03	1.649E+02	1.481E+01	5.788E+00	6.767E+01	5.453E+01	1.202E+00
1.140E+04	2.875E-06	2.707E+03	1.660E+02	1.512E+01	5.837E+00	5.641E+01	4.503E+01	1.222E+00
1.160E+04	2.807E-06	2.745E+03	1.669E+02	1.544E+01	5.874E+00	4.751E+01	3.745E+01	1.244E+00
1.180E+04	2.747E-06	2.777E+03	1.677E+02	1.576E+01	5.902E+00	4.061E+01	3.154E+01	1.268E+00
1.200E+04	2.691E-06	2.805E+03	1.683E+02	1.608E+01	5.924E+00	3.536E+01	2.702E+01	1.293E+00
1.220E+04	2.639E-06	2.829E+03	1.689E+02	1.639E+01	5.941E+00	3.140E+01	2.360E+01	1.318E+00
1.240E+04	2.591E-06	2.851E+03	1.693E+02	1.669E+01	5.954E+00	2.846E+01	2.105E+01	1.341E+00
1.260E+04	2.545E-06	2.871E+03	1.698E+02	1.697E+01	5.964E+00	2.632E+01	1.921E+01	1.362E+00
1.280E+04	2.502E-06	2.890E+03	1.702E+02	1.721E+01	5.972E+00	2.483E+01	1.792E+01	1.378E+00
1.300E+04	2.461E-06	2.908E+03	1.706E+02	1.743E+01	5.979E+00	2.386E+01	1.711E+01	1.389E+00
1.320E+04	2.422E-06	2.925E+03	1.709E+02	1.760E+01	5.984E+00	2.336E+01	1.669E+01	1.394E+00
1.340E+04	2.383E-06	2.942E+03	1.713E+02	1.773E+01	5.989E+00	2.328E+01	1.666E+01	1.393E+00
1.360E+04	2.347E-06	2.959E+03	1.716E+02	1.783E+01	5.994E+00	2.363E+01	1.700E+01	1.386E+00
1.380E+04	2.311E-06	2.977E+03	1.720E+02	1.788E+01	5.999E+00	2.442E+01	1.774E+01	1.372E+00
1.400E+04	2.276E-06	2.995E+03	1.723E+02	1.789E+01	6.004E+00	2.570E+01	1.892E+01	1.354E+00
1.420E+04	2.241E-06	3.014E+03	1.727E+02	1.788E+01	6.010E+00	2.754E+01	2.059E+01	1.332E+00
1.440E+04	2.208E-06	3.035E+03	1.731E+02	1.784E+01	6.017E+00	3.001E+01	2.283E+01	1.308E+00
1.460E+04	2.174E-06	3.059E+03	1.735E+02	1.783E+01	6.026E+00	3.322E+01	2.572E+01	1.284E+00
1.480E+04	2.141E-06	3.084E+03	1.740E+02	1.780E+01	6.037E+00	3.725E+01	2.933E+01	1.261E+00
1.500E+04	2.108E-06	3.113E+03	1.746E+02	1.779E+01	6.051E+00	4.217E+01	3.372E+01	1.240E+00
1.520E+04	2.074E-06	3.146E+03	1.752E+02	1.780E+01	6.067E+00	4.803E+01	3.891E+01	1.221E+00
1.540E+04	2.040E-06	3.184E+03	1.758E+02	1.783E+01	6.088E+00	5.481E+01	4.487E+01	1.205E+00
1.560E+04	2.006E-06	3.227E+03	1.766E+02	1.788E+01	6.113E+00	6.241E+01	5.151E+01	1.192E+00
1.580E+04	1.971E-06	3.275E+03	1.774E+02	1.796E+01	6.142E+00	7.066E+01	5.865E+01	1.181E+00
1.600E+04	1.936E-06	3.330E+03	1.784E+02	1.806E+01	6.177E+00	7.925E+01	6.603E+01	1.173E+00
1.620E+04	1.899E-06	3.391E+03	1.794E+02	1.818E+01	6.217E+00	8.781E+01	7.331E+01	1.166E+00
1.640E+04	1.863E-06	3.459E+03	1.805E+02	1.832E+01	6.261E+00	9.592E+01	8.014E+01	1.161E+00
1.660E+04	1.826E-06	3.532E+03	1.817E+02	1.847E+01	6.310E+00	1.031E+02	8.617E+01	1.158E+00
1.680E+04	1.790E-06	3.610E+03	1.830E+02	1.864E+01	6.362E+00	1.091E+02	9.113E+01	1.156E+00
1.700E+04	1.753E-06	3.691E+03	1.843E+02	1.882E+01	6.417E+00	1.136E+02	9.482E+01	1.155E+00
1.720E+04	1.718E-06	3.776E+03	1.857E+02	1.901E+01	6.474E+00	1.166E+02	9.723E+01	1.154E+00
1.740E+04	1.683E-06	3.862E+03	1.870E+02	1.921E+01	6.532E+00	1.181E+02	9.847E+01	1.154E+00
1.760E+04	1.649E-06	3.948E+03	1.884E+02	1.940E+01	6.589E+00	1.185E+02	9.880E+01	1.154E+00
1.780E+04	1.617E-06	4.035E+03	1.897E+02	1.960E+01	6.646E+00	1.182E+02	9.859E+01	1.154E+00
1.800E+04	1.585E-06	4.121E+03	1.910E+02	1.979E+01	6.702E+00	1.178E+02	9.830E+01	1.155E+00
1.820E+04	1.556E-06	4.208E+03	1.923E+02	1.998E+01	6.756E+00	1.178E+02	9.839E+01	1.154E+00
1.840E+04	1.527E-06	4.294E+03	1.936E+02	2.016E+01	6.810E+00	1.187E+02	9.931E+01	1.153E+00
1.860E+04	1.499E-06	4.382E+03	1.949E+02	2.033E+01	6.863E+00	1.210E+02	1.015E+02	1.151E+00
1.880E+04	1.471E-06	4.472E+03	1.962E+02	2.049E+01	6.916E+00	1.251E+02	1.051E+02	1.148E+00
1.900E+04	1.444E-06	4.565E+03	1.976E+02	2.065E+01	6.970E+00	1.312E+02	1.105E+02	1.145E+00
1.920E+04	1.418E-06	4.664E+03	1.990E+02	2.081E+01	7.027E+00	1.395E+02	1.177E+02	1.141E+00
1.940E+04	1.391E-06	4.770E+03	2.005E+02	2.098E+01	7.087E+00	1.497E+02	1.265E+02	1.138E+00
1.960E+04	1.365E-06	4.884E+03	2.021E+02	2.115E+01	7.151E+00	1.617E+02	1.367E+02	1.134E+00
1.980E+04	1.338E-06	5.007E+03	2.038E+02	2.133E+01	7.220E+00	1.750E+02	1.479E+02	1.131E+00
2.000E+04	1.311E-06	5.141E+03	2.056E+02	2.152E+01	7.294E+00	1.890E+02	1.595E+02	1.129E+00
2.020E+04	1.284E-06	5.284E+03	2.076E+02	2.173E+01	7.374E+00	2.030E+02	1.710E+02	1.127E+00
2.040E+04	1.257E-06	5.438E+03	2.097E+02	2.195E+01	7.460E+00	2.161E+02	1.817E+02	1.126E+00
2.060E+04	1.230E-06	5.600E+03	2.118E+02	2.219E+01	7.550E+00	2.275E+02	1.909E+02	1.125E+00
2.080E+04	1.203E-06	5.770E+03	2.141E+02	2.243E+01	7.645E+00	2.365E+02	1.980E+02	1.125E+00
2.100E+04	1.176E-06	5.946E+03	2.164E+02	2.268E+01	7.743E+00	2.424E+02	2.026E+02	1.125E+00
2.120E+04	1.151E-06	6.124E+03	2.187E+02	2.295E+01	7.842E+00	2.449E+02	2.044E+02	1.126E+00
2.140E+04	1.126E-06	6.303E+03	2.210E+02	2.321E+01	7.941E+00	2.437E+02	2.033E+02	1.127E+00
2.160E+04	1.102E-06	6.480E+03	2.232E+02	2.348E+01	8.039E+00	2.391E+02	1.993E+02	1.129E+00
2.180E+04	1.079E-06	6.653E+03	2.254E+02	2.375E+01	8.133E+00	2.313E+02	1.928E+02	1.131E+00
2.200E+04	1.057E-06	6.818E+03	2.275E+02	2.402E+01	8.223E+00	2.209E+02	1.842E+02	1.134E+00
2.220E+04	1.037E-06	6.976E+03	2.294E+02	2.429E+01	8.308E+00	2.084E+02	1.738E+02	1.137E+00
2.240E+04	1.018E-06	7.123E+03	2.312E+02	2.456E+01	8.387E+00	1.945E+02	1.623E+02	1.141E+00
2.260E+04	1.001E-06	7.260E+03	2.329E+02	2.482E+01	8.459E+00	1.800E+02	1.501E+02	1.146E+00

P/P0 = 8.00E-04

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E-03	-1.718E+02	2.865E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E-03	-1.705E+02	3.117E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E-04	-1.690E+02	3.286E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.465E-04	-1.672E+02	3.422E+01	1.187E+00	1.000E+00	4.958E+00	3.968E+00	1.252E+00
5.000E+02	4.372E-04	-1.653E+02	3.537E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
6.000E+02	3.644E-04	-1.633E+02	3.638E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E-04	-1.612E+02	3.727E+01	1.533E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E-04	-1.590E+02	3.808E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E-04	-1.567E+02	3.882E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E-04	-1.543E+02	3.950E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	1.987E-04	-1.519E+02	4.013E+01	1.909E+00	1.000E+00	6.647E+00	5.646E+00	1.177E+00
1.200E+03	1.822E-04	-1.494E+02	4.071E+01	1.990E+00	1.000E+00	6.791E+00	5.789E+00	1.173E+00
1.300E+03	1.681E-04	-1.469E+02	4.126E+01	2.067E+00	1.000E+00	7.007E+00	6.000E+00	1.168E+00
1.400E+03	1.561E-04	-1.443E+02	4.179E+01	2.137E+00	1.001E+00	7.426E+00	6.404E+00	1.159E+00
1.500E+03	1.455E-04	-1.414E+02	4.233E+01	2.201E+00	1.002E+00	8.287E+00	7.227E+00	1.146E+00
1.600E+03	1.360E-04	-1.381E+02	4.292E+01	2.259E+00	1.005E+00	9.963E+00	8.815E+00	1.128E+00
1.700E+03	1.272E-04	-1.340E+02	4.360E+01	2.317E+00	1.011E+00	1.297E+01	1.164E+01	1.110E+00
1.800E+03	1.187E-04	-1.284E+02	4.447E+01	2.382E+00	1.024E+00	1.791E+01	1.623E+01	1.095E+00
1.900E+03	1.101E-04	-1.205E+02	4.563E+01	2.461E+00	1.045E+00	2.536E+01	2.305E+01	1.085E+00
2.000E+03	1.012E-04	-1.095E+02	4.718E+01	2.561E+00	1.080E+00	3.562E+01	3.223E+01	1.080E+00
2.100E+03	9.196E-05	-9.416E+01	4.921E+01	2.685E+00	1.132E+00	4.833E+01	4.325E+01	1.078E+00
2.200E+03	8.246E-05	-7.394E+01	5.178E+01	2.836E+00	1.205E+00	6.216E+01	5.481E+01	1.079E+00
2.300E+03	7.314E-05	-4.877E+01	5.484E+01	3.015E+00	1.300E+00	7.497E+01	6.507E+01	1.081E+00
2.400E+03	6.448E-05	-1.942E+01	5.825E+01	3.218E+00	1.413E+00	8.465E+01	7.243E+01	1.086E+00
2.500E+03	5.683E-05	1.260E+01	6.182E+01	3.436E+00	1.539E+00	8.921E+01	7.554E+01	1.091E+00
2.600E+03	5.044E-05	4.493E+01	6.528E+01	3.658E+00	1.667E+00	8.579E+01	7.236E+01	1.097E+00
2.700E+03	4.541E-05	7.416E+01	6.829E+01	3.870E+00	1.783E+00	7.225E+01	6.116E+01	1.106E+00
2.800E+03	4.171E-05	9.704E+01	7.057E+01	4.063E+00	1.872E+00	5.235E+01	4.458E+01	1.120E+00
2.900E+03	3.907E-05	1.127E+02	7.207E+01	4.239E+00	1.929E+00	3.411E+01	2.898E+01	1.142E+00
3.000E+03	3.714E-05	1.228E+02	7.300E+01	4.413E+00	1.962E+00	2.179E+01	1.621E+01	1.176E+00
3.100E+03	3.562E-05	1.293E+02	7.359E+01	4.593E+00	1.980E+00	1.479E+01	1.199E+01	1.222E+00
3.200E+03	3.435E-05	1.340E+02	7.400E+01	4.771E+00	1.989E+00	1.111E+01	8.691E+00	1.271E+00
3.300E+03	3.323E-05	1.377E+02	7.431E+01	4.932E+00	1.954E+00	9.215E+00	6.989E+00	1.314E+00
3.400E+03	3.221E-05	1.408E+02	7.457E+01	5.069E+00	1.996E+00	8.236E+00	6.110E+00	1.346E+00
3.500E+03	3.126E-05	1.438E+02	7.480E+01	5.182E+00	1.998E+00	7.724E+00	5.652E+00	1.365E+00
3.600E+03	3.038E-05	1.465E+02	7.501E+01	5.279E+00	1.999E+00	7.457E+00	5.413E+00	1.377E+00
3.700E+03	2.955E-05	1.492E+02	7.521E+01	5.363E+00	1.999E+00	7.326E+00	5.298E+00	1.382E+00
3.800E+03	2.877E-05	1.519E+02	7.541E+01	5.437E+00	2.000E+00	7.289E+00	5.268E+00	1.383E+00
3.900E+03	2.803E-05	1.546E+02	7.560E+01	5.501E+00	2.000E+00	7.342E+00	5.322E+00	1.379E+00
4.000E+03	2.733E-05	1.573E+02	7.579E+01	5.550E+00	2.000E+00	7.528E+00	5.498E+00	1.369E+00
4.100E+03	2.665E-05	1.601E+02	7.598E+01	5.577E+00	2.001E+00	7.947E+00	5.893E+00	1.348E+00
4.200E+03	2.601E-05	1.632E+02	7.618E+01	5.575E+00	2.002E+00	8.796E+00	6.687E+00	1.314E+00
4.300E+03	2.538E-05	1.667E+02	7.640E+01	5.544E+00	2.003E+00	1.042E+01	8.204E+00	1.268E+00
4.400E+03	2.476E-05	1.710E+02	7.657E+01	5.500E+00	2.007E+00	1.341E+01	1.098E+01	1.218E+00
4.500E+03	2.413E-05	1.764E+02	7.703E+01	5.467E+00	2.013E+00	1.867E+01	1.582E+01	1.173E+00
4.600E+03	2.347E-05	1.851E+02	7.753E+01	5.463E+00	2.025E+00	2.742E+01	2.380E+01	1.139E+00
4.700E+03	2.274E-05	1.974E+02	7.825E+01	5.495E+00	2.045E+00	4.109E+01	3.605E+01	1.117E+00
4.800E+03	2.192E-05	2.159E+02	7.931E+01	5.564E+00	2.078E+00	6.065E+01	5.319E+01	1.103E+00
4.900E+03	2.098E-05	2.425E+02	8.081E+01	5.659E+00	2.127E+00	8.572E+01	7.447E+01	1.096E+00
5.000E+03	1.991E-05	2.790E+02	8.282E+01	5.810E+00	2.196E+00	1.135E+02	9.726E+01	1.093E+00
5.100E+03	1.876E-05	3.254E+02	8.533E+01	5.984E+00	2.285E+00	1.390E+02	1.174E+02	1.092E+00
5.200E+03	1.758E-05	3.797E+02	8.821E+01	6.182E+00	2.391E+00	1.559E+02	1.304E+02	1.093E+00
5.300E+03	1.647E-05	4.380E+02	9.124E+01	6.394E+00	2.504E+00	1.599E+02	1.333E+02	1.095E+00
5.400E+03	1.548E-05	4.952E+02	9.416E+01	6.605E+00	2.615E+00	1.504E+02	1.258E+02	1.098E+00
5.500E+03	1.464E-05	5.469E+02	9.676E+01	6.807E+00	2.715E+00	1.312E+02	1.105E+02	1.103E+00
5.600E+03	1.395E-05	5.907E+02	9.891E+01	6.993E+00	2.799E+00	1.081E+02	9.172E+01	1.109E+00
5.700E+03	1.339E-05	6.262E+02	1.006E+02	7.166E+00	2.865E+00	8.609E+01	7.343E+01	1.118E+00
5.800E+03	1.293E-05	6.543E+02	1.020E+02	7.327E+00	2.916E+00	6.799E+01	5.805E+01	1.129E+00
5.900E+03	1.254E-05	6.766E+02	1.030E+02	7.479E+00	2.954E+00	5.452E+01	4.642E+01	1.141E+00
6.000E+03	1.221E-05	6.947E+02	1.038E+02	7.623E+00	2.985E+00	4.531E+01	3.836E+01	1.154E+00
6.100E+03	1.191E-05	7.101E+02	1.045E+02	7.755E+00	3.009E+00	3.953E+01	3.327E+01	1.165E+00
6.200E+03	1.164E-05	7.240E+02	1.051E+02	7.873E+00	3.030E+00	3.637E+01	3.046E+01	1.173E+00
6.300E+03	1.138E-05	7.370E+02	1.057E+02	7.975E+00	3.050E+00	3.517E+01	2.938E+01	1.177E+00
6.400E+03	1.113E-05	7.499E+02	1.063E+02	8.064E+00	3.068E+00	3.561E+01	2.956E+01	1.177E+00
6.500E+03	1.089E-05	7.631E+02	1.068E+02	8.144E+00	3.088E+00	3.674E+01	3.070E+01	1.175E+00
6.600E+03	1.066E-05	7.769E+02	1.074E+02	8.221E+00	3.108E+00	3.891E+01	3.257E+01	1.171E+00
6.700E+03	1.043E-05	7.916E+02	1.080E+02	8.296E+00	3.129E+00	4.173E+01	3.498E+01	1.167E+00
6.800E+03	1.020E-05	8.075E+02	1.087E+02	8.374E+00	3.153E+00	4.507E+01	3.783E+01	1.163E+00
6.900E+03	9.966E-06	8.247E+02	1.093E+02	8.455E+00	3.179E+00	4.882E+01	4.101E+01	1.159E+00
7.000E+03	9.737E-06	8.433E+02	1.101E+02	8.541E+00	3.208E+00	5.289E+01	4.442E+01	1.155E+00
7.100E+03	9.507E-06	8.635E+02	1.109E+02	8.632E+00	3.239E+00	5.718E+01	4.800E+01	1.152E+00
7.200E+03	9.278E-06	8.852E+02	1.117E+02	8.729E+00	3.272E+00	6.161E+01	5.166E+01	1.149E+00
7.300E+03	9.050E-06	9.086E+02	1.126E+02	8.830E+00	3.309E+00	6.609E+01	5.533E+01	1.147E+00
7.400E+03	8.822E-06	9.330E+02	1.135E+02	8.937E+00	3.349E+00	7.051E+01	5.892E+01	1.146E+00
7.500E+03	8.597E-06	9.502E+02	1.145E+02	9.049E+00	3.391E+00	7.480E+01	6.237E+01	1.145E+00
7.600E+03	8.373E-06	9.683E+02	1.155E+02	9.165E+00	3.435E+00	7.887E+01	6.563E+01	1.144E+00
7.700E+03	8.153E-06	1.018E+03	1.165E+02	9.285E+00	3.482E+00	8.266E+01	6.864E+01	1.143E+00
7.800E+03	7.937E-06	1.049E+03	1.176E+02	9.408E+00	3.531E+00	8.614E+01	7.139E+01	1.142E+00
7.900E+03	7.726E-06	1.081E+03	1.187E+02	9.535E+00	3.582E+00	8.933E+01	7.390E+01	1.142E+00
8.000E+03	7.520E-06	1.114E+03	1.199E+02	9.663E+00	3.634E+00	9.227E+01	7.623E+01	1.142E+00
8.200E+03	7.125E-06	1.184E+03	1.222E+02	9.925E+00	3.742E+00	9.794E+01	8.075E+01	1.141E+00
8.400E+03	6.751E-06	1.258E+03	1.247E+02	1.019E+01	3.855E+00	1.044E+02	8.595E+01	1.140E+00
8.600E+03	6.397E-06	1.337E+03	1.272E+02	1.066E+01	3.974E+00	1.129E+02	9.279E+01	1.138E+00
8.800E+03	6.058E-06	1.424E+03	1.299E+02	1.174E+01	4.101E+00	1.240E+02	1.016E+02	1.136E+00
9.000E+03	5.730E-06	1.519E+03	1.329E+02	1.233E+01	4.239E+00	1.370E+02	1.118E+02	1.135E+00
9.200E+03	5.413E-06	1.624E+03	1.360E+02	1.335E+01	4.390E+00	1.504E+02	1.221E+02	1.134E+00
9.400E+03	5.109E-06	1.739E+03	1.394E+02	1.458E+01	4.552E+00	1.621E+02	1.309E+02	1.134E+00
9.600E+03	4.821E-06	1.861E+03	1.429E+02	1.603E+01	4.724E+00	1.696E+02	1.365E+02	1.135E+00
9.800E+03	4.554E-06	1.986E+03	1.464E+02	1.739E+01	4.899E+00	1.714E+02	1.377E+02	1.137E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+04	4.312E-06	2.110E+03	1.498E+02	1.275E+01	5.070E+00	1.665E+02	1.338E+02	1.141E+00
1.020E+04	4.097E-06	2.228E+03	1.530E+02	1.311E+01	5.232E+00	1.555E+02	1.253E+02	1.145E+00
1.040E+04	3.909E-06	2.337E+03	1.559E+02	1.346E+01	5.377E+00	1.400E+02	1.132E+02	1.151E+00
1.060E+04	3.748E-06	2.433E+03	1.584E+02	1.379E+01	5.503E+00	1.222E+02	9.906E+01	1.159E+00
1.080E+04	3.609E-06	2.516E+03	1.605E+02	1.411E+01	5.608E+00	1.041E+02	8.453E+01	1.169E+00
1.100E+04	3.490E-06	2.586E+03	1.623E+02	1.443E+01	5.694E+00	8.736E+01	7.085E+01	1.181E+00
1.120E+04	3.387E-06	2.644E+03	1.637E+02	1.474E+01	5.762E+00	7.281E+01	5.879E+01	1.196E+00
1.140E+04	3.297E-06	2.693E+03	1.649E+02	1.505E+01	5.816E+00	6.073E+01	4.865E+01	1.214E+00
1.160E+04	3.218E-06	2.734E+03	1.659E+02	1.536E+01	5.857E+00	5.104E+01	4.044E+01	1.235E+00
1.180E+04	3.146E-06	2.768E+03	1.667E+02	1.568E+01	5.889E+00	4.344E+01	3.395E+01	1.257E+00
1.200E+04	3.081E-06	2.798E+03	1.674E+02	1.600E+01	5.914E+00	3.759E+01	2.893E+01	1.282E+00
1.220E+04	3.020E-06	2.824E+03	1.679E+02	1.631E+01	5.933E+00	3.314E+01	2.509E+01	1.306E+00
1.240E+04	2.964E-06	2.847E+03	1.685E+02	1.661E+01	5.948E+00	2.980E+01	2.221E+01	1.330E+00
1.260E+04	2.912E-06	2.867E+03	1.689E+02	1.690E+01	5.959E+00	2.734E+01	2.009E+01	1.352E+00
1.280E+04	2.862E-06	2.887E+03	1.693E+02	1.716E+01	5.968E+00	2.558E+01	1.857E+01	1.370E+00
1.300E+04	2.814E-06	2.905E+03	1.697E+02	1.738E+01	5.975E+00	2.438E+01	1.755E+01	1.383E+00
1.320E+04	2.769E-06	2.923E+03	1.701E+02	1.758E+01	5.981E+00	2.367E+01	1.695E+01	1.391E+00
1.340E+04	2.725E-06	2.940E+03	1.704E+02	1.773E+01	5.987E+00	2.340E+01	1.674E+01	1.393E+00
1.360E+04	2.683E-06	2.957E+03	1.708E+02	1.784E+01	5.992E+00	2.354E+01	1.690E+01	1.388E+00
1.380E+04	2.642E-06	2.974E+03	1.711E+02	1.791E+01	5.996E+00	2.411E+01	1.745E+01	1.378E+00
1.400E+04	2.602E-06	2.992E+03	1.715E+02	1.794E+01	6.001E+00	2.514E+01	1.840E+01	1.362E+00
1.420E+04	2.563E-06	3.011E+03	1.718E+02	1.795E+01	6.007E+00	2.669E+01	1.982E+01	1.342E+00
1.440E+04	2.525E-06	3.032E+03	1.722E+02	1.793E+01	6.014E+00	2.883E+01	2.175E+01	1.319E+00
1.460E+04	2.487E-06	3.054E+03	1.726E+02	1.790E+01	6.022E+00	3.163E+01	2.429E+01	1.296E+00
1.480E+04	2.449E-06	3.078E+03	1.731E+02	1.787E+01	6.032E+00	3.520E+01	2.749E+01	1.272E+00
1.500E+04	2.411E-06	3.105E+03	1.736E+02	1.786E+01	6.044E+00	3.960E+01	3.142E+01	1.250E+00
1.520E+04	2.374E-06	3.136E+03	1.742E+02	1.786E+01	6.059E+00	4.490E+01	3.612E+01	1.231E+00
1.540E+04	2.336E-06	3.171E+03	1.748E+02	1.787E+01	6.077E+00	5.110E+01	4.160E+01	1.213E+00
1.560E+04	2.297E-06	3.211E+03	1.755E+02	1.792E+01	6.100E+00	5.816E+01	4.778E+01	1.199E+00
1.580E+04	2.258E-06	3.257E+03	1.763E+02	1.798E+01	6.127E+00	6.594E+01	5.454E+01	1.187E+00
1.600E+04	2.219E-06	3.308E+03	1.772E+02	1.807E+01	6.158E+00	7.421E+01	6.167E+01	1.178E+00
1.620E+04	2.178E-06	3.365E+03	1.781E+02	1.818E+01	6.195E+00	8.266E+01	6.889E+01	1.170E+00
1.640E+04	2.138E-06	3.429E+03	1.792E+02	1.831E+01	6.236E+00	9.090E+01	7.586E+01	1.165E+00
1.660E+04	2.096E-06	3.498E+03	1.804E+02	1.845E+01	6.282E+00	9.851E+01	8.224E+01	1.161E+00
1.680E+04	2.055E-06	3.573E+03	1.816E+02	1.861E+01	6.332E+00	1.051E+02	8.774E+01	1.158E+00
1.700E+04	2.014E-06	3.652E+03	1.828E+02	1.879E+01	6.385E+00	1.104E+02	9.211E+01	1.156E+00
1.720E+04	1.973E-06	3.734E+03	1.842E+02	1.897E+01	6.441E+00	1.143E+02	9.525E+01	1.155E+00
1.740E+04	1.934E-06	3.819E+03	1.855E+02	1.916E+01	6.498E+00	1.167E+02	9.719E+01	1.155E+00
1.760E+04	1.895E-06	3.905E+03	1.868E+02	1.936E+01	6.555E+00	1.178E+02	9.811E+01	1.155E+00
1.780E+04	1.858E-06	3.991E+03	1.882E+02	1.955E+01	6.612E+00	1.180E+02	9.830E+01	1.155E+00
1.800E+04	1.822E-06	4.078E+03	1.895E+02	1.975E+01	6.668E+00	1.178E+02	9.816E+01	1.155E+00
1.820E+04	1.787E-06	4.164E+03	1.908E+02	1.994E+01	6.722E+00	1.176E+02	9.812E+01	1.155E+00
1.840E+04	1.753E-06	4.250E+03	1.921E+02	2.012E+01	6.776E+00	1.181E+02	9.863E+01	1.154E+00
1.860E+04	1.721E-06	4.337E+03	1.934E+02	2.029E+01	6.829E+00	1.196E+02	1.001E+02	1.153E+00
1.880E+04	1.690E-06	4.426E+03	1.947E+02	2.046E+01	6.882E+00	1.227E+02	1.029E+02	1.150E+00
1.900E+04	1.659E-06	4.517E+03	1.960E+02	2.062E+01	6.936E+00	1.276E+02	1.072E+02	1.147E+00
1.920E+04	1.629E-06	4.613E+03	1.973E+02	2.078E+01	6.991E+00	1.344E+02	1.132E+02	1.144E+00
1.940E+04	1.599E-06	4.714E+03	1.988E+02	2.095E+01	7.049E+00	1.433E+02	1.209E+02	1.140E+00
1.960E+04	1.569E-06	4.823E+03	2.003E+02	2.111E+01	7.110E+00	1.540E+02	1.300E+02	1.137E+00
1.980E+04	1.539E-06	4.940E+03	2.019E+02	2.129E+01	7.176E+00	1.663E+02	1.404E+02	1.134E+00
2.000E+04	1.508E-06	5.067E+03	2.037E+02	2.147E+01	7.247E+00	1.795E+02	1.515E+02	1.131E+00
2.020E+04	1.478E-06	5.203E+03	2.055E+02	2.167E+01	7.323E+00	1.932E+02	1.628E+02	1.129E+00
2.040E+04	1.447E-06	5.350E+03	2.075E+02	2.188E+01	7.405E+00	2.066E+02	1.738E+02	1.127E+00
2.060E+04	1.417E-06	5.506E+03	2.096E+02	2.211E+01	7.491E+00	2.188E+02	1.837E+02	1.126E+00
2.080E+04	1.386E-06	5.670E+03	2.117E+02	2.235E+01	7.583E+00	2.291E+02	1.919E+02	1.126E+00
2.100E+04	1.356E-06	5.840E+03	2.140E+02	2.259E+01	7.678E+00	2.368E+02	1.980E+02	1.126E+00
2.120E+04	1.326E-06	6.016E+03	2.162E+02	2.285E+01	7.775E+00	2.414E+02	2.015E+02	1.126E+00
2.140E+04	1.297E-06	6.193E+03	2.185E+02	2.311E+01	7.873E+00	2.426E+02	2.022E+02	1.127E+00
2.160E+04	1.270E-06	6.370E+03	2.208E+02	2.338E+01	7.971E+00	2.403E+02	2.002E+02	1.129E+00
2.180E+04	1.243E-06	6.544E+03	2.230E+02	2.365E+01	8.067E+00	2.348E+02	1.955E+02	1.130E+00
2.200E+04	1.218E-06	6.713E+03	2.251E+02	2.392E+01	8.159E+00	2.263E+02	1.885E+02	1.133E+00
2.220E+04	1.194E-06	6.875E+03	2.271E+02	2.419E+01	8.247E+00	2.154E+02	1.795E+02	1.136E+00
2.240E+04	1.172E-06	7.028E+03	2.289E+02	2.445E+01	8.329E+00	2.028E+02	1.690E+02	1.139E+00
2.260E+04	1.151E-06	7.172E+03	2.307E+02	2.472E+01	8.405E+00	1.890E+02	1.575E+02	1.143E+00
2.280E+04	1.131E-06	7.305E+03	2.323E+02	2.498E+01	8.475E+00	1.747E+02	1.456E+02	1.148E+00
2.300E+04	1.113E-06	7.428E+03	2.337E+02	2.524E+01	8.538E+00	1.603E+02	1.335E+02	1.153E+00
2.320E+04	1.096E-06	7.540E+03	2.351E+02	2.550E+01	8.595E+00	1.463E+02	1.216E+02	1.160E+00
2.340E+04	1.081E-06	7.642E+03	2.363E+02	2.577E+01	8.646E+00	1.329E+02	1.103E+02	1.167E+00
2.360E+04	1.066E-06	7.735E+03	2.373E+02	2.603E+01	8.691E+00	1.205E+02	9.965E+01	1.174E+00
2.380E+04	1.052E-06	7.819E+03	2.383E+02	2.630E+01	8.730E+00	1.091E+02	8.983E+01	1.183E+00
2.400E+04	1.039E-06	7.895E+03	2.392E+02	2.657E+01	8.765E+00	9.876E+01	8.090E+01	1.193E+00
2.420E+04	1.027E-06	7.964E+03	2.400E+02	2.684E+01	8.796E+00	8.950E+01	7.288E+01	1.203E+00
2.440E+04	1.016E-06	8.026E+03	2.407E+02	2.712E+01	8.822E+00	8.126E+01	6.569E+01	1.215E+00
2.460E+04	1.005E-06	8.083E+03	2.413E+02	2.741E+01	8.845E+00	7.400E+01	5.934E+01	1.227E+00

P/P0 = 9.00E-04

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E-03	-1.710E+02	2.853E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E-03	-1.755E+02	3.105E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E-04	-1.690E+02	3.274E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00



Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
4.000E+02	6.149E-04	-1.572E+02	3.410E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E-04	-1.653E+02	3.525E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E-04	-1.633E+02	3.626E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E-04	-1.612E+02	3.716E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E-04	-1.590E+02	3.797E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E-04	-1.567E+02	3.870E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E-04	-1.543E+02	3.938E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	2.236E-04	-1.519E+02	4.001E+01	1.909E+00	1.000E+00	6.646E+00	5.646E+00	1.177E+00
1.200E+03	2.049E-04	-1.494E+02	4.059E+01	1.990E+00	1.000E+00	6.789E+00	5.788E+00	1.173E+00
1.300E+03	1.892E-04	-1.469E+02	4.114E+01	2.067E+00	1.000E+00	6.933E+00	5.933E+00	1.168E+00
1.400E+03	1.756E-04	-1.443E+02	4.168E+01	2.138E+00	1.001E+00	7.406E+00	6.385E+00	1.160E+00
1.500E+03	1.637E-04	-1.416E+02	4.221E+01	2.202E+00	1.002E+00	8.237E+00	7.178E+00	1.147E+00
1.600E+03	1.530E-04	-1.382E+02	4.279E+01	2.260E+00	1.005E+00	9.850E+00	8.708E+00	1.129E+00
1.700E+03	1.431E-04	-1.341E+02	4.347E+01	2.318E+00	1.011E+00	1.274E+01	1.143E+01	1.111E+00
1.800E+03	1.336E-04	-1.286E+02	4.432E+01	2.382E+00	1.023E+00	1.750E+01	1.585E+01	1.096E+00
1.900E+03	1.241E-04	-1.210E+02	4.544E+01	2.460E+00	1.043E+00	2.468E+01	2.243E+01	1.086E+00
2.000E+03	1.142E-04	-1.102E+02	4.695E+01	2.558E+00	1.077E+00	3.460E+01	3.131E+01	1.080E+00
2.100E+03	1.039E-04	-9.532E+01	4.893E+01	2.679E+00	1.127E+00	4.696E+01	4.205E+01	1.078E+00
2.200E+03	9.332E-05	-7.566E+01	5.143E+01	2.828E+00	1.198E+00	6.051E+01	5.341E+01	1.079E+00
2.300E+03	8.291E-05	-5.112E+01	5.440E+01	3.004E+00	1.290E+00	7.324E+01	6.364E+01	1.081E+00
2.400E+03	7.319E-05	-2.239E+01	5.774E+01	3.203E+00	1.400E+00	8.308E+01	7.116E+01	1.085E+00
2.500E+03	6.456E-05	9.139E+00	6.126E+01	3.419E+00	1.524E+00	8.818E+01	7.471E+01	1.091E+00
2.600E+03	5.728E-05	4.128E+00	6.470E+01	3.640E+00	1.651E+00	8.592E+01	7.245E+01	1.097E+00
2.700E+03	5.150E-05	7.084E+01	6.775E+01	3.853E+00	1.769E+00	7.391E+01	6.248E+01	1.105E+00
2.800E+03	4.720E-05	9.451E+01	7.010E+01	4.048E+00	1.861E+00	5.483E+01	4.663E+01	1.118E+00
2.900E+03	4.412E-05	1.111E+02	7.169E+01	4.225E+00	1.922E+00	3.630E+01	3.087E+01	1.139E+00
3.000E+03	4.187E-05	1.218E+02	7.269E+01	4.398E+00	1.958E+00	2.325E+01	1.950E+01	1.171E+00
3.100E+03	4.013E-05	1.288E+02	7.331E+01	4.576E+00	1.977E+00	1.565E+01	1.275E+01	1.214E+00
3.200E+03	3.867E-05	1.337E+02	7.374E+01	4.754E+00	1.988E+00	1.159E+01	9.118E+00	1.263E+00
3.300E+03	3.740E-05	1.375E+02	7.406E+01	4.918E+00	1.993E+00	9.479E+00	7.225E+00	1.307E+00
3.400E+03	3.624E-05	1.407E+02	7.432E+01	5.059E+00	1.996E+00	8.383E+00	6.241E+00	1.340E+00
3.500E+03	3.518E-05	1.437E+02	7.456E+01	5.175E+00	1.998E+00	7.808E+00	5.726E+00	1.362E+00
3.600E+03	3.418E-05	1.465E+02	7.477E+01	5.274E+00	1.999E+00	7.504E+00	5.455E+00	1.375E+00
3.700E+03	3.325E-05	1.492E+02	7.498E+01	5.361E+00	1.999E+00	7.352E+00	5.321E+00	1.381E+00
3.800E+03	3.237E-05	1.519E+02	7.517E+01	5.436E+00	1.999E+00	7.298E+00	5.276E+00	1.383E+00
3.900E+03	3.154E-05	1.546E+02	7.536E+01	5.502E+00	2.000E+00	7.334E+00	5.314E+00	1.380E+00
4.000E+03	3.074E-05	1.573E+02	7.555E+01	5.554E+00	2.000E+00	7.493E+00	5.465E+00	1.371E+00
4.100E+03	2.999E-05	1.601E+02	7.574E+01	5.585E+00	2.001E+00	7.862E+00	5.813E+00	1.352E+00
4.200E+03	2.926E-05	1.631E+02	7.594E+01	5.588E+00	2.001E+00	8.616E+00	6.518E+00	1.321E+00
4.300E+03	2.856E-05	1.665E+02	7.615E+01	5.562E+00	2.003E+00	1.006E+01	7.869E+00	1.277E+00
4.400E+03	2.786E-05	1.706E+02	7.641E+01	5.520E+00	2.006E+00	1.273E+01	1.034E+01	1.227E+00
4.500E+03	2.716E-05	1.761E+02	7.675E+01	5.483E+00	2.012E+00	1.743E+01	1.468E+01	1.181E+00
4.600E+03	2.644E-05	1.838E+02	7.721E+01	5.473E+00	2.022E+00	2.532E+01	2.188E+01	1.145E+00
4.700E+03	2.565E-05	1.951E+02	7.788E+01	5.498E+00	2.040E+00	3.774E+01	3.305E+01	1.121E+00
4.800E+03	2.476E-05	2.121E+02	7.885E+01	5.560E+00	2.070E+00	5.580E+01	4.875E+01	1.106E+00
4.900E+03	2.373E-05	2.367E+02	8.024E+01	5.657E+00	2.115E+00	7.945E+01	6.717E+01	1.098E+00
5.000E+03	2.257E-05	2.707E+02	8.211E+01	5.790E+00	2.179E+00	1.066E+02	9.155E+01	1.094E+00
5.100E+03	2.131E-05	3.146E+02	8.448E+01	5.956E+00	2.263E+00	1.326E+02	1.123E+02	1.093E+00
5.200E+03	2.000E-05	3.669E+02	8.726E+01	6.149E+00	2.365E+00	1.517E+02	1.270E+02	1.093E+00
5.300E+03	1.874E-05	4.242E+02	9.024E+01	6.357E+00	2.476E+00	1.589E+02	1.324E+02	1.095E+00
5.400E+03	1.760E-05	4.816E+02	9.317E+01	6.589E+00	2.586E+00	1.527E+02	1.275E+02	1.098E+00
5.500E+03	1.662E-05	5.347E+02	9.583E+01	6.773E+00	2.690E+00	1.357E+02	1.140E+02	1.102E+00
5.600E+03	1.581E-05	5.804E+02	9.808E+01	6.953E+00	2.778E+00	1.135E+02	9.611E+01	1.108E+00
5.700E+03	1.515E-05	6.178E+02	9.989E+01	7.138E+00	2.848E+00	9.127E+01	7.771E+01	1.116E+00
5.800E+03	1.461E-05	6.476E+02	1.013E+02	7.301E+00	2.902E+00	7.225E+01	6.166E+01	1.126E+00
5.900E+03	1.415E-05	6.713E+02	1.024E+02	7.456E+00	2.944E+00	5.770E+01	4.915E+01	1.138E+00
6.000E+03	1.377E-05	6.904E+02	1.033E+02	7.602E+00	2.976E+00	4.746E+01	4.023E+01	1.150E+00
6.100E+03	1.343E-05	7.065E+02	1.040E+02	7.738E+00	3.002E+00	4.082E+01	3.439E+01	1.162E+00
6.200E+03	1.312E-05	7.206E+02	1.046E+02	7.860E+00	3.024E+00	3.697E+01	3.099E+01	1.171E+00
6.300E+03	1.283E-05	7.338E+02	1.052E+02	7.977E+00	3.043E+00	3.522E+01	2.941E+01	1.177E+00
6.400E+03	1.255E-05	7.466E+02	1.058E+02	8.059E+00	3.062E+00	3.502E+01	2.921E+01	1.178E+00
6.500E+03	1.228E-05	7.596E+02	1.063E+02	8.142E+00	3.081E+00	3.598E+01	3.003E+01	1.177E+00
6.600E+03	1.202E-05	7.730E+02	1.069E+02	8.219E+00	3.101E+00	3.784E+01	3.163E+01	1.174E+00
6.700E+03	1.175E-05	7.874E+02	1.075E+02	8.295E+00	3.121E+00	4.039E+01	3.381E+01	1.169E+00
6.800E+03	1.150E-05	8.027E+02	1.081E+02	8.371E+00	3.144E+00	4.349E+01	3.646E+01	1.165E+00
6.900E+03	1.125E-05	8.192E+02	1.088E+02	8.451E+00	3.169E+00	4.702E+01	3.945E+01	1.161E+00
7.000E+03	1.099E-05	8.372E+02	1.095E+02	8.534E+00	3.196E+00	5.090E+01	4.272E+01	1.157E+00
7.100E+03	1.074E-05	8.565E+02	1.102E+02	8.623E+00	3.226E+00	5.503E+01	4.617E+01	1.154E+00
7.200E+03	1.048E-05	8.775E+02	1.110E+02	8.717E+00	3.258E+00	5.933E+01	4.974E+01	1.151E+00
7.300E+03	1.023E-05	9.000E+02	1.119E+02	8.816E+00	3.294E+00	6.372E+01	5.334E+01	1.149E+00
7.400E+03	9.976E-06	9.241E+02	1.128E+02	8.920E+00	3.331E+00	6.809E+01	5.690E+01	1.147E+00
7.500E+03	9.725E-06	9.498E+02	1.137E+02	9.029E+00	3.372E+00	7.238E+01	6.036E+01	1.146E+00
7.600E+03	9.476E-06	9.771E+02	1.147E+02	9.142E+00	3.415E+00	7.649E+01	6.366E+01	1.145E+00
7.700E+03	9.230E-06	1.006E+03	1.157E+02	9.260E+00	3.461E+00	8.036E+01	6.674E+01	1.144E+00
7.800E+03	8.988E-06	1.036E+03	1.168E+02	9.382E+00	3.508E+00	8.394E+01	6.957E+01	1.143E+00
7.900E+03	8.751E-06	1.067E+03	1.179E+02	9.506E+00	3.557E+00	8.724E+01	7.216E+01	1.143E+00
8.000E+03	8.520E-06	1.100E+03	1.190E+02	9.633E+00	3.608E+00	9.028E+01	7.458E+01	1.143E+00
8.100E+03	8.275E-06	1.168E+03	1.213E+02	9.892E+00	3.715E+00	9.577E+01	7.910E+01	1.142E+00
8.200E+03	8.075E-06	1.240E+03	1.237E+02	1.016E+00	3.825E+00	1.021E+02	8.403E+01	1.141E+00
8.300E+03	7.854E-06	1.318E+03	1.261E+02	1.042E+00	3.942E+00	1.099E+02	9.032E+01	1.139E+00
8.400E+03	7.255E-06	1.402E+03	1.288E+02	1.070E+01	4.066E+00	1.202E+02	9.848E+01	1.137E+00
8.500E+03	6.874E-06	1.494E+03	1.316E+02	1.099E+01	4.200E+00	1.325E+02	1.082E+02	1.136E+00
9.000E+03	6.507E-06	1.598E+03	1.347E+02	1.130E+01	4.346E+00	1.457E+02	1.184E+02	1.135E+00
9.200E+03	6.152E-06	1.708E+03	1.379E+02	1.162E+01	4.504E+00	1.578E+02	1.275E+02	1.135E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/AR	Z	CP/R	CV/R	GAMMA
9.600E+03	5.484E-06	1.827E+03	1.414E+02	1.197E+01	4.672E+00	1.663E+02	1.340E+02	1.135E+00
9.800E+03	5.181E-06	1.950E+03	1.448E+02	1.232E+01	4.844E+00	1.700E+02	1.365E+02	1.137E+00
1.000E+04	4.903E-06	2.074E+03	1.483E+02	1.268E+01	5.016E+00	1.673E+02	1.343E+02	1.140E+00
1.020E+04	4.655E-06	2.193E+03	1.515E+02	1.304E+01	5.179E+00	1.583E+02	1.273E+02	1.144E+00
1.040E+04	4.438E-06	2.305E+03	1.544E+02	1.339E+01	5.329E+00	1.444E+02	1.165E+02	1.150E+00
1.060E+04	4.249E-06	2.404E+03	1.570E+02	1.372E+01	5.460E+00	1.274E+02	1.032E+02	1.157E+00
1.080E+04	4.087E-06	2.491E+03	1.593E+02	1.405E+01	5.572E+00	1.097E+02	8.893E+01	1.166E+00
1.100E+04	3.948E-06	2.565E+03	1.611E+02	1.436E+01	5.664E+00	9.267E+01	7.515E+01	1.177E+00
1.120E+04	3.827E-06	2.627E+03	1.626E+02	1.467E+01	5.737E+00	7.757E+01	6.270E+01	1.191E+00
1.140E+04	3.722E-06	2.679E+03	1.639E+02	1.498E+01	5.796E+00	6.480E+01	5.205E+01	1.208E+00
1.160E+04	3.630E-06	2.723E+03	1.649E+02	1.529E+01	5.841E+00	5.441E+01	4.328E+01	1.227E+00
1.180E+04	3.547E-06	2.759E+03	1.658E+02	1.561E+01	5.876E+00	4.617E+01	3.627E+01	1.249E+00
1.200E+04	3.472E-06	2.791E+03	1.665E+02	1.592E+01	5.904E+00	3.977E+01	3.079E+01	1.272E+00
1.220E+04	3.403E-06	2.818E+03	1.671E+02	1.624E+01	5.925E+00	3.485E+01	2.656E+01	1.296E+00
1.240E+04	3.338E-06	2.842E+03	1.677E+02	1.654E+01	5.941E+00	3.113E+01	2.335E+01	1.320E+00
1.260E+04	3.278E-06	2.864E+03	1.681E+02	1.683E+01	5.954E+00	2.836E+01	2.096E+01	1.342E+00
1.280E+04	3.222E-06	2.884E+03	1.686E+02	1.710E+01	5.964E+00	2.634E+01	1.922E+01	1.362E+00
1.300E+04	3.168E-06	2.902E+03	1.690E+02	1.734E+01	5.972E+00	2.493E+01	1.801E+01	1.377E+00
1.320E+04	3.115E-06	2.920E+03	1.693E+02	1.755E+01	5.979E+00	2.403E+01	1.725E+01	1.387E+00
1.340E+04	3.067E-06	2.934E+03	1.697E+02	1.771E+01	5.984E+00	2.358E+01	1.639E+01	1.391E+00
1.360E+04	3.019E-06	2.955E+03	1.700E+02	1.784E+01	5.989E+00	2.355E+01	1.689E+01	1.389E+00
1.380E+04	2.973E-06	2.972E+03	1.704E+02	1.793E+01	5.994E+00	2.393E+01	1.727E+01	1.381E+00
1.400E+04	2.928E-06	2.990E+03	1.707E+02	1.798E+01	5.999E+00	2.476E+01	1.804E+01	1.368E+00
1.420E+04	2.884E-06	3.009E+03	1.711E+02	1.799E+01	6.005E+00	2.607E+01	1.924E+01	1.350E+00
1.440E+04	2.841E-06	3.028E+03	1.715E+02	1.799E+01	6.011E+00	2.742E+01	2.093E+01	1.329E+00
1.460E+04	2.799E-06	3.050E+03	1.719E+02	1.797E+01	6.018E+00	3.040E+01	2.317E+01	1.306E+00
1.480E+04	2.757E-06	3.073E+03	1.723E+02	1.794E+01	6.027E+00	3.359E+01	2.604E+01	1.282E+00
1.500E+04	2.715E-06	3.099E+03	1.728E+02	1.792E+01	6.038E+00	3.756E+01	2.959E+01	1.260E+00
1.520E+04	2.674E-06	3.128E+03	1.733E+02	1.791E+01	6.052E+00	4.239E+01	3.388E+01	1.240E+00
1.540E+04	2.631E-06	3.161E+03	1.739E+02	1.792E+01	6.069E+00	4.810E+01	3.893E+01	1.222E+00
1.560E+04	2.589E-06	3.199E+03	1.746E+02	1.795E+01	6.089E+00	5.466E+01	4.470E+01	1.206E+00
1.580E+04	2.546E-06	3.242E+03	1.753E+02	1.801E+01	6.114E+00	6.200E+01	5.110E+01	1.193E+00
1.600E+04	2.502E-06	3.290E+03	1.761E+02	1.808E+01	6.143E+00	6.993E+01	5.796E+01	1.183E+00
1.620E+04	2.458E-06	3.344E+03	1.771E+02	1.818E+01	6.177E+00	7.818E+01	6.503E+01	1.175E+00
1.640E+04	2.413E-06	3.404E+03	1.781E+02	1.830E+01	6.216E+00	8.642E+01	7.203E+01	1.168E+00
1.660E+04	2.367E-06	3.471E+03	1.792E+02	1.844E+01	6.259E+00	9.425E+01	7.862E+01	1.163E+00
1.680E+04	2.321E-06	3.542E+03	1.803E+02	1.859E+01	6.307E+00	1.013E+02	8.449E+01	1.160E+00
1.700E+04	2.275E-06	3.619E+03	1.816E+02	1.876E+01	6.358E+00	1.072E+02	8.938E+01	1.158E+00
1.720E+04	2.230E-06	3.699E+03	1.828E+02	1.894E+01	6.412E+00	1.118E+02	9.313E+01	1.156E+00
1.740E+04	2.186E-06	3.782E+03	1.842E+02	1.913E+01	6.467E+00	1.149E+02	9.570E+01	1.156E+00
1.760E+04	2.142E-06	3.867E+03	1.855E+02	1.932E+01	6.524E+00	1.167E+02	9.719E+01	1.155E+00
1.780E+04	2.100E-06	3.953E+03	1.868E+02	1.951E+01	6.581E+00	1.175E+02	9.781E+01	1.155E+00
1.800E+04	2.059E-06	4.039E+03	1.881E+02	1.971E+01	6.637E+00	1.176E+02	9.792E+01	1.156E+00
1.820E+04	2.019E-06	4.125E+03	1.894E+02	1.990E+01	6.692E+00	1.175E+02	9.790E+01	1.155E+00
1.840E+04	1.981E-06	4.211E+03	1.907E+02	2.008E+01	6.746E+00	1.177E+02	9.819E+01	1.155E+00
1.860E+04	1.945E-06	4.298E+03	1.920E+02	2.026E+01	6.800E+00	1.187E+02	9.921E+01	1.154E+00
1.880E+04	1.909E-06	4.385E+03	1.933E+02	2.043E+01	6.853E+00	1.210E+02	1.013E+02	1.152E+00
1.900E+04	1.874E-06	4.475E+03	1.946E+02	2.060E+01	6.906E+00	1.249E+02	1.048E+02	1.149E+00
1.920E+04	1.840E-06	4.569E+03	1.959E+02	2.076E+01	6.960E+00	1.307E+02	1.099E+02	1.146E+00
1.940E+04	1.807E-06	4.667E+03	1.973E+02	2.092E+01	7.017E+00	1.383E+02	1.165E+02	1.143E+00
1.960E+04	1.773E-06	4.772E+03	1.988E+02	2.108E+01	7.076E+00	1.479E+02	1.247E+02	1.139E+00
1.980E+04	1.740E-06	4.884E+03	2.003E+02	2.125E+01	7.139E+00	1.591E+02	1.343E+02	1.136E+00
2.000E+04	1.706E-06	5.005E+03	2.020E+02	2.143E+01	7.207E+00	1.716E+02	1.448E+02	1.133E+00
2.020E+04	1.673E-06	5.135E+03	2.037E+02	2.163E+01	7.280E+00	1.848E+02	1.558E+02	1.131E+00
2.040E+04	1.639E-06	5.276E+03	2.056E+02	2.183E+01	7.356E+00	1.981E+02	1.667E+02	1.129E+00
2.060E+04	1.604E-06	5.425E+03	2.076E+02	2.205E+01	7.441E+00	2.107E+02	1.770E+02	1.127E+00
2.080E+04	1.570E-06	5.584E+03	2.097E+02	2.228E+01	7.530E+00	2.219E+02	1.860E+02	1.127E+00
2.100E+04	1.537E-06	5.750E+03	2.119E+02	2.252E+01	7.622E+00	2.309E+02	1.931E+02	1.126E+00
2.120E+04	1.503E-06	5.921E+03	2.141E+02	2.277E+01	7.717E+00	2.372E+02	1.980E+02	1.127E+00
2.140E+04	1.471E-06	6.096E+03	2.164E+02	2.303E+01	7.814E+00	2.403E+02	2.003E+02	1.127E+00
2.160E+04	1.439E-06	6.273E+03	2.186E+02	2.329E+01	7.911E+00	2.401E+02	1.999E+02	1.128E+00
2.180E+04	1.409E-06	6.447E+03	2.208E+02	2.356E+01	8.008E+00	2.365E+02	1.969E+02	1.130E+00
2.200E+04	1.380E-06	6.618E+03	2.229E+02	2.382E+01	8.101E+00	2.299E+02	1.913E+02	1.132E+00
2.220E+04	1.353E-06	6.783E+03	2.250E+02	2.409E+01	8.191E+00	2.207E+02	1.837E+02	1.135E+00
2.240E+04	1.327E-06	6.941E+03	2.269E+02	2.436E+01	8.276E+00	2.093E+02	1.743E+02	1.138E+00
2.260E+04	1.302E-06	7.089E+03	2.287E+02	2.462E+01	8.355E+00	1.965E+02	1.636E+02	1.141E+00
2.280E+04	1.283E-06	7.228E+03	2.304E+02	2.489E+01	8.429E+00	1.827E+02	1.522E+02	1.146E+00
2.300E+04	1.259E-06	7.357E+03	2.319E+02	2.515E+01	8.496E+00	1.686E+02	1.403E+02	1.151E+00
2.320E+04	1.239E-06	7.475E+03	2.333E+02	2.541E+01	8.556E+00	1.546E+02	1.286E+02	1.156E+00
2.340E+04	1.221E-06	7.583E+03	2.346E+02	2.567E+01	8.611E+00	1.410E+02	1.171E+02	1.163E+00
2.360E+04	1.204E-06	7.682E+03	2.357E+02	2.593E+01	8.659E+00	1.282E+02	1.062E+02	1.170E+00
2.380E+04	1.188E-06	7.771E+03	2.367E+02	2.620E+01	8.702E+00	1.163E+02	9.599E+01	1.178E+00
2.400E+04	1.173E-06	7.853E+03	2.377E+02	2.646E+01	8.740E+00	1.054E+02	8.662E+01	1.187E+00
2.420E+04	1.158E-06	7.926E+03	2.385E+02	2.673E+01	8.773E+00	9.560E+01	7.811E+01	1.197E+00
2.440E+04	1.145E-06	7.993E+03	2.393E+02	2.701E+01	8.802E+00	8.678E+01	7.046E+01	1.207E+00
2.460E+04	1.133E-06	8.053E+03	2.399E+02	2.729E+01	8.827E+00	7.896E+01	6.364E+01	1.219E+00
2.480E+04	1.121E-06	8.109E+03	2.405E+02	2.757E+01	8.849E+00	7.206E+01	5.761E+01	1.231E+00
2.500E+04	1.109E-06	8.154E+03	2.411E+02	2.786E+01	8.869E+00	6.600E+01	5.230E+01	1.245E+00

Table I. - Continued.

P/P0 = 1.00E-03

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	CAMMA
1.000E+02	2.733E-03	-1.718E+02	2.842E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E-03	-1.705E+02	3.095E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E-04	-1.690E+02	3.264E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E-04	-1.672E+02	3.399E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E-04	-1.653E+02	3.515E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E-04	-1.633E+02	3.615E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E-04	-1.612E+02	3.705E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E-04	-1.590E+02	3.786E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E-04	-1.567E+02	3.860E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E-04	-1.543E+02	3.928E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	2.484E-04	-1.519E+02	3.990E+01	1.909E+00	1.000E+00	6.646E+00	5.646E+00	1.177E+00
1.200E+03	2.277E-04	-1.494E+02	4.049E+01	1.990E+00	1.000E+00	6.788E+00	5.788E+00	1.173E+00
1.300E+03	2.102E-04	-1.469E+02	4.104E+01	2.067E+00	1.000E+00	6.994E+00	5.994E+00	1.168E+00
1.400E+03	1.951E-04	-1.443E+02	4.157E+01	2.138E+00	1.001E+00	7.389E+00	6.389E+00	1.160E+00
1.500E+03	1.819E-04	-1.415E+02	4.210E+01	2.202E+00	1.002E+00	8.193E+00	7.137E+00	1.147E+00
1.600E+03	1.700E-04	-1.382E+02	4.268E+01	2.261E+00	1.005E+00	9.753E+00	8.616E+00	1.130E+00
1.700E+03	1.591E-04	-1.342E+02	4.334E+01	2.318E+00	1.011E+00	1.255E+01	1.124E+01	1.112E+00
1.800E+03	1.486E-04	-1.289E+02	4.418E+01	2.362E+00	1.022E+00	1.714E+01	1.552E+01	1.097E+00
1.900E+03	1.381E-04	-1.213E+02	4.528E+01	2.439E+00	1.042E+00	2.410E+01	2.189E+01	1.086E+00
2.000E+03	1.272E-04	-1.108E+02	4.675E+01	2.555E+00	1.074E+00	3.372E+01	3.052E+01	1.081E+00
2.100E+03	1.159E-04	-9.533E+01	4.868E+01	2.675E+00	1.123E+00	4.573E+01	4.100E+01	1.079E+00
2.200E+03	1.042E-04	-7.716E+01	5.111E+01	2.821E+00	1.192E+00	5.906E+01	5.218E+01	1.079E+00
2.300E+03	9.274E-05	-5.317E+01	5.402E+01	2.994E+00	1.281E+00	7.170E+01	6.237E+01	1.092E+00
2.400E+03	8.119E-05	-2.499E+01	5.730E+01	3.190E+00	1.389E+00	8.166E+01	7.001E+01	1.085E+00
2.500E+03	7.236E-05	6.084E+00	6.076E+01	3.404E+00	1.511E+00	8.718E+01	7.391E+01	1.090E+00
2.600E+03	6.420E-05	3.802E+01	6.418E+01	3.624E+00	1.637E+00	8.589E+01	7.240E+01	1.097E+00
2.700E+03	5.765E-05	6.781E+01	6.726E+01	3.858E+00	1.755E+00	7.521E+01	6.351E+01	1.105E+00
2.800E+03	5.274E-05	9.215E+01	6.968E+01	4.034E+00	1.850E+00	6.699E+01	4.841E+01	1.117E+00
2.900E+03	4.920E-05	1.095E+02	7.134E+01	4.213E+00	1.915E+00	5.833E+01	3.259E+01	1.136E+00
3.000E+03	4.662E-05	1.208E+02	7.239E+01	4.384E+00	1.954E+00	2.467E+01	2.072E+01	1.166E+00
3.100E+03	4.464E-05	1.242E+02	7.306E+01	4.560E+00	1.975E+00	1.649E+01	1.350E+01	1.208E+00
3.200E+03	4.300E-05	1.334E+02	7.350E+01	4.739E+00	1.986E+00	1.206E+01	9.539E+00	1.256E+00
3.300E+03	4.157E-05	1.373E+02	7.383E+01	4.905E+00	1.992E+00	9.741E+00	7.459E+00	1.301E+00
3.400E+03	4.028E-05	1.405E+02	7.410E+01	5.049E+00	1.995E+00	8.529E+00	6.372E+00	1.336E+00
3.500E+03	3.909E-05	1.436E+02	7.434E+01	5.194E+00	1.997E+00	7.891E+00	5.800E+00	1.359E+00
3.600E+03	3.799E-05	1.465E+02	7.456E+01	5.270E+00	1.998E+00	7.552E+00	5.497E+00	1.373E+00
3.700E+03	3.695E-05	1.492E+02	7.476E+01	5.358E+00	1.999E+00	7.378E+00	5.344E+00	1.380E+00
3.800E+03	3.597E-05	1.519E+02	7.496E+01	5.436E+00	1.999E+00	7.309E+00	5.286E+00	1.382E+00
3.900E+03	3.504E-05	1.546E+02	7.515E+01	5.503E+00	2.000E+00	7.330E+00	5.309E+00	1.380E+00
4.000E+03	3.416E-05	1.573E+02	7.534E+01	5.557E+00	2.000E+00	7.467E+00	5.440E+00	1.372E+00
4.100E+03	3.332E-05	1.600E+02	7.552E+01	5.592E+00	2.000E+00	7.796E+00	5.750E+00	1.355E+00
4.200E+03	3.251E-05	1.630E+02	7.572E+01	5.600E+00	2.001E+00	8.472E+00	6.383E+00	1.326E+00
4.300E+03	3.173E-05	1.663E+02	7.593E+01	5.578E+00	2.003E+00	9.777E+00	7.601E+00	1.285E+00
4.400E+03	3.097E-05	1.703E+02	7.618E+01	5.537E+00	2.005E+00	1.218E+01	9.836E+00	1.235E+00
4.500E+03	3.020E-05	1.753E+02	7.650E+01	5.499E+00	2.011E+00	1.644E+01	1.376E+01	1.188E+00
4.600E+03	2.941E-05	1.827E+02	7.693E+01	5.484E+00	2.020E+00	2.361E+01	2.032E+01	1.150E+00
4.700E+03	2.855E-05	1.933E+02	7.755E+01	5.503E+00	2.037E+00	3.499E+01	3.039E+01	1.125E+00
4.800E+03	2.759E-05	2.090E+02	7.846E+01	5.558E+00	2.063E+00	5.175E+01	4.540E+01	1.109E+00
4.900E+03	2.650E-05	2.319E+02	7.974E+01	5.648E+00	2.105E+00	7.411E+01	6.463E+01	1.100E+00
5.000E+03	2.525E-05	2.637E+02	8.150E+01	5.774E+00	2.165E+00	1.004E+02	8.649E+01	1.095E+00
5.100E+03	2.387E-05	3.054E+02	8.375E+01	5.933E+00	2.245E+00	1.267E+02	1.076E+02	1.093E+00
5.200E+03	2.244E-05	3.558E+02	8.643E+01	6.120E+00	2.342E+00	1.474E+02	1.236E+02	1.093E+00
5.300E+03	2.103E-05	4.120E+02	8.935E+01	6.325E+00	2.451E+00	1.573E+02	1.311E+02	1.095E+00
5.400E+03	1.975E-05	4.694E+02	9.228E+01	6.536E+00	2.563E+00	1.540E+02	1.284E+02	1.097E+00
5.500E+03	1.863E-05	5.234E+02	9.499E+01	6.741E+00	2.667E+00	1.394E+02	1.168E+02	1.101E+00
5.600E+03	1.770E-05	5.706E+02	9.731E+01	6.934E+00	2.755E+00	1.183E+02	9.988E+01	1.107E+00
5.700E+03	1.693E-05	6.098E+02	9.921E+01	7.112E+00	2.831E+00	9.599E+01	8.159E+01	1.114E+00
5.800E+03	1.631E-05	6.413E+02	1.007E+02	7.278E+00	2.889E+00	7.629E+01	6.505E+01	1.124E+00
5.900E+03	1.579E-05	6.652E+02	1.019E+02	7.434E+00	2.934E+00	6.079E+01	5.180E+01	1.135E+00
6.000E+03	1.535E-05	6.863E+02	1.028E+02	7.582E+00	2.968E+00	4.962E+01	4.210E+01	1.148E+00
6.100E+03	1.496E-05	7.030E+02	1.035E+02	7.721E+00	2.995E+00	4.218E+01	3.558E+01	1.160E+00
6.200E+03	1.461E-05	7.175E+02	1.042E+02	7.847E+00	3.018E+00	3.768E+01	3.160E+01	1.170E+00
6.300E+03	1.428E-05	7.309E+02	1.048E+02	7.958E+00	3.038E+00	3.540E+01	2.957E+01	1.176E+00
6.400E+03	1.397E-05	7.437E+02	1.053E+02	8.054E+00	3.057E+00	3.479E+01	2.900E+01	1.179E+00
6.500E+03	1.367E-05	7.565E+02	1.059E+02	8.139E+00	3.075E+00	3.541E+01	2.953E+01	1.178E+00
6.600E+03	1.338E-05	7.697E+02	1.064E+02	8.218E+00	3.094E+00	3.698E+01	3.087E+01	1.176E+00
6.700E+03	1.310E-05	7.836E+02	1.070E+02	8.293E+00	3.115E+00	3.928E+01	3.284E+01	1.172E+00
6.800E+03	1.281E-05	7.985E+02	1.076E+02	8.369E+00	3.136E+00	4.213E+01	3.530E+01	1.167E+00
6.900E+03	1.253E-05	8.146E+02	1.082E+02	8.447E+00	3.160E+00	4.544E+01	3.813E+01	1.163E+00
7.000E+03	1.225E-05	8.319E+02	1.089E+02	8.529E+00	3.186E+00	4.919E+01	4.126E+01	1.159E+00
7.100E+03	1.197E-05	8.505E+02	1.096E+02	8.615E+00	3.213E+00	5.317E+01	4.459E+01	1.156E+00
7.200E+03	1.169E-05	8.708E+02	1.104E+02	8.707E+00	3.246E+00	5.735E+01	4.806E+01	1.153E+00
7.300E+03	1.141E-05	8.926E+02	1.112E+02	8.804E+00	3.280E+00	6.164E+01	5.159E+01	1.151E+00
7.400E+03	1.113E-05	9.160E+02	1.121E+02	8.905E+00	3.317E+00	6.596E+01	5.512E+01	1.149E+00
7.500E+03	1.086E-05	9.409E+02	1.130E+02	9.012E+00	3.356E+00	7.022E+01	5.857E+01	1.147E+00
7.600E+03	1.058E-05	9.674E+02	1.140E+02	9.123E+00	3.397E+00	7.435E+01	6.189E+01	1.146E+00
7.700E+03	1.031E-05	9.953E+02	1.150E+02	9.239E+00	3.442E+00	7.827E+01	6.501E+01	1.145E+00
7.800E+03	1.004E-05	1.025E+03	1.160E+02	9.358E+00	3.488E+00	8.194E+01	6.792E+01	1.144E+00
7.900E+03	9.782E-06	1.055E+03	1.171E+02	9.481E+00	3.536E+00	8.533E+01	7.060E+01	1.144E+00
8.000E+03	9.525E-06	1.087E+03	1.182E+02	9.606E+00	3.586E+00	8.846E+01	7.306E+01	1.144E+00
8.200E+03	9.031E-06	1.154E+03	1.204E+02	9.863E+00	3.690E+00	9.422E+01	7.763E+01	1.143E+00



Table 1. - Continued.

T	RHQ/RHQ-0	H/RTO	S/R	A/AD	Z	CP/R	CV/R	GAMMA
8.400E+03	8.563E-06	1.223E+03	1.228E+02	1.012E+01	3.799E+00	1.001E+02	8.237E+01	1.142E+00
8.500E+03	8.119E-06	1.301E+03	1.252E+02	1.039E+01	3.914E+00	1.079E+02	8.825E+01	1.140E+00
8.600E+03	7.697E-06	1.383E+03	1.278E+02	1.066E+01	4.035E+00	1.170E+02	9.585E+01	1.138E+00
8.800E+03	7.290E-06	1.473E+03	1.305E+02	1.095E+01	4.165E+00	1.287E+02	1.051E+02	1.137E+00
9.200E+03	6.896E-06	1.572E+03	1.335E+02	1.125E+01	4.307E+00	1.415E+02	1.150E+02	1.135E+00
9.400E+03	6.516E-06	1.680E+03	1.367E+02	1.157E+01	4.461E+00	1.538E+02	1.244E+02	1.133E+00
9.600E+03	6.154E-06	1.796E+03	1.400E+02	1.191E+01	4.625E+00	1.634E+02	1.315E+02	1.136E+00
9.800E+03	5.814E-06	1.918E+03	1.434E+02	1.226E+01	4.796E+00	1.683E+02	1.351E+02	1.137E+00
1.000E+04	5.502E-06	2.041E+03	1.468E+02	1.262E+01	4.976E+00	1.673E+02	1.342E+02	1.140E+00
1.020E+04	5.221E-06	2.162E+03	1.501E+02	1.298E+01	5.132E+00	1.602E+02	1.267E+02	1.144E+00
1.040E+04	4.972E-06	2.275E+03	1.531E+02	1.333E+01	5.284E+00	1.478E+02	1.190E+02	1.149E+00
1.060E+04	4.756E-06	2.377E+03	1.558E+02	1.367E+01	5.420E+00	1.319E+02	1.066E+02	1.135E+00
1.080E+04	4.570E-06	2.468E+03	1.581E+02	1.399E+01	5.537E+00	1.145E+02	9.278E+01	1.164E+00
1.100E+04	4.409E-06	2.545E+03	1.600E+02	1.431E+01	5.634E+00	9.749E+01	7.902E+01	1.174E+00
1.120E+04	4.271E-06	2.611E+03	1.616E+02	1.462E+01	5.713E+00	8.198E+01	6.631E+01	1.187E+00
1.140E+04	4.150E-06	2.666E+03	1.630E+02	1.492E+01	5.776E+00	6.865E+01	5.524E+01	1.203E+00
1.160E+04	4.046E-06	2.712E+03	1.641E+02	1.523E+01	5.825E+00	5.764E+01	4.599E+01	1.221E+00
1.180E+04	3.949E-06	2.751E+03	1.650E+02	1.554E+01	5.864E+00	4.882E+01	3.851E+01	1.241E+00
1.200E+04	3.864E-06	2.784E+03	1.657E+02	1.586E+01	5.894E+00	4.189E+01	3.259E+01	1.264E+00
1.220E+04	3.786E-06	2.812E+03	1.664E+02	1.617E+01	5.917E+00	3.654E+01	2.800E+01	1.288E+00
1.240E+04	3.713E-06	2.838E+03	1.669E+02	1.648E+01	5.935E+00	3.245E+01	2.449E+01	1.311E+00
1.260E+04	3.646E-06	2.860E+03	1.674E+02	1.677E+01	5.949E+00	2.938E+01	2.184E+01	1.334E+00
1.280E+04	3.582E-06	2.881E+03	1.679E+02	1.705E+01	5.960E+00	2.712E+01	1.989E+01	1.354E+00
1.300E+04	3.522E-06	2.900E+03	1.683E+02	1.730E+01	5.968E+00	2.550E+01	1.850E+01	1.371E+00
1.320E+04	3.464E-06	2.918E+03	1.687E+02	1.751E+01	5.976E+00	2.442E+01	1.758E+01	1.382E+00
1.340E+04	3.409E-06	2.936E+03	1.690E+02	1.770E+01	5.982E+00	2.381E+01	1.707E+01	1.389E+00
1.360E+04	3.356E-06	2.953E+03	1.694E+02	1.784E+01	5.987E+00	2.361E+01	1.694E+01	1.389E+00
1.380E+04	3.305E-06	2.971E+03	1.697E+02	1.794E+01	5.992E+00	2.384E+01	1.717E+01	1.384E+00
1.400E+04	3.255E-06	2.988E+03	1.701E+02	1.800E+01	5.997E+00	2.449E+01	1.778E+01	1.372E+00
1.420E+04	3.206E-06	3.007E+03	1.704E+02	1.803E+01	6.002E+00	2.560E+01	1.880E+01	1.356E+00
1.440E+04	3.159E-06	3.026E+03	1.708E+02	1.804E+01	6.008E+00	2.722E+01	2.029E+01	1.337E+00
1.460E+04	3.112E-06	3.047E+03	1.712E+02	1.802E+01	6.015E+00	2.934E+01	2.257E+01	1.314E+00
1.480E+04	3.065E-06	3.069E+03	1.716E+02	1.800E+01	6.024E+00	3.230E+01	2.487E+01	1.292E+00
1.500E+04	3.019E-06	3.094E+03	1.720E+02	1.797E+01	6.034E+00	3.591E+01	2.811E+01	1.269E+00
1.520E+04	2.973E-06	3.122E+03	1.726E+02	1.796E+01	6.046E+00	4.033E+01	3.205E+01	1.248E+00
1.540E+04	2.927E-06	3.153E+03	1.731E+02	1.797E+01	6.062E+00	4.561E+01	3.672E+01	1.229E+00
1.560E+04	2.881E-06	3.189E+03	1.737E+02	1.799E+01	6.081E+00	5.174E+01	4.212E+01	1.213E+00
1.580E+04	2.834E-06	3.229E+03	1.744E+02	1.803E+01	6.104E+00	5.867E+01	4.818E+01	1.199E+00
1.590E+04	2.786E-06	3.273E+03	1.752E+02	1.810E+01	6.131E+00	6.625E+01	5.475E+01	1.188E+00
1.520E+04	2.737E-06	3.326E+03	1.761E+02	1.819E+01	6.162E+00	7.427E+01	6.165E+01	1.179E+00
1.640E+04	2.688E-06	3.384E+03	1.771E+02	1.830E+01	6.199E+00	8.242E+01	6.860E+01	1.171E+00
1.660E+04	2.638E-06	3.447E+03	1.781E+02	1.843E+01	6.240E+00	9.035E+01	7.530E+01	1.166E+00
1.680E+04	2.588E-06	3.516E+03	1.792E+02	1.858E+01	6.285E+00	9.767E+01	8.143E+01	1.162E+00
1.700E+04	2.538E-06	3.590E+03	1.804E+02	1.874E+01	6.334E+00	1.040E+02	8.672E+01	1.159E+00
1.720E+04	2.488E-06	3.668E+03	1.817E+02	1.891E+01	6.386E+00	1.092E+02	9.096E+01	1.158E+00
1.740E+04	2.438E-06	3.749E+03	1.830E+02	1.909E+01	6.441E+00	1.130E+02	9.407E+01	1.156E+00
1.760E+04	2.390E-06	3.833E+03	1.843E+02	1.928E+01	6.497E+00	1.155E+02	9.608E+01	1.156E+00
1.780E+04	2.343E-06	3.918E+03	1.856E+02	1.947E+01	6.553E+00	1.168E+02	9.715E+01	1.156E+00
1.800E+04	2.297E-06	4.004E+03	1.869E+02	1.967E+01	6.609E+00	1.173E+02	9.756E+01	1.156E+00
1.820E+04	2.253E-06	4.090E+03	1.882E+02	1.986E+01	6.665E+00	1.173E+02	9.766E+01	1.156E+00
1.840E+04	2.210E-06	4.176E+03	1.895E+02	2.005E+01	6.719E+00	1.175E+02	9.787E+01	1.156E+00
1.860E+04	2.169E-06	4.262E+03	1.907E+02	2.023E+01	6.775E+00	1.182E+02	9.859E+01	1.155E+00
1.880E+04	2.129E-06	4.349E+03	1.920E+02	2.040E+01	6.826E+00	1.199E+02	1.002E+02	1.153E+00
1.900E+04	2.091E-06	4.438E+03	1.933E+02	2.057E+01	6.879E+00	1.230E+02	1.030E+02	1.151E+00
1.920E+04	2.053E-06	4.530E+03	1.946E+02	2.073E+01	6.933E+00	1.278E+02	1.073E+02	1.148E+00
1.940E+04	2.016E-06	4.626E+03	1.960E+02	2.090E+01	6.988E+00	1.345E+02	1.131E+02	1.145E+00
1.960E+04	1.979E-06	4.727E+03	1.974E+02	2.106E+01	7.046E+00	1.430E+02	1.205E+02	1.141E+00
1.980E+04	1.942E-06	4.833E+03	1.989E+02	2.122E+01	7.107E+00	1.533E+02	1.292E+02	1.138E+00
2.000E+04	1.905E-06	4.952E+03	2.005E+02	2.140E+01	7.172E+00	1.650E+02	1.391E+02	1.135E+00
2.020E+04	1.868E-06	5.077E+03	2.022E+02	2.159E+01	7.242E+00	1.776E+02	1.497E+02	1.132E+00
2.040E+04	1.831E-06	5.212E+03	2.040E+02	2.178E+01	7.317E+00	1.907E+02	1.604E+02	1.129E+00
2.060E+04	1.793E-06	5.356E+03	2.059E+02	2.200E+01	7.398E+00	2.034E+02	1.709E+02	1.129E+00
2.080E+04	1.756E-06	5.50E+03	2.080E+02	2.222E+01	7.483E+00	2.171E+02	1.803E+02	1.128E+00
2.100E+04	1.718E-06	5.671E+03	2.101E+02	2.245E+01	7.573E+00	2.251E+02	1.883E+02	1.127E+00
2.120E+04	1.681E-06	5.839E+03	2.122E+02	2.270E+01	7.666E+00	2.326E+02	1.942E+02	1.127E+00
2.140E+04	1.645E-06	6.011E+03	2.144E+02	2.295E+01	7.761E+00	2.373E+02	1.978E+02	1.127E+00
2.160E+04	1.610E-06	6.185E+03	2.167E+02	2.321E+01	7.858E+00	2.388E+02	1.988E+02	1.128E+00
2.180E+04	1.576E-06	6.360E+03	2.189E+02	2.347E+01	7.954E+00	2.371E+02	1.972E+02	1.130E+00
2.200E+04	1.543E-06	6.532E+03	2.210E+02	2.374E+01	8.048E+00	2.322E+02	1.931E+02	1.132E+00
2.220E+04	1.512E-06	6.699E+03	2.231E+02	2.401E+01	8.140E+00	2.245E+02	1.867E+02	1.134E+00
2.240E+04	1.483E-06	6.860E+03	2.250E+02	2.427E+01	8.227E+00	2.144E+02	1.784E+02	1.137E+00
2.260E+04	1.455E-06	7.013E+03	2.269E+02	2.454E+01	8.309E+00	2.026E+02	1.686E+02	1.140E+00
2.280E+04	1.429E-06	7.156E+03	2.286E+02	2.480E+01	8.385E+00	1.895E+02	1.577E+02	1.144E+00
2.300E+04	1.405E-06	7.290E+03	2.302E+02	2.506E+01	8.455E+00	1.758E+02	1.463E+02	1.148E+00
2.320E+04	1.383E-06	7.414E+03	2.317E+02	2.532E+01	8.519E+00	1.620E+02	1.347E+02	1.154E+00
2.340E+04	1.362E-06	7.527E+03	2.330E+02	2.558E+01	8.577E+00	1.484E+02	1.232E+02	1.159E+00
2.360E+04	1.342E-06	7.631E+03	2.342E+02	2.584E+01	8.628E+00	1.353E+02	1.121E+02	1.166E+00
2.380E+04	1.324E-06	7.726E+03	2.353E+02	2.611E+01	8.674E+00	1.230E+02	1.017E+02	1.174E+00
2.400E+04	1.308E-06	7.812E+03	2.363E+02	2.637E+01	8.715E+00	1.117E+02	9.196E+01	1.182E+00
2.420E+04	1.290E-06	7.890E+03	2.372E+02	2.664E+01	8.751E+00	1.014E+02	8.306E+01	1.191E+00
2.440E+04	1.275E-06	7.960E+03	2.380E+02	2.691E+01	8.782E+00	9.204E+01	7.499E+01	1.201E+00
2.460E+04	1.261E-06	8.025E+03	2.387E+02	2.718E+01	8.810E+00	8.371E+01	6.775E+01	1.212E+00
2.480E+04	1.247E-06	8.083E+03	2.393E+02	2.746E+01	8.834E+00	7.632E+01	6.131E+01	1.224E+00
2.500E+04	1.234E-06	8.137E+03	2.395E+02	2.775E+01	8.855E+00	6.981E+01	5.561E+01	1.237E+00

Table I. - Continued.

P/PO = 2.00E-03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E-03	-1.718E+02	2.773E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E-03	-1.709E+02	3.025E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E-03	-1.690E+02	3.194E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E-03	-1.672E+02	3.330E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.232E+00
5.000E+02	1.093E-03	-1.653E+02	3.445E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E-04	-1.633E+02	3.544E+01	1.431E+00	1.000E+00	5.666E+00	4.666E+00	1.213E+00
7.000E+02	7.808E-04	-1.612E+02	3.636E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E-04	-1.590E+02	3.717E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E-04	-1.567E+02	3.791E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E-04	-1.543E+02	3.858E+01	1.823E+00	1.000E+00	6.511E+00	5.511E+00	1.181E+00
1.100E+03	4.909E-04	-1.519E+02	3.921E+01	1.909E+00	1.000E+00	6.644E+00	5.644E+00	1.177E+00
1.200E+03	4.554E-04	-1.494E+02	3.979E+01	1.990E+00	1.000E+00	6.778E+00	5.778E+00	1.173E+00
1.300E+03	4.204E-04	-1.469E+02	4.034E+01	2.067E+00	1.000E+00	6.961E+00	5.956E+00	1.169E+00
1.400E+03	3.902E-04	-1.443E+02	4.087E+01	2.140E+00	1.000E+00	7.290E+00	6.273E+00	1.162E+00
1.500E+03	3.638E-04	-1.415E+02	4.139E+01	2.205E+00	1.001E+00	7.941E+00	6.897E+00	1.151E+00
1.600E+03	3.403E-04	-1.384E+02	4.194E+01	2.265E+00	1.004E+00	9.191E+00	8.083E+00	1.136E+00
1.700E+03	3.188E-04	-1.347E+02	4.256E+01	2.322E+00	1.008E+00	1.142E+01	1.018E+01	1.118E+00
1.800E+03	2.994E-04	-1.299E+02	4.331E+01	2.383E+00	1.017E+00	1.510E+01	1.361E+01	1.103E+00
1.900E+03	2.764E-04	-1.234E+02	4.426E+01	2.455E+00	1.033E+00	2.069E+01	1.876E+01	1.091E+00
2.000E+03	2.580E-04	-1.145E+02	4.551E+01	2.542E+00	1.059E+00	2.854E+01	2.585E+01	1.084E+00
2.100E+03	2.369E-04	-1.022E+02	4.714E+01	2.649E+00	1.099E+00	3.860E+01	3.471E+01	1.081E+00
2.200E+03	2.131E-04	-8.601E+01	4.920E+01	2.779E+00	1.155E+00	5.021E+01	4.462E+01	1.080E+00
2.300E+03	1.932E-04	-6.545E+01	5.170E+01	2.934E+00	1.230E+00	6.200E+01	5.430E+01	1.082E+00
2.400E+03	1.722E-04	-4.081E+01	5.456E+01	3.112E+00	1.322E+00	7.226E+01	6.237E+01	1.085E+00
2.500E+03	1.529E-04	-1.240E+01	5.767E+01	3.310E+00	1.430E+00	7.961E+01	6.763E+01	1.090E+00
2.600E+03	1.359E-04	1.698E+01	6.087E+01	3.519E+00	1.544E+00	8.272E+01	6.982E+01	1.095E+00
2.700E+03	1.216E-04	4.691E+01	6.396E+01	3.732E+00	1.665E+00	7.957E+01	6.689E+01	1.101E+00
2.800E+03	1.101E-04	7.426E+01	6.668E+01	3.936E+00	1.772E+00	6.856E+01	5.777E+01	1.110E+00
2.900E+03	1.014E-04	9.643E+01	6.880E+01	4.125E+00	1.858E+00	5.205E+01	4.407E+01	1.122E+00
3.000E+03	9.505E-05	1.124E+02	7.028E+01	4.297E+00	1.917E+00	3.581E+01	3.31E+01	1.142E+00
3.100E+03	9.029E-05	1.232E+02	7.125E+01	4.465E+00	1.953E+00	2.384E+01	1.994E+01	1.171E+00
3.200E+03	8.655E-05	1.304E+02	7.188E+01	4.636E+00	1.973E+00	1.644E+01	1.342E+01	1.210E+00
3.300E+03	8.345E-05	1.356E+02	7.231E+01	4.808E+00	1.985E+00	1.225E+01	9.688E+00	1.255E+00
3.400E+03	8.073E-05	1.396E+02	7.264E+01	4.970E+00	1.991E+00	9.955E+00	7.642E+00	1.297E+00
3.500E+03	7.929E-05	1.430E+02	7.291E+01	5.112E+00	1.995E+00	8.710E+00	6.529E+00	1.330E+00
3.600E+03	7.603E-05	1.461E+02	7.315E+01	5.232E+00	1.997E+00	8.028E+00	5.921E+00	1.354E+00
3.700E+03	7.393E-05	1.490E+02	7.336E+01	5.334E+00	1.998E+00	7.655E+00	5.589E+00	1.368E+00
3.800E+03	7.196E-05	1.517E+02	7.356E+01	5.423E+00	1.999E+00	7.457E+00	5.414E+00	1.376E+00
3.900E+03	7.010E-05	1.544E+02	7.375E+01	5.500E+00	1.999E+00	7.373E+00	5.343E+00	1.379E+00
4.000E+03	6.833E-05	1.571E+02	7.394E+01	5.567E+00	2.000E+00	7.386E+00	5.360E+00	1.378E+00
4.100E+03	6.665E-05	1.599E+02	7.412E+01	5.621E+00	2.000E+00	7.519E+00	5.488E+00	1.370E+00
4.200E+03	6.505E-05	1.627E+02	7.431E+01	5.656E+00	2.000E+00	7.841E+00	5.790E+00	1.353E+00
4.300E+03	6.351E-05	1.656E+02	7.450E+01	5.666E+00	2.001E+00	8.487E+00	6.396E+00	1.326E+00
4.400E+03	6.202E-05	1.689E+02	7.471E+01	5.648E+00	2.003E+00	9.702E+00	7.526E+00	1.287E+00
4.500E+03	6.056E-05	1.729E+02	7.495E+01	5.613E+00	2.005E+00	1.182E+01	9.547E+00	1.241E+00
4.600E+03	5.911E-05	1.778E+02	7.525E+01	5.577E+00	2.010E+00	1.564E+01	1.301E+01	1.196E+00
4.700E+03	5.760E-05	1.846E+02	7.564E+01	5.561E+00	2.019E+00	2.187E+01	1.867E+01	1.159E+00
4.800E+03	5.600E-05	1.942E+02	7.620E+01	5.575E+00	2.033E+00	3.151E+01	2.741E+01	1.132E+00
4.900E+03	5.424E-05	2.082E+02	7.699E+01	5.621E+00	2.056E+00	4.568E+01	3.996E+01	1.115E+00
5.000E+03	5.225E-05	2.283E+02	7.809E+01	5.701E+00	2.092E+00	6.471E+01	5.641E+01	1.104E+00
5.100E+03	4.999E-05	2.561E+02	7.960E+01	5.813E+00	2.144E+00	8.769E+01	7.566E+01	1.099E+00
5.200E+03	4.750E-05	2.927E+02	8.153E+01	5.957E+00	2.213E+00	1.119E+02	9.524E+01	1.096E+00
5.300E+03	4.485E-05	3.377E+02	8.387E+01	6.129E+00	2.299E+00	1.331E+02	1.118E+02	1.096E+00
5.400E+03	4.219E-05	3.892E+02	8.650E+01	6.321E+00	2.399E+00	1.467E+02	1.222E+02	1.097E+00
5.500E+03	3.967E-05	4.437E+02	8.924E+01	6.525E+00	2.505E+00	1.496E+02	1.242E+02	1.099E+00
5.600E+03	3.742E-05	4.973E+02	9.188E+01	6.729E+00	2.608E+00	1.416E+02	1.179E+02	1.102E+00
5.700E+03	3.548E-05	5.464E+02	9.425E+01	6.924E+00	2.702E+00	1.255E+02	1.052E+02	1.106E+00
5.800E+03	3.386E-05	5.888E+02	9.626E+01	7.107E+00	2.783E+00	1.058E+02	8.922E+01	1.113E+00
5.900E+03	3.253E-05	6.239E+02	9.790E+01	7.277E+00	2.848E+00	8.626E+01	7.314E+01	1.120E+00
6.000E+03	3.142E-05	6.523E+02	9.921E+01	7.437E+00	2.899E+00	6.949E+01	5.903E+01	1.130E+00
6.100E+03	3.048E-05	6.752E+02	1.002E+02	7.588E+00	2.940E+00	5.639E+01	4.762E+01	1.142E+00
6.200E+03	2.967E-05	6.940E+02	1.011E+02	7.732E+00	2.971E+00	4.990E+01	3.959E+01	1.154E+00
6.300E+03	2.893E-05	7.099E+02	1.018E+02	7.867E+00	2.997E+00	4.049E+01	3.398E+01	1.165E+00
6.400E+03	2.829E-05	7.239E+02	1.024E+02	7.990E+00	3.018E+00	3.653E+01	3.049E+01	1.175E+00
6.500E+03	2.768E-05	7.369E+02	1.029E+02	8.099E+00	3.038E+00	3.445E+01	2.845E+01	1.181E+00
6.600E+03	2.710E-05	7.493E+02	1.034E+02	8.195E+00	3.056E+00	3.380E+01	2.805E+01	1.184E+00
6.700E+03	2.654E-05	7.618E+02	1.040E+02	8.280E+00	3.073E+00	3.423E+01	2.840E+01	1.184E+00
6.800E+03	2.600E-05	7.745E+02	1.045E+02	8.359E+00	3.092E+00	3.549E+01	2.948E+01	1.181E+00
6.900E+03	2.546E-05	7.878E+02	1.050E+02	8.433E+00	3.111E+00	3.740E+01	3.111E+01	1.178E+00
7.000E+03	2.494E-05	8.020E+02	1.056E+02	8.508E+00	3.131E+00	3.983E+01	3.318E+01	1.174E+00
7.100E+03	2.441E-05	8.170E+02	1.061E+02	8.584E+00	3.153E+00	4.267E+01	3.559E+01	1.170E+00
7.200E+03	2.389E-05	8.332E+02	1.068E+02	8.663E+00	3.177E+00	4.585E+01	3.826E+01	1.166E+00
7.300E+03	2.337E-05	8.507E+02	1.074E+02	8.745E+00	3.203E+00	4.929E+01	4.114E+01	1.163E+00
7.400E+03	2.286E-05	8.694E+02	1.081E+02	8.832E+00	3.231E+00	5.294E+01	4.417E+01	1.160E+00
7.500E+03	2.234E-05	8.894E+02	1.088E+02	8.924E+00	3.262E+00	5.672E+01	4.728E+01	1.157E+00
7.600E+03	2.182E-05	9.109E+02	1.096E+02	9.020E+00	3.295E+00	6.057E+01	5.043E+01	1.155E+00
7.700E+03	2.131E-05	9.338E+02	1.104E+02	9.121E+00	3.330E+00	6.444E+01	5.357E+01	1.153E+00
7.800E+03	2.080E-05	9.581E+02	1.113E+02	9.226E+00	3.368E+00	6.825E+01	5.664E+01	1.152E+00
7.900E+03	2.030E-05	9.837E+02	1.122E+02	9.335E+00	3.408E+00	7.196E+01	5.960E+01	1.151E+00
8.000E+03	1.980E-05	1.011E+03	1.131E+02	9.448E+00	3.450E+00	7.552E+01	6.242E+01	1.150E+00
8.200E+03	1.883E-05	1.068E+03	1.151E+02	9.684E+00	3.540E+00	8.209E+01	6.780E+01	1.148E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAYMA
8.400E+03	1.789E-05	1.131E+03	1.171E+02	9.930E+00	3.636E+00	8.799E+01	7.224E+01	1.148E+00
8.500E+03	1.700E-05	1.197E+03	1.193E+02	1.018E+01	3.738E+00	9.371E+01	7.676E+01	1.147E+00
8.600E+03	1.615E-05	1.268E+03	1.215E+02	1.044E+01	3.845E+00	1.000E+02	8.178E+01	1.145E+00
9.000E+03	1.535E-05	1.344E+03	1.258E+02	1.070E+01	3.957E+00	1.077E+02	8.788E+01	1.144E+00
9.200E+03	1.457E-05	1.426E+03	1.263E+02	1.098E+01	4.077E+00	1.171E+02	9.527E+01	1.142E+00
9.400E+03	1.383E-05	1.516E+03	1.289E+02	1.126E+01	4.205E+00	1.278E+02	1.036E+02	1.141E+00
9.600E+03	1.311E-05	1.614E+03	1.317E+02	1.156E+01	4.344E+00	1.389E+02	1.121E+02	1.140E+00
9.800E+03	1.241E-05	1.719E+03	1.347E+02	1.188E+01	4.492E+00	1.490E+02	1.197E+02	1.140E+00
1.000E+04	1.176E-05	1.831E+03	1.378E+02	1.221E+01	4.649E+00	1.564E+02	1.252E+02	1.141E+00
1.020E+04	1.114E-05	1.947E+03	1.409E+02	1.256E+01	4.810E+00	1.599E+02	1.276E+02	1.142E+00
1.040E+04	1.057E-05	2.064E+03	1.440E+02	1.290E+01	4.970E+00	1.584E+02	1.264E+02	1.145E+00
1.060E+04	1.006E-05	2.178E+03	1.470E+02	1.325E+01	5.124E+00	1.520E+02	1.214E+02	1.149E+00
1.080E+04	9.607E-06	2.286E+03	1.497E+02	1.359E+01	5.268E+00	1.412E+02	1.131E+02	1.154E+00
1.100E+04	9.206E-06	2.384E+03	1.522E+02	1.392E+01	5.397E+00	1.276E+02	1.025E+02	1.160E+00
1.120E+04	8.857E-06	2.472E+03	1.544E+02	1.424E+01	5.510E+00	1.125E+02	9.055E+01	1.168E+00
1.140E+04	8.554E-06	2.549E+03	1.562E+02	1.455E+01	5.605E+00	9.735E+01	7.346E+01	1.177E+00
1.160E+04	8.289E-06	2.615E+03	1.578E+02	1.485E+01	5.684E+00	8.329E+01	6.704E+01	1.189E+00
1.180E+04	8.057E-06	2.671E+03	1.591E+02	1.515E+01	5.748E+00	7.088E+01	5.683E+01	1.202E+00
1.200E+04	7.853E-06	2.719E+03	1.602E+02	1.545E+01	5.800E+00	5.034E+01	4.807E+01	1.218E+00
1.220E+04	7.669E-06	2.760E+03	1.611E+02	1.574E+01	5.841E+00	3.166E+01	4.078E+01	1.237E+00
1.240E+04	7.504E-06	2.795E+03	1.619E+02	1.604E+01	5.874E+00	4.466E+01	3.486E+01	1.256E+00
1.260E+04	7.352E-06	2.826E+03	1.626E+02	1.634E+01	5.900E+00	3.712E+01	3.014E+01	1.278E+00
1.280E+04	7.213E-06	2.853E+03	1.631E+02	1.664E+01	5.920E+00	3.475E+01	2.643E+01	1.299E+00
1.300E+04	7.082E-06	2.877E+03	1.637E+02	1.693E+01	5.936E+00	3.147E+01	2.356E+01	1.320E+00
1.320E+04	6.960E-06	2.899E+03	1.641E+02	1.720E+01	5.949E+00	2.889E+01	2.139E+01	1.339E+00
1.340E+04	6.844E-06	2.919E+03	1.645E+02	1.745E+01	5.959E+00	2.701E+01	1.978E+01	1.356E+00
1.360E+04	6.734E-06	2.939E+03	1.649E+02	1.768E+01	5.968E+00	2.568E+01	1.865E+01	1.365E+00
1.380E+04	6.628E-06	2.957E+03	1.653E+02	1.787E+01	5.975E+00	2.483E+01	1.793E+01	1.377E+00
1.400E+04	6.527E-06	2.975E+03	1.657E+02	1.803E+01	5.981E+00	2.440E+01	1.759E+01	1.381E+00
1.420E+04	6.429E-06	2.993E+03	1.660E+02	1.816E+01	5.987E+00	2.436E+01	1.760E+01	1.379E+00
1.440E+04	6.334E-06	3.011E+03	1.663E+02	1.825E+01	5.992E+00	2.473E+01	1.796E+01	1.372E+00
1.460E+04	6.241E-06	3.029E+03	1.667E+02	1.830E+01	5.998E+00	2.551E+01	1.869E+01	1.360E+00
1.480E+04	6.151E-06	3.048E+03	1.670E+02	1.833E+01	6.004E+00	2.674E+01	1.981E+01	1.344E+00
1.500E+04	6.062E-06	3.069E+03	1.674E+02	1.834E+01	6.011E+00	2.846E+01	2.137E+01	1.326E+00
1.520E+04	5.975E-06	3.090E+03	1.678E+02	1.833E+01	6.018E+00	3.073E+01	2.342E+01	1.305E+00
1.540E+04	5.888E-06	3.114E+03	1.682E+02	1.831E+01	6.027E+00	3.362E+01	2.600E+01	1.285E+00
1.560E+04	5.802E-06	3.140E+03	1.687E+02	1.830E+01	6.038E+00	3.716E+01	2.916E+01	1.264E+00
1.580E+04	5.716E-06	3.168E+03	1.692E+02	1.831E+01	6.052E+00	4.142E+01	3.293E+01	1.246E+00
1.600E+04	5.630E-06	3.200E+03	1.697E+02	1.832E+01	6.068E+00	4.640E+01	3.733E+01	1.229E+00
1.620E+04	5.543E-06	3.236E+03	1.703E+02	1.835E+01	6.087E+00	5.210E+01	4.232E+01	1.214E+00
1.640E+04	5.455E-06	3.277E+03	1.710E+02	1.840E+01	6.109E+00	5.844E+01	4.783E+01	1.202E+00
1.660E+04	5.366E-06	3.322E+03	1.713E+02	1.848E+01	6.136E+00	6.531E+01	5.376E+01	1.182E+00
1.680E+04	5.276E-06	3.373E+03	1.726E+02	1.857E+01	6.156E+00	7.251E+01	5.993E+01	1.182E+00
1.700E+04	5.185E-06	3.428E+03	1.735E+02	1.868E+01	6.201E+00	7.981E+01	6.513E+01	1.176E+00
1.720E+04	5.092E-06	3.489E+03	1.745E+02	1.880E+01	6.240E+00	8.694E+01	7.211E+01	1.171E+00
1.740E+04	5.007E-06	3.556E+03	1.755E+02	1.895E+01	6.283E+00	9.360E+01	7.771E+01	1.167E+00
1.760E+04	4.920E-06	3.626E+03	1.766E+02	1.910E+01	6.329E+00	9.953E+01	8.271E+01	1.164E+00
1.780E+04	4.831E-06	3.701E+03	1.778E+02	1.927E+01	6.378E+00	1.045E+02	8.672E+01	1.162E+00
1.800E+04	4.742E-06	3.779E+03	1.790E+02	1.944E+01	6.429E+00	1.085E+02	8.995E+01	1.161E+00
1.820E+04	4.653E-06	3.860E+03	1.802E+02	1.962E+01	6.482E+00	1.114E+02	9.235E+01	1.160E+00
1.840E+04	4.565E-06	3.942E+03	1.814E+02	1.981E+01	6.534E+00	1.134E+02	9.399E+01	1.160E+00
1.860E+04	4.479E-06	4.026E+03	1.826E+02	1.994E+01	6.590E+00	1.147E+02	9.507E+01	1.159E+00
1.880E+04	4.376E-06	4.110E+03	1.839E+02	2.013E+01	6.643E+00	1.156E+02	9.589E+01	1.159E+00
1.900E+04	4.295E-06	4.195E+03	1.851E+02	2.036E+01	6.697E+00	1.165E+02	9.672E+01	1.158E+00
1.920E+04	4.217E-06	4.281E+03	1.863E+02	2.054E+01	6.750E+00	1.178E+02	9.781E+01	1.157E+00
1.940E+04	4.141E-06	4.358E+03	1.876E+02	2.071E+01	6.803E+00	1.194E+02	9.967E+01	1.156E+00
1.960E+04	4.067E-06	4.456E+03	1.888E+02	2.088E+01	6.856E+00	1.228E+02	1.024E+02	1.154E+00
1.980E+04	3.995E-06	4.548E+03	1.901E+02	2.105E+01	6.907E+00	1.271E+02	1.067E+02	1.151E+00
2.000E+04	3.924E-06	4.643E+03	1.914E+02	2.121E+01	6.964E+00	1.329E+02	1.111E+02	1.148E+00
2.020E+04	3.854E-06	4.743E+03	1.927E+02	2.136E+01	7.021E+00	1.401E+02	1.174E+02	1.145E+00
2.040E+04	3.784E-06	4.848E+03	1.942E+02	2.154E+01	7.081E+00	1.487E+02	1.247E+02	1.142E+00
2.060E+04	3.714E-06	4.961E+03	1.956E+02	2.172E+01	7.144E+00	1.586E+02	1.330E+02	1.140E+00
2.080E+04	3.644E-06	5.081E+03	1.972E+02	2.190E+01	7.211E+00	1.693E+02	1.419E+02	1.137E+00
2.100E+04	3.574E-06	5.209E+03	1.989E+02	2.210E+01	7.282E+00	1.804E+02	1.511E+02	1.135E+00
2.120E+04	3.504E-06	5.345E+03	2.007E+02	2.230E+01	7.358E+00	1.915E+02	1.601E+02	1.133E+00
2.140E+04	3.434E-06	5.489E+03	2.025E+02	2.252E+01	7.437E+00	2.019E+02	1.686E+02	1.132E+00
2.160E+04	3.364E-06	5.640E+03	2.044E+02	2.274E+01	7.521E+00	2.112E+02	1.760E+02	1.132E+00
2.180E+04	3.295E-06	5.798E+03	2.064E+02	2.298E+01	7.608E+00	2.187E+02	1.819E+02	1.131E+00
2.200E+04	3.227E-06	5.960E+03	2.084E+02	2.322E+01	7.698E+00	2.240E+02	1.860E+02	1.132E+00
2.220E+04	3.161E-06	6.125E+03	2.105E+02	2.347E+01	7.789E+00	2.269E+02	1.881E+02	1.132E+00
2.240E+04	3.096E-06	6.292E+03	2.125E+02	2.372E+01	7.880E+00	2.270E+02	1.881E+02	1.133E+00
2.260E+04	3.034E-06	6.457E+03	2.145E+02	2.398E+01	7.971E+00	2.246E+02	1.859E+02	1.135E+00
2.280E+04	2.974E-06	6.620E+03	2.165E+02	2.424E+01	8.059E+00	2.196E+02	1.817E+02	1.137E+00
2.300E+04	2.918E-06	6.778E+03	2.184E+02	2.450E+01	8.145E+00	2.123E+02	1.758E+02	1.139E+00
2.320E+04	2.864E-06	6.930E+03	2.202E+02	2.476E+01	8.226E+00	2.032E+02	1.682E+02	1.142E+00
2.340E+04	2.813E-06	7.075E+03	2.219E+02	2.502E+01	8.303E+00	1.927E+02	1.595E+02	1.145E+00
2.360E+04	2.765E-06	7.212E+03	2.235E+02	2.528E+01	8.375E+00	1.812E+02	1.500E+02	1.149E+00
2.380E+04	2.720E-06	7.341E+03	2.249E+02	2.553E+01	8.442E+00	1.691E+02	1.400E+02	1.153E+00
2.400E+04	2.678E-06	7.460E+03	2.263E+02	2.579E+01	8.503E+00	1.568E+02	1.297E+02	1.158E+00
2.420E+04	2.639E-06	7.570E+03	2.276E+02	2.604E+01	8.559E+00	1.447E+02	1.196E+02	1.164E+00
2.440E+04	2.602E-06	7.672E+03	2.287E+02	2.629E+01	8.609E+00	1.330E+02	1.097E+02	1.170E+00
2.460E+04	2.567E-06	7.765E+03	2.297E+02	2.653E+01	8.654E+00	1.219E+02	1.003E+02	1.177E+00
2.480E+04	2.535E-06	7.851E+03	2.307E+02	2.681E+01	8.694E+00	1.116E+02	9.148E+01	1.185E+00
2.500E+04	2.504E-06	7.929E+03	2.315E+02	2.706E+01	8.719E+00	1.020E+02	8.330E+01	1.193E+00

Table I. - Continued.

P/P0 = 3.00E-03

T	RHJ/RHJ-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E-03	-1.718E+02	2.733E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	7.099E-03	-1.705E+02	2.985E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	2.733E-03	-1.640E+02	3.154E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.284E+00
4.000E+02	2.050E-03	-1.572E+02	3.289E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E-03	-1.553E+02	3.405E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.249E+00
6.000E+02	1.365E-03	-1.533E+02	3.505E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E-03	-1.512E+02	3.595E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E-03	-1.540E+02	3.676E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E-04	-1.567E+02	3.750E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E-04	-1.543E+02	3.818E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	7.453E-04	-1.519E+02	3.880E+01	1.904E+00	1.000E+00	6.643E+00	5.643E+00	1.177E+00
1.200E+03	6.852E-04	-1.494E+02	3.939E+01	1.990E+00	1.000E+00	6.774E+00	5.773E+00	1.173E+00
1.300E+03	6.305E-04	-1.469E+02	3.994E+01	2.088E+00	1.000E+00	6.943E+00	5.940E+00	1.169E+00
1.400E+03	5.853E-04	-1.443E+02	4.046E+01	2.160E+00	1.000E+00	7.241E+00	6.227E+00	1.163E+00
1.500E+03	5.459E-04	-1.416E+02	4.098E+01	2.207E+00	1.001E+00	7.819E+00	6.780E+00	1.153E+00
1.600E+03	5.107E-04	-1.385E+02	4.151E+01	2.267E+00	1.003E+00	8.918E+00	7.824E+00	1.129E+00
1.700E+03	4.787E-04	-1.350E+02	4.211E+01	2.358E+00	1.007E+00	1.087E+01	9.668E+00	1.122E+00
1.800E+03	4.486E-04	-1.304E+02	4.281E+01	2.385E+00	1.015E+00	1.410E+01	1.268E+01	1.106E+00
1.900E+03	4.193E-04	-1.244E+02	4.370E+01	2.453E+00	1.029E+00	1.902E+01	1.722E+01	1.094E+00
2.000E+03	3.897E-04	-1.163E+02	4.484E+01	2.538E+00	1.052E+00	2.596E+01	2.351E+01	1.087E+00
2.100E+03	3.593E-04	-1.052E+02	4.632E+01	2.638E+00	1.087E+00	3.497E+01	3.150E+01	1.083E+00
2.200E+03	3.279E-04	-9.345E+01	4.819E+01	2.758E+00	1.137E+00	4.559E+01	4.063E+01	1.081E+00
2.300E+03	2.962E-04	-7.172E+01	5.046E+01	2.903E+00	1.204E+00	5.677E+01	4.987E+01	1.083E+00
2.400E+03	2.653E-04	-4.704E+01	5.309E+01	3.071E+00	1.288E+00	6.889E+01	5.796E+01	1.065E+00
2.500E+03	2.355E-04	-2.302E+01	5.599E+01	3.259E+00	1.387E+00	7.475E+01	6.192E+01	1.089E+00
2.600E+03	2.107E-04	5.295E+00	5.905E+01	3.460E+00	1.496E+00	7.931E+01	6.709E+01	1.094E+00
2.700E+03	1.885E-04	3.448E+01	6.203E+01	3.669E+00	1.611E+00	7.915E+01	6.652E+01	1.100E+00
2.800E+03	1.701E-04	6.245E+01	6.481E+01	3.874E+00	1.721E+00	7.243E+01	6.081E+01	1.107E+00
2.900E+03	1.557E-04	8.670E+01	6.714E+01	4.068E+00	1.815E+00	5.917E+01	4.987E+01	1.118E+00
3.000E+03	1.449E-04	1.055E+02	6.888E+01	4.245E+00	1.886E+00	4.330E+01	3.661E+01	1.132E+00
3.100E+03	1.368E-04	1.187E+02	7.006E+01	4.413E+00	1.933E+00	2.966E+01	2.495E+01	1.155E+00
3.200E+03	1.306E-04	1.277E+02	7.085E+01	4.578E+00	1.961E+00	2.025E+01	1.576E+01	1.187E+00
3.300E+03	1.256E-04	1.340E+02	7.138E+01	4.737E+00	1.978E+00	1.456E+01	1.173E+01	1.228E+00
3.400E+03	1.214E-04	1.387E+02	7.176E+01	4.913E+00	1.987E+00	1.132E+01	8.850E+00	1.271E+00
3.500E+03	1.170E-04	1.424E+02	7.206E+01	5.066E+00	1.992E+00	9.508E+00	7.236E+00	1.309E+00
3.600E+03	1.141E-04	1.457E+02	7.231E+01	5.199E+00	1.995E+00	8.500E+00	6.339E+00	1.338E+00
3.700E+03	1.110E-04	1.487E+02	7.255E+01	5.312E+00	1.997E+00	7.936E+00	5.837E+00	1.357E+00
3.800E+03	1.080E-04	1.515E+02	7.274E+01	5.408E+00	1.998E+00	7.622E+00	5.560E+00	1.370E+00
3.900E+03	1.052E-04	1.543E+02	7.294E+01	5.493E+00	1.999E+00	7.460E+00	5.418E+00	1.376E+00
4.000E+03	1.025E-04	1.570E+02	7.312E+01	5.566E+00	1.999E+00	7.406E+00	5.375E+00	1.377E+00
4.100E+03	1.000E-04	1.593E+02	7.331E+01	5.628E+00	2.000E+00	7.458E+00	5.427E+00	1.374E+00
4.200E+03	9.750E-05	1.625E+02	7.349E+01	5.675E+00	2.000E+00	7.505E+00	5.410E+00	1.363E+00
4.300E+03	9.530E-05	1.654E+02	7.367E+01	5.701E+00	2.001E+00	8.069E+00	6.703E+00	1.343E+00
4.400E+03	9.308E-05	1.683E+02	7.387E+01	5.702E+00	2.002E+00	8.874E+00	7.555E+00	1.312E+00
4.500E+03	9.093E-05	1.720E+02	7.408E+01	5.679E+00	2.003E+00	1.054E+01	8.112E+00	1.272E+00
4.600E+03	8.881E-05	1.762E+02	7.433E+01	5.644E+00	2.007E+00	1.288E+01	1.046E+01	1.227E+00
4.700E+03	8.667E-05	1.815E+02	7.465E+01	5.615E+00	2.013E+00	1.713E+01	1.436E+01	1.185E+00
4.800E+03	8.445E-05	1.890E+02	7.508E+01	5.608E+00	2.022E+00	2.392E+01	2.055E+01	1.152E+00
4.900E+03	8.207E-05	1.995E+02	7.567E+01	5.631E+00	2.039E+00	3.421E+01	2.978E+01	1.129E+00
5.000E+03	7.944E-05	2.146E+02	7.650E+01	5.686E+00	2.064E+00	4.818E+01	4.260E+01	1.114E+00
5.100E+03	7.547E-05	2.358E+02	7.765E+01	5.772E+00	2.102E+00	6.771E+01	5.882E+01	1.105E+00
5.200E+03	7.151E-05	2.646E+02	7.917E+01	5.889E+00	2.155E+00	8.981E+01	7.717E+01	1.100E+00
5.300E+03	6.750E-05	3.016E+02	8.110E+01	6.035E+00	2.226E+00	1.123E+02	9.527E+01	1.098E+00
5.400E+03	6.368E-05	3.464E+02	8.339E+01	6.208E+00	2.312E+00	1.314E+02	1.101E+02	1.097E+00
5.500E+03	6.187E-05	3.969E+02	8.592E+01	6.399E+00	2.409E+00	1.431E+02	1.190E+02	1.098E+00
5.600E+03	5.829E-05	4.500E+02	8.853E+01	6.599E+00	2.512E+00	1.449E+02	1.202E+02	1.101E+00
5.700E+03	5.507E-05	5.018E+02	9.104E+01	6.799E+00	2.621E+00	1.369E+02	1.138E+02	1.104E+00
5.800E+03	5.230E-05	5.493E+02	9.329E+01	6.991E+00	2.702E+00	1.218E+02	1.018E+02	1.109E+00
5.900E+03	4.998E-05	5.908E+02	9.522E+01	7.171E+00	2.780E+00	1.033E+02	8.094E+01	1.115E+00
6.000E+03	4.804E-05	6.250E+02	9.680E+01	7.340E+00	2.844E+00	8.498E+01	7.187E+01	1.122E+00
6.100E+03	4.642E-05	6.631E+02	9.807E+01	7.498E+00	2.895E+00	6.906E+01	5.852E+01	1.132E+00
6.200E+03	4.505E-05	6.760E+02	9.908E+01	7.649E+00	2.935E+00	5.643E+01	4.775E+01	1.143E+00
6.300E+03	4.385E-05	6.948E+02	9.991E+01	7.792E+00	2.967E+00	4.711E+01	3.969E+01	1.155E+00
6.400E+03	4.281E-05	7.108E+02	1.006E+02	7.927E+00	2.993E+00	4.066E+01	3.407E+01	1.166E+00
6.500E+03	4.184E-05	7.249E+02	1.012E+02	8.051E+00	3.014E+00	3.653E+01	3.045E+01	1.176E+00
6.600E+03	4.095E-05	7.378E+02	1.017E+02	8.162E+00	3.033E+00	3.422E+01	2.840E+01	1.183E+00
6.700E+03	4.010E-05	7.501E+02	1.022E+02	8.260E+00	3.051E+00	3.329E+01	2.756E+01	1.187E+00
6.800E+03	3.929E-05	7.623E+02	1.027E+02	8.347E+00	3.068E+00	3.341E+01	2.764E+01	1.187E+00
6.900E+03	3.850E-05	7.745E+02	1.032E+02	8.427E+00	3.086E+00	3.435E+01	2.844E+01	1.186E+00
7.000E+03	3.773E-05	7.875E+02	1.037E+02	8.502E+00	3.104E+00	3.594E+01	2.979E+01	1.183E+00
7.100E+03	3.697E-05	8.10E+02	1.043E+02	8.576E+00	3.123E+00	3.802E+01	3.156E+01	1.179E+00
7.200E+03	3.621E-05	8.234E+02	1.048E+02	8.650E+00	3.144E+00	4.052E+01	3.368E+01	1.175E+00
7.300E+03	3.547E-05	8.307E+02	1.054E+02	8.727E+00	3.167E+00	4.336E+01	3.607E+01	1.171E+00
7.400E+03	3.472E-05	8.472E+02	1.060E+02	8.806E+00	3.191E+00	4.646E+01	3.867E+01	1.168E+00
7.500E+03	3.398E-05	8.648E+02	1.066E+02	8.890E+00	3.217E+00	4.977E+01	4.142E+01	1.164E+00
7.600E+03	3.324E-05	8.836E+02	1.073E+02	8.978E+00	3.245E+00	5.324E+01	4.428E+01	1.162E+00
7.700E+03	3.250E-05	9.038E+02	1.080E+02	9.070E+00	3.276E+00	5.681E+01	4.720E+01	1.159E+00
7.800E+03	3.176E-05	9.252E+02	1.088E+02	9.166E+00	3.309E+00	6.043E+01	5.015E+01	1.157E+00
7.900E+03	3.103E-05	9.480E+02	1.096E+02	9.267E+00	3.344E+00	6.405E+01	5.306E+01	1.156E+00
8.000E+03	3.031E-05	9.721E+02	1.104E+02	9.372E+00	3.381E+00	6.762E+01	5.592E+01	1.154E+00
8.200E+03	2.888E-05	1.024E+03	1.122E+02	9.592E+00	3.461E+00	7.444E+01	6.133E+01	1.152E+00

Table 1. - Continued.

T	RHO/RHO-0	R/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
8.400E+03	2.750E-05	1.081E+02	1.143E+02	9.825E+00	3.549E+00	8.070E+01	6.624E+01	1.151E+00
8.500E+03	2.617E-05	1.142E+03	1.160E+02	1.007E+01	3.643E+00	8.646E+01	7.077E+01	1.150E+00
8.800E+03	2.490E-05	1.208E+03	1.181E+02	1.032E+01	3.742E+00	9.215E+01	7.525E+01	1.149E+00
9.000E+03	2.368E-05	1.277E+03	1.202E+02	1.057E+01	3.846E+00	9.840E+01	8.020E+01	1.148E+00
9.200E+03	2.253E-05	1.352E+03	1.224E+02	1.083E+01	3.956E+00	1.058E+02	8.605E+01	1.146E+00
9.400E+03	2.142E-05	1.433E+03	1.248E+02	1.110E+01	4.073E+00	1.146E+02	9.296E+01	1.145E+00
9.600E+03	2.034E-05	1.520E+03	1.273E+02	1.139E+01	4.198E+00	1.245E+02	1.006E+02	1.143E+00
9.800E+03	1.931E-05	1.615E+03	1.300E+02	1.168E+01	4.332E+00	1.347E+02	1.084E+02	1.143E+00
1.000E+04	1.832E-05	1.717E+03	1.328E+02	1.199E+01	4.475E+00	1.440E+02	1.154E+02	1.143E+00
1.020E+04	1.738E-05	1.825E+03	1.357E+02	1.232E+01	4.625E+00	1.511E+02	1.206E+02	1.144E+00
1.040E+04	1.649E-05	1.938E+03	1.387E+02	1.265E+01	4.780E+00	1.544E+02	1.232E+02	1.145E+00
1.060E+04	1.567E-05	2.051E+03	1.417E+02	1.299E+01	4.935E+00	1.541E+02	1.226E+02	1.148E+00
1.080E+04	1.493E-05	2.162E+03	1.445E+02	1.333E+01	5.085E+00	1.491E+02	1.187E+02	1.151E+00
1.100E+04	1.426E-05	2.268E+03	1.472E+02	1.367E+01	5.226E+00	1.401E+02	1.117E+02	1.155E+00
1.120E+04	1.367E-05	2.367E+03	1.496E+02	1.400E+01	5.355E+00	1.281E+02	1.025E+02	1.161E+00
1.140E+04	1.315E-05	2.456E+03	1.517E+02	1.431E+01	5.469E+00	1.144E+02	9.175E+01	1.168E+00
1.160E+04	1.270E-05	2.534E+03	1.536E+02	1.462E+01	5.566E+00	1.003E+02	8.058E+01	1.177E+00
1.180E+04	1.230E-05	2.603E+03	1.552E+02	1.492E+01	5.649E+00	8.687E+01	6.974E+01	1.187E+00
1.200E+04	1.195E-05	2.662E+03	1.566E+02	1.521E+01	5.717E+00	7.467E+01	5.579E+01	1.200E+00
1.220E+04	1.164E-05	2.712E+03	1.577E+02	1.551E+01	5.773E+00	6.407E+01	5.105E+01	1.214E+00
1.240E+04	1.136E-05	2.756E+03	1.587E+02	1.580E+01	5.818E+00	5.515E+01	4.361E+01	1.230E+00
1.260E+04	1.112E-05	2.794E+03	1.595E+02	1.609E+01	5.854E+00	4.781E+01	3.744E+01	1.248E+00
1.280E+04	1.089E-05	2.826E+03	1.602E+02	1.639E+01	5.882E+00	4.188E+01	3.243E+01	1.258E+00
1.300E+04	1.068E-05	2.855E+03	1.606E+02	1.668E+01	5.905E+00	3.716E+01	2.842E+01	1.288E+00
1.320E+04	1.048E-05	2.881E+03	1.612E+02	1.696E+01	5.924E+00	3.346E+01	2.527E+01	1.308E+00
1.340E+04	1.030E-05	2.904E+03	1.618E+02	1.723E+01	5.939E+00	3.059E+01	2.282E+01	1.327E+00
1.360E+04	1.013E-05	2.926E+03	1.623E+02	1.749E+01	5.951E+00	2.842E+01	2.096E+01	1.344E+00
1.380E+04	9.967E-06	2.946E+03	1.627E+02	1.773E+01	5.960E+00	2.682E+01	1.961E+01	1.358E+00
1.400E+04	9.811E-06	2.965E+03	1.630E+02	1.793E+01	5.969E+00	2.571E+01	1.868E+01	1.368E+00
1.420E+04	9.661E-06	2.984E+03	1.634E+02	1.811E+01	5.976E+00	2.504E+01	1.813E+01	1.374E+00
1.440E+04	9.517E-06	3.002E+03	1.637E+02	1.826E+01	5.982E+00	2.478E+01	1.793E+01	1.376E+00
1.460E+04	9.378E-06	3.020E+03	1.641E+02	1.837E+01	5.988E+00	2.489E+01	1.807E+01	1.372E+00
1.480E+04	9.242E-06	3.039E+03	1.644E+02	1.844E+01	5.994E+00	2.540E+01	1.855E+01	1.363E+00
1.500E+04	9.110E-06	3.058E+03	1.648E+02	1.849E+01	6.000E+00	2.632E+01	1.940E+01	1.351E+00
1.520E+04	8.980E-06	3.077E+03	1.651E+02	1.851E+01	6.006E+00	2.768E+01	2.064E+01	1.335E+00
1.540E+04	8.853E-06	3.098E+03	1.655E+02	1.852E+01	6.013E+00	2.952E+01	2.230E+01	1.317E+00
1.560E+04	8.727E-06	3.121E+03	1.659E+02	1.852E+01	6.021E+00	3.190E+01	2.444E+01	1.298E+00
1.580E+04	8.603E-06	3.145E+03	1.663E+02	1.851E+01	6.031E+00	3.486E+01	2.708E+01	1.278E+00
1.600E+04	8.479E-06	3.172E+03	1.668E+02	1.851E+01	6.043E+00	3.845E+01	3.027E+01	1.260E+00
1.620E+04	8.355E-06	3.202E+03	1.673E+02	1.852E+01	6.057E+00	4.270E+01	3.401E+01	1.242E+00
1.640E+04	8.230E-06	3.235E+03	1.678E+02	1.854E+01	6.074E+00	4.760E+01	3.852E+01	1.227E+00
1.660E+04	8.105E-06	3.271E+03	1.685E+02	1.858E+01	6.093E+00	5.314E+01	4.315E+01	1.214E+00
1.680E+04	7.978E-06	3.313E+03	1.691E+02	1.864E+01	6.116E+00	5.923E+01	4.842E+01	1.202E+00
1.700E+04	7.850E-06	3.358E+03	1.699E+02	1.872E+01	6.143E+00	6.576E+01	5.404E+01	1.193E+00
1.720E+04	7.721E-06	3.409E+03	1.707E+02	1.881E+01	6.173E+00	7.255E+01	5.983E+01	1.185E+00
1.740E+04	7.590E-06	3.465E+03	1.716E+02	1.892E+01	6.208E+00	7.939E+01	6.561E+01	1.178E+00
1.760E+04	7.457E-06	3.525E+03	1.725E+02	1.905E+01	6.246E+00	8.604E+01	7.119E+01	1.174E+00
1.780E+04	7.325E-06	3.590E+03	1.735E+02	1.919E+01	6.286E+00	9.226E+01	7.637E+01	1.170E+00
1.800E+04	7.192E-06	3.660E+03	1.746E+02	1.934E+01	6.332E+00	9.783E+01	8.098E+01	1.167E+00
1.820E+04	7.060E-06	3.734E+03	1.757E+02	1.951E+01	6.381E+00	1.026E+02	8.490E+01	1.165E+00
1.840E+04	6.929E-06	3.810E+03	1.768E+02	1.968E+01	6.430E+00	1.065E+02	8.808E+01	1.163E+00
1.860E+04	6.800E-06	3.889E+03	1.780E+02	1.986E+01	6.482E+00	1.095E+02	9.053E+01	1.162E+00
1.880E+04	6.674E-06	3.970E+03	1.792E+02	2.004E+01	6.534E+00	1.117E+02	9.235E+01	1.162E+00
1.900E+04	6.551E-06	4.053E+03	1.804E+02	2.022E+01	6.587E+00	1.133E+02	9.372E+01	1.161E+00
1.920E+04	6.431E-06	4.136E+03	1.816E+02	2.040E+01	6.639E+00	1.147E+02	9.486E+01	1.161E+00
1.940E+04	6.315E-06	4.221E+03	1.828E+02	2.058E+01	6.692E+00	1.160E+02	9.602E+01	1.160E+00
1.960E+04	6.202E-06	4.305E+03	1.839E+02	2.076E+01	6.744E+00	1.176E+02	9.748E+01	1.159E+00
1.980E+04	6.092E-06	4.394E+03	1.852E+02	2.093E+01	6.797E+00	1.198E+02	9.949E+01	1.157E+00
2.000E+04	5.984E-06	4.482E+03	1.864E+02	2.110E+01	6.850E+00	1.230E+02	1.023E+02	1.155E+00
2.020E+04	5.879E-06	4.573E+03	1.876E+02	2.126E+01	6.903E+00	1.273E+02	1.060E+02	1.153E+00
2.040E+04	5.776E-06	4.668E+03	1.889E+02	2.143E+01	6.958E+00	1.328E+02	1.107E+02	1.150E+00
2.060E+04	5.673E-06	4.768E+03	1.902E+02	2.160E+01	7.015E+00	1.396E+02	1.165E+02	1.147E+00
2.080E+04	5.572E-06	4.873E+03	1.916E+02	2.177E+01	7.074E+00	1.476E+02	1.233E+02	1.145E+00
2.100E+04	5.470E-06	4.984E+03	1.931E+02	2.194E+01	7.136E+00	1.566E+02	1.309E+02	1.142E+00
2.120E+04	5.369E-06	5.103E+03	1.946E+02	2.212E+01	7.202E+00	1.664E+02	1.390E+02	1.140E+00
2.140E+04	5.268E-06	5.228E+03	1.962E+02	2.232E+01	7.272E+00	1.755E+02	1.474E+02	1.138E+00
2.160E+04	5.167E-06	5.361E+03	1.979E+02	2.252E+01	7.346E+00	1.867E+02	1.556E+02	1.136E+00
2.180E+04	5.066E-06	5.501E+03	1.997E+02	2.273E+01	7.423E+00	1.962E+02	1.633E+02	1.135E+00
2.200E+04	4.966E-06	5.648E+03	2.015E+02	2.295E+01	7.504E+00	2.048E+02	1.702E+02	1.134E+00
2.220E+04	4.866E-06	5.801E+03	2.034E+02	2.318E+01	7.589E+00	2.118E+02	1.757E+02	1.134E+00
2.240E+04	4.769E-06	5.958E+03	2.053E+02	2.342E+01	7.675E+00	2.170E+02	1.797E+02	1.134E+00
2.260E+04	4.673E-06	6.118E+03	2.072E+02	2.367E+01	7.763E+00	2.200E+02	1.820E+02	1.135E+00
2.280E+04	4.580E-06	6.280E+03	2.092E+02	2.392E+01	7.851E+00	2.207E+02	1.824E+02	1.136E+00
2.300E+04	4.490E-06	6.441E+03	2.111E+02	2.417E+01	7.939E+00	2.190E+02	1.808E+02	1.137E+00
2.320E+04	4.403E-06	6.600E+03	2.130E+02	2.442E+01	8.025E+00	2.150E+02	1.775E+02	1.139E+00
2.340E+04	4.321E-06	6.755E+03	2.148E+02	2.468E+01	8.109E+00	2.089E+02	1.724E+02	1.141E+00
2.360E+04	4.242E-06	6.905E+03	2.166E+02	2.494E+01	8.189E+00	2.011E+02	1.660E+02	1.144E+00
2.380E+04	4.167E-06	7.049E+03	2.182E+02	2.519E+01	8.266E+00	1.918E+02	1.583E+02	1.147E+00
2.400E+04	4.097E-06	7.186E+03	2.198E+02	2.545E+01	8.338E+00	1.814E+02	1.498E+02	1.150E+00
2.420E+04	4.031E-06	7.315E+03	2.212E+02	2.570E+01	8.405E+00	1.704E+02	1.406E+02	1.154E+00
2.440E+04	3.968E-06	7.436E+03	2.226E+02	2.595E+01	8.466E+00	1.590E+02	1.312E+02	1.159E+00
2.460E+04	3.910E-06	7.548E+03	2.238E+02	2.620E+01	8.523E+00	1.477E+02	1.217E+02	1.164E+00
2.480E+04	3.855E-06	7.652E+03	2.250E+02	2.645E+01	8.575E+00	1.366E+02	1.124E+02	1.170E+00
2.500E+04	3.804E-06	7.748E+03	2.261E+02	2.670E+01	8.622E+00	1.259E+02	1.034E+02	1.176E+00

Table I. - Continued.

P/P0 = 4.00E-03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E-02	-1.718E+02	2.704E+01	6.21E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.455E-03	-1.705E+02	2.956E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E-03	-1.690E+02	3.125E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.732E-03	-1.672E+02	3.261E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.386E-03	-1.653E+02	3.378E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E-03	-1.633E+02	3.477E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E-03	-1.612E+02	3.566E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E-03	-1.590E+02	3.647E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E-03	-1.567E+02	3.721E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E-03	-1.543E+02	3.789E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	9.937E-04	-1.519E+02	3.852E+01	1.909E+00	1.000E+00	6.643E+00	5.642E+00	1.177E+00
1.200E+03	9.109E-04	-1.494E+02	3.910E+01	1.990E+00	1.000E+00	6.771E+00	5.770E+00	1.173E+00
1.300E+03	8.407E-04	-1.469E+02	3.965E+01	2.068E+00	1.000E+00	6.894E+00	5.893E+00	1.169E+00
1.400E+03	7.805E-04	-1.443E+02	4.017E+01	2.141E+00	1.000E+00	7.011E+00	6.198E+00	1.163E+00
1.500E+03	7.279E-04	-1.416E+02	4.068E+01	2.208E+00	1.001E+00	7.141E+00	6.706E+00	1.154E+00
1.600E+03	6.812E-04	-1.386E+02	4.121E+01	2.269E+00	1.003E+00	7.245E+00	7.000E+00	1.141E+00
1.700E+03	6.387E-04	-1.351E+02	4.179E+01	2.327E+00	1.017E+00	7.353E+00	7.341E+00	1.125E+00
1.800E+03	5.990E-04	-1.308E+02	4.247E+01	2.386E+00	1.014E+00	7.466E+00	7.600E+00	1.109E+00
1.900E+03	5.605E-04	-1.251E+02	4.331E+01	2.453E+00	1.026E+00	7.595E+00	7.823E+00	1.097E+00
2.000E+03	5.219E-04	-1.174E+02	4.438E+01	2.532E+00	1.047E+00	7.741E+00	8.020E+00	1.088E+00
2.100E+03	4.824E-04	-1.070E+02	4.576E+01	2.628E+00	1.079E+00	7.901E+00	8.241E+00	1.084E+00
2.200E+03	4.417E-04	-9.330E+01	4.751E+01	2.745E+00	1.125E+00	8.076E+00	8.480E+00	1.082E+00
2.300E+03	4.005E-04	-7.578E+01	4.965E+01	2.884E+00	1.187E+00	8.266E+00	8.737E+00	1.083E+00
2.400E+03	3.601E-04	-5.444E+01	5.211E+01	3.045E+00	1.265E+00	8.471E+00	8.999E+00	1.085E+00
2.500E+03	3.220E-04	-2.976E+01	5.486E+01	3.225E+00	1.358E+00	8.691E+00	9.275E+00	1.089E+00
2.600E+03	2.873E-04	-2.512E+00	5.777E+01	3.420E+00	1.462E+00	8.926E+00	9.566E+00	1.094E+00
2.700E+03	2.573E-04	2.579E+01	6.070E+01	3.624E+00	1.573E+00	9.176E+00	9.870E+00	1.099E+00
2.800E+03	2.319E-04	5.375E+01	6.348E+01	3.829E+00	1.683E+00	9.441E+00	1.018E+00	1.106E+00
2.900E+03	2.115E-04	7.901E+01	6.590E+01	4.026E+00	1.782E+00	9.721E+00	1.048E+00	1.115E+00
3.000E+03	1.959E-04	9.954E+01	6.780E+01	4.207E+00	1.860E+00	1.001E+00	1.078E+00	1.128E+00
3.100E+03	1.841E-04	1.146E+02	6.915E+01	4.376E+00	1.915E+00	1.031E+00	1.108E+00	1.146E+00
3.200E+03	1.752E-04	1.251E+02	7.006E+01	4.539E+00	1.950E+00	1.061E+00	1.137E+00	1.174E+00
3.300E+03	1.581E-04	1.324E+02	7.068E+01	4.705E+00	1.971E+00	1.091E+00	1.166E+00	1.210E+00
3.400E+03	1.622E-04	1.377E+02	7.111E+01	4.871E+00	1.983E+00	1.121E+00	1.195E+00	1.251E+00
3.500E+03	1.570E-04	1.419E+02	7.144E+01	5.029E+00	1.989E+00	1.151E+00	1.224E+00	1.291E+00
3.600E+03	1.523E-04	1.454E+02	7.171E+01	5.169E+00	1.994E+00	1.181E+00	1.253E+00	1.324E+00
3.700E+03	1.480E-04	1.485E+02	7.194E+01	5.291E+00	1.996E+00	1.211E+00	1.282E+00	1.347E+00
3.800E+03	1.440E-04	1.514E+02	7.215E+01	5.394E+00	1.997E+00	1.241E+00	1.311E+00	1.363E+00
3.900E+03	1.403E-04	1.542E+02	7.235E+01	5.484E+00	1.998E+00	1.271E+00	1.340E+00	1.372E+00
4.000E+03	1.367E-04	1.570E+02	7.254E+01	5.563E+00	1.999E+00	1.301E+00	1.369E+00	1.376E+00
4.100E+03	1.333E-04	1.597E+02	7.273E+01	5.630E+00	1.999E+00	1.331E+00	1.398E+00	1.375E+00
4.200E+03	1.301E-04	1.624E+02	7.291E+01	5.684E+00	2.000E+00	1.361E+00	1.427E+00	1.367E+00
4.300E+03	1.271E-04	1.653E+02	7.309E+01	5.720E+00	2.000E+00	1.391E+00	1.456E+00	1.352E+00
4.400E+03	1.241E-04	1.682E+02	7.328E+01	5.754E+00	2.001E+00	1.421E+00	1.485E+00	1.327E+00
4.500E+03	1.213E-04	1.711E+02	7.348E+01	5.722E+00	2.003E+00	1.451E+00	1.514E+00	1.292E+00
4.600E+03	1.185E-04	1.753E+02	7.371E+01	5.692E+00	2.005E+00	1.481E+00	1.543E+00	1.249E+00
4.700E+03	1.157E-04	1.801E+02	7.399E+01	5.660E+00	2.009E+00	1.511E+00	1.572E+00	1.206E+00
4.800E+03	1.129E-04	1.864E+02	7.435E+01	5.641E+00	2.017E+00	1.541E+00	1.601E+00	1.169E+00
4.900E+03	1.099E-04	1.950E+02	7.484E+01	5.649E+00	2.029E+00	1.571E+00	1.630E+00	1.141E+00
5.000E+03	1.067E-04	2.073E+02	7.551E+01	5.687E+00	2.049E+00	1.601E+00	1.659E+00	1.122E+00
5.100E+03	1.031E-04	2.247E+02	7.645E+01	5.755E+00	2.079E+00	1.631E+00	1.688E+00	1.110E+00
5.200E+03	9.903E-05	2.485E+02	7.772E+01	5.853E+00	2.123E+00	1.661E+00	1.717E+00	1.104E+00
5.300E+03	9.454E-05	2.801E+02	7.936E+01	5.981E+00	2.182E+00	1.691E+00	1.746E+00	1.100E+00
5.400E+03	8.970E-05	3.195E+02	8.137E+01	6.137E+00	2.257E+00	1.721E+00	1.775E+00	1.099E+00
5.500E+03	8.474E-05	3.657E+02	8.368E+01	6.315E+00	2.345E+00	1.751E+00	1.804E+00	1.099E+00
5.600E+03	7.989E-05	4.164E+02	8.618E+01	6.508E+00	2.443E+00	1.781E+00	1.833E+00	1.100E+00
5.700E+03	7.540E-05	4.683E+02	8.869E+01	6.706E+00	2.543E+00	1.811E+00	1.862E+00	1.103E+00
5.800E+03	7.142E-05	5.181E+02	9.105E+01	6.902E+00	2.639E+00	1.841E+00	1.891E+00	1.107E+00
5.900E+03	6.800E-05	5.630E+02	9.315E+01	7.089E+00	2.724E+00	1.871E+00	1.920E+00	1.111E+00
6.000E+03	6.513E-05	6.017E+02	9.493E+01	7.264E+00	2.797E+00	1.901E+00	1.949E+00	1.118E+00
6.100E+03	6.274E-05	6.339E+02	9.638E+01	7.429E+00	2.856E+00	1.931E+00	1.978E+00	1.126E+00
6.200E+03	6.072E-05	6.603E+02	9.755E+01	7.584E+00	2.904E+00	1.961E+00	2.007E+00	1.136E+00
6.300E+03	5.899E-05	6.819E+02	9.850E+01	7.731E+00	2.941E+00	1.991E+00	2.036E+00	1.147E+00
6.400E+03	5.749E-05	7.000E+02	9.928E+01	7.872E+00	2.971E+00	2.021E+00	2.065E+00	1.159E+00
6.500E+03	5.614E-05	7.154E+02	9.993E+01	8.005E+00	2.996E+00	2.051E+00	2.094E+00	1.170E+00
6.600E+03	5.490E-05	7.291E+02	1.005E+02	8.126E+00	3.017E+00	2.081E+00	2.123E+00	1.179E+00
6.700E+03	5.375E-05	7.418E+02	1.010E+02	8.235E+00	3.035E+00	2.111E+00	2.152E+00	1.186E+00
6.800E+03	5.266E-05	7.539E+02	1.015E+02	8.332E+00	3.053E+00	2.141E+00	2.181E+00	1.189E+00
6.900E+03	5.141E-05	7.660E+02	1.020E+02	8.418E+00	3.070E+00	2.171E+00	2.210E+00	1.189E+00
7.000E+03	5.059E-05	7.782E+02	1.025E+02	8.497E+00	3.087E+00	2.201E+00	2.239E+00	1.188E+00
7.100E+03	4.959E-05	7.909E+02	1.030E+02	8.572E+00	3.105E+00	2.231E+00	2.268E+00	1.185E+00
7.200E+03	4.861E-05	8.042E+02	1.035E+02	8.645E+00	3.123E+00	2.261E+00	2.297E+00	1.181E+00
7.300E+03	4.763E-05	8.183E+02	1.040E+02	8.719E+00	3.144E+00	2.291E+00	2.326E+00	1.178E+00
7.400E+03	4.666E-05	8.336E+02	1.046E+02	8.795E+00	3.165E+00	2.321E+00	2.355E+00	1.174E+00
7.500E+03	4.570E-05	8.495E+02	1.052E+02	8.873E+00	3.189E+00	2.351E+00	2.384E+00	1.170E+00
7.600E+03	4.474E-05	8.666E+02	1.058E+02	8.956E+00	3.214E+00	2.381E+00	2.413E+00	1.167E+00
7.700E+03	4.379E-05	8.850E+02	1.064E+02	9.042E+00	3.242E+00	2.411E+00	2.442E+00	1.164E+00
7.800E+03	4.284E-05	9.046E+02	1.071E+02	9.133E+00	3.271E+00	2.441E+00	2.471E+00	1.162E+00
7.900E+03	4.189E-05	9.254E+02	1.078E+02	9.227E+00	3.303E+00	2.471E+00	2.500E+00	1.160E+00
8.000E+03	4.095E-05	9.475E+02	1.086E+02	9.326E+00	3.337E+00	2.501E+00	2.529E+00	1.158E+00
8.200E+03	3.909E-05	9.955E+02	1.102E+02	9.535E+00	3.410E+00	2.531E+00	2.558E+00	1.156E+00



Table 1. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	3.727E-05	1.043E+03	1.120E+02	9.757E+00	3.491E+00	7.533E+01	6.185E+01	1.154E+00
8.400E+03	3.551E-05	1.106E+03	1.138E+02	9.991E+00	3.579E+00	8.126E+01	6.650E+01	1.153E+00
8.800E+03	3.382E-05	1.157E+03	1.157E+02	1.023E+01	3.673E+00	8.587E+01	7.090E+01	1.152E+00
9.000E+03	3.220E-05	1.233E+03	1.178E+02	1.048E+01	3.771E+00	9.262E+01	7.541E+01	1.151E+00
9.200E+03	3.066E-05	1.303E+03	1.199E+02	1.074E+01	3.875E+00	9.904E+01	8.048E+01	1.149E+00
9.400E+03	2.918E-05	1.378E+03	1.221E+02	1.100E+01	3.985E+00	1.066E+02	8.640E+01	1.148E+00
9.600E+03	2.776E-05	1.459E+03	1.244E+02	1.127E+01	4.101E+00	1.153E+02	9.320E+01	1.146E+00
9.800E+03	2.539E-05	1.547E+03	1.269E+02	1.155E+01	4.226E+00	1.248E+02	1.005E+02	1.145E+00
1.000E+04	2.507E-05	1.642E+03	1.295E+02	1.185E+01	4.360E+00	1.343E+02	1.077E+02	1.145E+00
1.020E+04	2.381E-05	1.744E+03	1.322E+02	1.216E+01	4.501E+00	1.427E+02	1.140E+02	1.145E+00
1.040E+04	2.261E-05	1.851E+03	1.351E+02	1.248E+01	4.649E+00	1.488E+02	1.184E+02	1.146E+00
1.050E+04	2.149E-05	1.961E+03	1.379E+02	1.282E+01	4.800E+00	1.515E+02	1.203E+02	1.148E+00
1.080E+04	2.045E-05	2.072E+03	1.408E+02	1.315E+01	4.950E+00	1.504E+02	1.193E+02	1.150E+00
1.100E+04	1.950E-05	2.180E+03	1.435E+02	1.349E+01	5.095E+00	1.451E+02	1.153E+02	1.154E+00
1.120E+04	1.865E-05	2.293E+03	1.460E+02	1.382E+01	5.232E+00	1.363E+02	1.085E+02	1.158E+00
1.140E+04	1.790E-05	2.379E+03	1.483E+02	1.414E+01	5.356E+00	1.249E+02	9.968E+01	1.164E+00
1.150E+04	1.724E-05	2.466E+03	1.504E+02	1.445E+01	5.466E+00	1.120E+02	8.958E+01	1.171E+00
1.180E+04	1.666E-05	2.543E+03	1.522E+02	1.475E+01	5.562E+00	9.869E+01	7.906E+01	1.179E+00
1.200E+04	1.614E-05	2.610E+03	1.538E+02	1.505E+01	5.643E+00	8.944E+01	6.882E+01	1.189E+00
1.220E+04	1.569E-05	2.669E+03	1.551E+02	1.534E+01	5.710E+00	7.432E+01	5.937E+01	1.201E+00
1.240E+04	1.529E-05	2.720E+03	1.562E+02	1.563E+01	5.765E+00	6.415E+01	5.101E+01	1.215E+00
1.250E+04	1.493E-05	2.763E+03	1.572E+02	1.592E+01	5.810E+00	5.552E+01	4.384E+01	1.231E+00
1.280E+04	1.461E-05	2.801E+03	1.580E+02	1.621E+01	5.847E+00	4.836E+01	3.784E+01	1.248E+00
1.300E+04	1.431E-05	2.835E+03	1.587E+02	1.650E+01	5.878E+00	4.252E+01	3.293E+01	1.266E+00
1.320E+04	1.404E-05	2.864E+03	1.593E+02	1.678E+01	5.899E+00	3.783E+01	2.856E+01	1.286E+00
1.340E+04	1.378E-05	2.890E+03	1.598E+02	1.706E+01	5.918E+00	3.412E+01	2.581E+01	1.305E+00
1.350E+04	1.354E-05	2.914E+03	1.603E+02	1.733E+01	5.934E+00	3.122E+01	2.334E+01	1.323E+00
1.380E+04	1.332E-05	2.936E+03	1.607E+02	1.759E+01	5.946E+00	2.800E+01	2.145E+01	1.340E+00
1.400E+04	1.311E-05	2.957E+03	1.612E+02	1.782E+01	5.957E+00	2.735E+01	2.005E+01	1.354E+00
1.420E+04	1.290E-05	2.976E+03	1.615E+02	1.803E+01	5.966E+00	2.618E+01	1.907E+01	1.364E+00
1.440E+04	1.271E-05	2.995E+03	1.619E+02	1.821E+01	5.973E+00	2.545E+01	1.847E+01	1.370E+00
1.460E+04	1.252E-05	3.014E+03	1.622E+02	1.836E+01	5.980E+00	2.511E+01	1.821E+01	1.372E+00
1.480E+04	1.234E-05	3.032E+03	1.626E+02	1.847E+01	5.986E+00	2.516E+01	1.828E+01	1.369E+00
1.500E+04	1.216E-05	3.051E+03	1.629E+02	1.856E+01	5.992E+00	2.558E+01	1.869E+01	1.362E+00
1.520E+04	1.199E-05	3.070E+03	1.633E+02	1.861E+01	5.998E+00	2.640E+01	1.945E+01	1.351E+00
1.540E+04	1.182E-05	3.089E+03	1.636E+02	1.854E+01	6.004E+00	2.764E+01	2.058E+01	1.335E+00
1.560E+04	1.166E-05	3.110E+03	1.640E+02	1.856E+01	6.012E+00	2.934E+01	2.212E+01	1.319E+00
1.580E+04	1.149E-05	3.132E+03	1.644E+02	1.866E+01	6.020E+00	3.154E+01	2.409E+01	1.301E+00
1.600E+04	1.133E-05	3.155E+03	1.648E+02	1.866E+01	6.029E+00	3.428E+01	2.653E+01	1.283E+00
1.620E+04	1.117E-05	3.183E+03	1.652E+02	1.866E+01	6.041E+00	3.760E+01	2.948E+01	1.265E+00
1.640E+04	1.101E-05	3.212E+03	1.657E+02	1.857E+01	6.054E+00	4.154E+01	3.296E+01	1.248E+00
1.660E+04	1.085E-05	3.244E+03	1.662E+02	1.869E+01	6.070E+00	4.609E+01	3.695E+01	1.232E+00
1.680E+04	1.069E-05	3.279E+03	1.668E+02	1.873E+01	6.088E+00	5.124E+01	4.144E+01	1.219E+00
1.700E+04	1.052E-05	3.319E+03	1.675E+02	1.878E+01	6.110E+00	5.692E+01	4.637E+01	1.207E+00
1.720E+04	1.036E-05	3.363E+03	1.682E+02	1.885E+01	6.135E+00	6.305E+01	5.164E+01	1.197E+00
1.740E+04	1.019E-05	3.411E+03	1.689E+02	1.894E+01	6.164E+00	6.948E+01	5.713E+01	1.189E+00
1.760E+04	1.002E-05	3.465E+03	1.698E+02	1.905E+01	6.196E+00	7.602E+01	6.267E+01	1.183E+00
1.780E+04	9.855E-06	3.523E+03	1.707E+02	1.917E+01	6.232E+00	8.247E+01	6.809E+01	1.177E+00
1.800E+04	9.682E-06	3.585E+03	1.716E+02	1.930E+01	6.272E+00	8.862E+01	7.322E+01	1.173E+00
1.820E+04	9.511E-06	3.652E+03	1.726E+02	1.945E+01	6.317E+00	9.425E+01	7.789E+01	1.170E+00
1.840E+04	9.340E-06	3.723E+03	1.737E+02	1.961E+01	6.360E+00	9.923E+01	8.198E+01	1.168E+00
1.860E+04	9.171E-06	3.797E+03	1.748E+02	1.977E+01	6.408E+00	1.034E+02	8.542E+01	1.166E+00
1.880E+04	9.003E-06	3.874E+03	1.759E+02	1.994E+01	6.458E+00	1.088E+02	8.820E+01	1.165E+00
1.900E+04	8.839E-06	3.954E+03	1.771E+02	2.012E+01	6.509E+00	1.095E+02	9.038E+01	1.164E+00
1.920E+04	8.678E-06	4.035E+03	1.782E+02	2.030E+01	6.550E+00	1.116E+02	9.208E+01	1.163E+00
1.940E+04	8.521E-06	4.117E+03	1.794E+02	2.048E+01	6.612E+00	1.132E+02	9.350E+01	1.162E+00
1.960E+04	8.368E-06	4.200E+03	1.805E+02	2.066E+01	6.664E+00	1.148E+02	9.483E+01	1.161E+00
1.980E+04	8.220E-06	4.285E+03	1.817E+02	2.083E+01	6.716E+00	1.165E+02	9.632E+01	1.160E+00
2.000E+04	8.075E-06	4.371E+03	1.829E+02	2.101E+01	6.768E+00	1.186E+02	9.821E+01	1.159E+00
2.020E+04	7.934E-06	4.459E+03	1.841E+02	2.118E+01	6.821E+00	1.214E+02	1.007E+02	1.157E+00
2.040E+04	7.795E-06	4.549E+03	1.853E+02	2.135E+01	6.874E+00	1.252E+02	1.040E+02	1.155E+00
2.060E+04	7.659E-06	4.642E+03	1.866E+02	2.151E+01	6.928E+00	1.300E+02	1.081E+02	1.153E+00
2.080E+04	7.525E-06	4.740E+03	1.878E+02	2.168E+01	6.984E+00	1.360E+02	1.132E+02	1.150E+00
2.100E+04	7.392E-06	4.842E+03	1.892E+02	2.185E+01	7.041E+00	1.430E+02	1.192E+02	1.147E+00
2.120E+04	7.260E-06	4.949E+03	1.906E+02	2.202E+01	7.102E+00	1.511E+02	1.260E+02	1.145E+00
2.140E+04	7.129E-06	5.063E+03	1.920E+02	2.220E+01	7.165E+00	1.600E+02	1.334E+02	1.142E+00
2.160E+04	6.997E-06	5.184E+03	1.936E+02	2.239E+01	7.232E+00	1.694E+02	1.412E+02	1.140E+00
2.180E+04	6.866E-06	5.311E+03	1.952E+02	2.258E+01	7.303E+00	1.790E+02	1.490E+02	1.139E+00
2.200E+04	6.735E-06	5.446E+03	1.968E+02	2.279E+01	7.377E+00	1.882E+02	1.565E+02	1.137E+00
2.220E+04	6.605E-06	5.587E+03	1.986E+02	2.300E+01	7.455E+00	1.988E+02	1.633E+02	1.137E+00
2.240E+04	6.475E-06	5.734E+03	2.004E+02	2.323E+01	7.536E+00	2.042E+02	1.692E+02	1.136E+00
2.260E+04	6.348E-06	5.885E+03	2.022E+02	2.346E+01	7.619E+00	2.101E+02	1.738E+02	1.136E+00
2.280E+04	6.223E-06	6.041E+03	2.041E+02	2.370E+01	7.704E+00	2.141E+02	1.768E+02	1.136E+00
2.300E+04	6.100E-06	6.199E+03	2.050E+02	2.394E+01	7.791E+00	2.161E+02	1.783E+02	1.137E+00
2.320E+04	5.982E-06	6.357E+03	2.078E+02	2.419E+01	7.877E+00	2.159E+02	1.779E+02	1.138E+00
2.340E+04	5.867E-06	6.514E+03	2.097E+02	2.444E+01	7.962E+00	2.135E+02	1.759E+02	1.140E+00
2.360E+04	5.757E-06	6.669E+03	2.115E+02	2.469E+01	8.046E+00	2.090E+02	1.722E+02	1.142E+00
2.380E+04	5.652E-06	6.820E+03	2.132E+02	2.495E+01	8.127E+00	2.028E+02	1.670E+02	1.144E+00
2.400E+04	5.552E-06	6.966E+03	2.149E+02	2.520E+01	8.204E+00	1.949E+02	1.605E+02	1.147E+00
2.420E+04	5.457E-06	7.105E+03	2.165E+02	2.545E+01	8.278E+00	1.858E+02	1.531E+02	1.150E+00
2.440E+04	5.367E-06	7.237E+03	2.180E+02	2.570E+01	8.347E+00	1.758E+02	1.448E+02	1.153E+00
2.460E+04	5.283E-06	7.362E+03	2.194E+02	2.595E+01	8.411E+00	1.653E+02	1.361E+02	1.157E+00
2.480E+04	5.203E-06	7.479E+03	2.206E+02	2.620E+01	8.471E+00	1.545E+02	1.272E+02	1.162E+00
2.500E+04	5.128E-06	7.589E+03	2.218E+02	2.645E+01	8.526E+00	1.438E+02	1.182E+02	1.167E+00

Table I. - Continued.

P/P0 = 5.00E-03

T	RHO/RHO-0	W/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E-02	-1.718E+02	2.682E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E-03	-1.705E+02	2.934E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.555E-03	-1.690E+02	3.103E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E-03	-1.672E+02	3.238E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.733E-03	-1.653E+02	3.354E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E-03	-1.633E+02	3.454E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E-03	-1.612E+02	3.544E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E-03	-1.590E+02	3.625E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E-03	-1.567E+02	3.699E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.364E-03	-1.543E+02	3.767E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	1.242E-03	-1.519E+02	3.829E+01	1.909E+00	1.000E+00	6.642E+00	5.642E+00	1.177E+00
1.200E+03	1.139E-03	-1.494E+02	3.888E+01	1.990E+00	1.000E+00	6.769E+00	5.768E+00	1.174E+00
1.300E+03	1.051E-03	-1.469E+02	3.942E+01	2.068E+00	1.000E+00	6.927E+00	5.923E+00	1.169E+00
1.400E+03	9.756E-04	-1.444E+02	3.995E+01	2.141E+00	1.000E+00	7.189E+00	6.177E+00	1.164E+00
1.500E+03	9.099E-04	-1.416E+02	4.046E+01	2.209E+00	1.001E+00	7.686E+00	6.653E+00	1.155E+00
1.600E+03	8.517E-04	-1.387E+02	4.098E+01	2.270E+00	1.003E+00	8.622E+00	7.543E+00	1.142E+00
1.700E+03	7.988E-04	-1.352E+02	4.155E+01	2.328E+00	1.006E+00	1.028E+01	9.108E+00	1.126E+00
1.800E+03	7.495E-04	-1.310E+02	4.221E+01	2.387E+00	1.013E+00	1.301E+01	1.166E+01	1.111E+00
1.900E+03	7.019E-04	-1.255E+02	4.302E+01	2.452E+00	1.025E+00	1.719E+01	1.553E+01	1.098E+00
2.000E+03	6.545E-04	-1.182E+02	4.404E+01	2.530E+00	1.044E+00	2.313E+01	2.044E+01	1.090E+00
2.100E+03	6.061E-04	-1.084E+02	4.535E+01	2.623E+00	1.073E+00	3.094E+01	2.790E+01	1.085E+00
2.200E+03	5.564E-04	-9.535E+01	4.700E+01	2.735E+00	1.116E+00	4.034E+01	3.606E+01	1.083E+00
2.300E+03	5.058E-04	-7.872E+01	4.902E+01	2.869E+00	1.174E+00	5.056E+01	4.464E+01	1.083E+00
2.400E+03	4.560E-04	-5.839E+01	5.138E+01	3.025E+00	1.248E+00	6.037E+01	5.257E+01	1.086E+00
2.500E+03	4.088E-04	-3.472E+01	5.402E+01	3.200E+00	1.337E+00	6.854E+01	5.889E+01	1.089E+00
2.600E+03	3.656E-04	-8.507E+00	5.683E+01	3.390E+00	1.437E+00	7.419E+01	6.300E+01	1.094E+00
2.700E+03	3.276E-04	1.920E+01	5.968E+01	3.591E+00	1.545E+00	7.651E+01	6.439E+01	1.099E+00
2.800E+03	2.951E-04	4.694E+01	6.244E+01	3.794E+00	1.654E+00	7.409E+01	6.207E+01	1.105E+00
2.900E+03	2.685E-04	7.271E+01	6.491E+01	3.992E+00	1.754E+00	6.567E+01	5.505E+01	1.113E+00
3.000E+03	2.478E-04	9.442E+01	6.692E+01	4.176E+00	1.838E+00	5.239E+01	4.408E+01	1.124E+00
3.100E+03	2.321E-04	1.110E+02	6.840E+01	4.347E+00	1.899E+00	3.817E+01	3.213E+01	1.141E+00
3.200E+03	2.202E-04	1.227E+02	6.942E+01	4.509E+00	1.939E+00	2.658E+01	2.223E+01	1.165E+00
3.300E+03	2.108E-04	1.309E+02	7.011E+01	4.672E+00	1.964E+00	1.869E+01	1.535E+01	1.198E+00
3.400E+03	2.031E-04	1.368E+02	7.059E+01	4.837E+00	1.978E+00	1.386E+01	1.104E+01	1.237E+00
3.500E+03	1.965E-04	1.413E+02	7.095E+01	4.997E+00	1.987E+00	1.104E+01	8.593E+00	1.277E+00
3.600E+03	1.903E-04	1.450E+02	7.124E+01	5.144E+00	1.992E+00	9.421E+00	7.155E+00	1.312E+00
3.700E+03	1.851E-04	1.483E+02	7.148E+01	5.271E+00	1.995E+00	8.494E+00	6.331E+00	1.338E+00
3.800E+03	1.801E-04	1.513E+02	7.170E+01	5.381E+00	1.997E+00	7.961E+00	5.859E+00	1.357E+00
3.900E+03	1.754E-04	1.541E+02	7.190E+01	5.476E+00	1.998E+00	7.661E+00	5.594E+00	1.368E+00
4.000E+03	1.709E-04	1.569E+02	7.209E+01	5.558E+00	1.999E+00	7.506E+00	5.460E+00	1.374E+00
4.100E+03	1.667E-04	1.595E+02	7.228E+01	5.629E+00	1.999E+00	7.463E+00	5.427E+00	1.375E+00
4.200E+03	1.627E-04	1.624E+02	7.246E+01	5.689E+00	2.000E+00	7.534E+00	5.497E+00	1.370E+00
4.300E+03	1.589E-04	1.652E+02	7.264E+01	5.732E+00	2.000E+00	7.758E+00	5.710E+00	1.358E+00
4.400E+03	1.552E-04	1.681E+02	7.282E+01	5.754E+00	2.001E+00	8.227E+00	6.149E+00	1.337E+00
4.500E+03	1.517E-04	1.712E+02	7.301E+01	5.752E+00	2.002E+00	9.099E+00	6.962E+00	1.305E+00
4.600E+03	1.482E-04	1.748E+02	7.323E+01	5.728E+00	2.004E+00	1.064E+01	8.389E+00	1.266E+00
4.700E+03	1.448E-04	1.792E+02	7.348E+01	5.696E+00	2.007E+00	1.325E+01	1.079E+01	1.223E+00
4.800E+03	1.414E-04	1.847E+02	7.380E+01	5.672E+00	2.014E+00	1.750E+01	1.469E+01	1.183E+00
4.900E+03	1.378E-04	1.923E+02	7.423E+01	5.669E+00	2.024E+00	2.413E+01	2.071E+01	1.152E+00
5.000E+03	1.340E-04	2.028E+02	7.481E+01	5.694E+00	2.040E+00	3.396E+01	2.951E+01	1.130E+00
5.100E+03	1.298E-04	2.176E+02	7.561E+01	5.749E+00	2.065E+00	4.763E+01	4.150E+01	1.116E+00
5.200E+03	1.250E-04	2.381E+02	7.670E+01	5.833E+00	2.101E+00	6.515E+01	5.849E+01	1.107E+00
5.300E+03	1.198E-04	2.657E+02	7.813E+01	5.947E+00	2.152E+00	8.551E+01	7.348E+01	1.102E+00
5.400E+03	1.141E-04	3.108E+02	7.992E+01	6.088E+00	2.218E+00	1.064E+02	9.014E+01	1.100E+00
5.500E+03	1.080E-04	3.432E+02	8.205E+01	6.255E+00	2.299E+00	1.245E+02	1.042E+02	1.100E+00
5.600E+03	1.020E-04	3.912E+02	8.441E+01	6.439E+00	2.392E+00	1.364E+02	1.133E+02	1.100E+00
5.700E+03	9.628E-05	4.421E+02	8.681E+01	6.634E+00	2.490E+00	1.399E+02	1.157E+02	1.102E+00
5.800E+03	9.107E-05	4.925E+02	8.927E+01	6.831E+00	2.587E+00	1.344E+02	1.114E+02	1.105E+00
5.900E+03	8.651E-05	5.396E+02	9.147E+01	7.021E+00	2.677E+00	1.219E+02	1.015E+02	1.110E+00
6.000E+03	8.264E-05	5.813E+02	9.338E+01	7.202E+00	2.756E+00	1.055E+02	8.841E+01	1.115E+00
6.100E+03	7.939E-05	6.168E+02	9.498E+01	7.371E+00	2.822E+00	8.837E+01	7.442E+01	1.122E+00
6.200E+03	7.665E-05	6.462E+02	9.629E+01	7.530E+00	2.875E+00	7.274E+01	6.143E+01	1.131E+00
6.300E+03	7.433E-05	6.704E+02	9.735E+01	7.681E+00	2.918E+00	5.981E+01	5.050E+01	1.141E+00
6.400E+03	7.232E-05	6.904E+02	9.821E+01	7.826E+00	2.952E+00	4.985E+01	4.196E+01	1.152E+00
6.500E+03	7.055E-05	7.072E+02	9.892E+01	7.963E+00	2.979E+00	4.263E+01	3.571E+01	1.164E+00
6.600E+03	6.895E-05	7.219E+02	9.953E+01	8.092E+00	3.002E+00	3.772E+01	3.142E+01	1.175E+00
6.700E+03	6.748E-05	7.351E+02	1.001E+02	8.209E+00	3.022E+00	3.466E+01	2.873E+01	1.183E+00
6.800E+03	6.609E-05	7.474E+02	1.006E+02	8.314E+00	3.040E+00	3.303E+01	2.728E+01	1.189E+00
6.900E+03	6.477E-05	7.594E+02	1.011E+02	8.407E+00	3.057E+00	3.251E+01	2.681E+01	1.191E+00
7.000E+03	6.350E-05	7.713E+02	1.015E+02	8.490E+00	3.074E+00	3.286E+01	2.709E+01	1.191E+00
7.100E+03	6.226E-05	7.835E+02	1.020E+02	8.568E+00	3.091E+00	3.387E+01	2.795E+01	1.189E+00
7.200E+03	6.105E-05	7.962E+02	1.025E+02	8.642E+00	3.109E+00	3.542E+01	2.926E+01	1.186E+00
7.300E+03	5.985E-05	8.095E+02	1.030E+02	8.714E+00	3.127E+00	3.740E+01	3.094E+01	1.182E+00
7.400E+03	5.865E-05	8.235E+02	1.035E+02	8.788E+00	3.148E+00	3.973E+01	3.290E+01	1.179E+00
7.500E+03	5.748E-05	8.387E+02	1.041E+02	8.864E+00	3.169E+00	4.235E+01	3.510E+01	1.175E+00
7.600E+03	5.631E-05	8.547E+02	1.045E+02	8.943E+00	3.193E+00	4.520E+01	3.747E+01	1.172E+00
7.700E+03	5.514E-05	8.713E+02	1.052E+02	9.025E+00	3.218E+00	4.823E+01	3.999E+01	1.165E+00
7.800E+03	5.398E-05	8.900E+02	1.059E+02	9.111E+00	3.245E+00	5.141E+01	4.260E+01	1.155E+00
7.900E+03	5.282E-05	9.094E+02	1.066E+02	9.201E+00	3.274E+00	5.468E+01	4.527E+01	1.146E+00
8.000E+03	5.167E-05	9.301E+02	1.073E+02	9.295E+00	3.305E+00	5.801E+01	4.797E+01	1.162E+00
8.200E+03	4.939E-05	9.750E+02	1.088E+02	9.495E+00	3.374E+00	6.467E+01	5.331E+01	1.159E+00



Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/K	GAMMA
8.400E+03	4.715E-05	1.025E+03	1.104E+02	9.709E+00	3.450E+00	7.110E+01	5.840E+01	1.156E+00
8.400E+03	4.498E-05	1.079E+03	1.122E+02	9.935E+00	3.532E+00	7.714E+01	6.313E+01	1.155E+00
8.800E+03	4.287E-05	1.138E+03	1.140E+02	1.017E+01	3.621E+00	8.280E+01	6.756E+01	1.154E+00
9.000E+03	4.086E-05	1.200E+03	1.159E+02	1.041E+01	3.716E+00	8.837E+01	7.192E+01	1.153E+00
9.200E+03	3.893E-05	1.267E+03	1.179E+02	1.066E+01	3.815E+00	9.428E+01	7.656E+01	1.152E+00
9.400E+03	3.708E-05	1.339E+03	1.200E+02	1.092E+01	3.920E+00	1.010E+02	8.185E+01	1.150E+00
9.600E+03	3.531E-05	1.415E+03	1.222E+02	1.118E+01	4.031E+00	1.088E+02	8.794E+01	1.149E+00
9.800E+03	3.361E-05	1.498E+03	1.246E+02	1.146E+01	4.149E+00	1.176E+02	9.471E+01	1.147E+00
1.000E+04	3.196E-05	1.588E+03	1.270E+02	1.174E+01	4.275E+00	1.268E+02	1.017E+02	1.147E+00
1.020E+04	3.038E-05	1.684E+03	1.296E+02	1.204E+01	4.409E+00	1.355E+02	1.083E+02	1.146E+00
1.040E+04	2.887E-05	1.786E+03	1.323E+02	1.236E+01	4.550E+00	1.428E+02	1.137E+02	1.147E+00
1.060E+04	2.745E-05	1.892E+03	1.351E+02	1.268E+01	4.696E+00	1.476E+02	1.171E+02	1.148E+00
1.080E+04	2.612E-05	2.001E+03	1.379E+02	1.301E+01	4.844E+00	1.490E+02	1.181E+02	1.150E+00
1.100E+04	2.489E-05	2.109E+03	1.406E+02	1.334E+01	4.991E+00	1.466E+02	1.162E+02	1.153E+00
1.120E+04	2.378E-05	2.215E+03	1.432E+02	1.367E+01	5.131E+00	1.406E+02	1.115E+02	1.157E+00
1.140E+04	2.278E-05	2.315E+03	1.456E+02	1.400E+01	5.261E+00	1.314E+02	1.045E+02	1.161E+00
1.150E+04	2.189E-05	2.407E+03	1.478E+02	1.431E+01	5.380E+00	1.201E+02	9.569E+01	1.167E+00
1.180E+04	2.111E-05	2.490E+03	1.497E+02	1.462E+01	5.485E+00	1.075E+02	8.590E+01	1.174E+00
1.200E+04	2.042E-05	2.584E+03	1.514E+02	1.492E+01	5.576E+00	9.488E+01	7.588E+01	1.183E+00
1.220E+04	1.981E-05	2.629E+03	1.529E+02	1.521E+01	5.652E+00	8.284E+01	6.619E+01	1.193E+00
1.240E+04	1.928E-05	2.686E+03	1.542E+02	1.550E+01	5.716E+00	7.191E+01	5.731E+01	1.205E+00
1.260E+04	1.880E-05	2.735E+03	1.552E+02	1.579E+01	5.769E+00	6.236E+01	4.946E+01	1.219E+00
1.280E+04	1.837E-05	2.777E+03	1.562E+02	1.607E+01	5.812E+00	5.425E+01	4.272E+01	1.234E+00
1.300E+04	1.797E-05	2.815E+03	1.569E+02	1.636E+01	5.848E+00	4.750E+01	3.708E+01	1.251E+00
1.320E+04	1.762E-05	2.847E+03	1.576E+02	1.664E+01	5.876E+00	4.198E+01	3.243E+01	1.269E+00
1.340E+04	1.729E-05	2.876E+03	1.582E+02	1.692E+01	5.899E+00	3.752E+01	2.867E+01	1.288E+00
1.360E+04	1.698E-05	2.902E+03	1.588E+02	1.720E+01	5.918E+00	3.398E+01	2.567E+01	1.306E+00
1.380E+04	1.669E-05	2.926E+03	1.592E+02	1.746E+01	5.933E+00	3.120E+01	2.331E+01	1.324E+00
1.400E+04	1.642E-05	2.948E+03	1.597E+02	1.771E+01	5.945E+00	2.907E+01	2.150E+01	1.339E+00
1.420E+04	1.618E-05	2.969E+03	1.601E+02	1.794E+01	5.956E+00	2.748E+01	2.016E+01	1.353E+00
1.440E+04	1.591E-05	2.989E+03	1.604E+02	1.814E+01	5.965E+00	2.637E+01	1.922E+01	1.362E+00
1.460E+04	1.567E-05	3.008E+03	1.608E+02	1.832E+01	5.972E+00	2.567E+01	1.865E+01	1.368E+00
1.480E+04	1.544E-05	3.026E+03	1.611E+02	1.846E+01	5.979E+00	2.536E+01	1.842E+01	1.370E+00
1.500E+04	1.522E-05	3.045E+03	1.615E+02	1.858E+01	5.985E+00	2.542E+01	1.851E+01	1.367E+00
1.520E+04	1.500E-05	3.064E+03	1.618E+02	1.866E+01	5.991E+00	2.586E+01	1.893E+01	1.359E+00
1.540E+04	1.479E-05	3.083E+03	1.622E+02	1.872E+01	5.998E+00	2.669E+01	1.970E+01	1.348E+00
1.560E+04	1.459E-05	3.103E+03	1.625E+02	1.875E+01	6.004E+00	2.792E+01	2.082E+01	1.334E+00
1.580E+04	1.438E-05	3.124E+03	1.629E+02	1.876E+01	6.012E+00	2.961E+01	2.234E+01	1.318E+00
1.600E+04	1.419E-05	3.146E+03	1.633E+02	1.877E+01	6.020E+00	3.177E+01	2.428E+01	1.300E+00
1.620E+04	1.399E-05	3.171E+03	1.637E+02	1.877E+01	6.030E+00	3.446E+01	2.667E+01	1.282E+00
1.640E+04	1.379E-05	3.197E+03	1.641E+02	1.878E+01	6.041E+00	3.771E+01	2.955E+01	1.265E+00
1.660E+04	1.359E-05	3.226E+03	1.646E+02	1.879E+01	6.055E+00	4.153E+01	3.292E+01	1.248E+00
1.680E+04	1.340E-05	3.258E+03	1.651E+02	1.881E+01	6.070E+00	4.594E+01	3.679E+01	1.234E+00
1.700E+04	1.320E-05	3.293E+03	1.657E+02	1.885E+01	6.086E+00	5.092E+01	4.112E+01	1.220E+00
1.720E+04	1.300E-05	3.333E+03	1.663E+02	1.891E+01	6.110E+00	5.641E+01	4.587E+01	1.209E+00
1.740E+04	1.280E-05	3.376E+03	1.670E+02	1.898E+01	6.135E+00	6.231E+01	5.094E+01	1.199E+00
1.760E+04	1.260E-05	3.424E+03	1.678E+02	1.907E+01	6.163E+00	6.850E+01	5.622E+01	1.191E+00
1.780E+04	1.239E-05	3.476E+03	1.686E+02	1.917E+01	6.195E+00	7.481E+01	6.157E+01	1.185E+00
1.800E+04	1.218E-05	3.533E+03	1.694E+02	1.929E+01	6.230E+00	8.106E+01	6.682E+01	1.179E+00
1.820E+04	1.198E-05	3.595E+03	1.704E+02	1.942E+01	6.268E+00	8.705E+01	7.181E+01	1.175E+00
1.840E+04	1.177E-05	3.661E+03	1.714E+02	1.956E+01	6.310E+00	9.259E+01	7.639E+01	1.172E+00
1.860E+04	1.156E-05	3.730E+03	1.724E+02	1.972E+01	6.355E+00	9.753E+01	8.046E+01	1.169E+00
1.880E+04	1.135E-05	3.804E+03	1.734E+02	1.988E+01	6.401E+00	1.018E+02	8.394E+01	1.168E+00
1.900E+04	1.115E-05	3.879E+03	1.745E+02	2.005E+01	6.450E+00	1.053E+02	8.682E+01	1.166E+00
1.920E+04	1.095E-05	3.958E+03	1.757E+02	2.022E+01	6.500E+00	1.081E+02	8.914E+01	1.165E+00
1.940E+04	1.075E-05	4.038E+03	1.768E+02	2.040E+01	6.551E+00	1.104E+02	9.101E+01	1.164E+00
1.960E+04	1.056E-05	4.119E+03	1.779E+02	2.058E+01	6.602E+00	1.123E+02	9.260E+01	1.163E+00
1.980E+04	1.037E-05	4.202E+03	1.791E+02	2.076E+01	6.653E+00	1.140E+02	9.408E+01	1.163E+00
2.000E+04	1.019E-05	4.286E+03	1.802E+02	2.093E+01	6.705E+00	1.158E+02	9.568E+01	1.162E+00
2.020E+04	1.001E-05	4.372E+03	1.814E+02	2.110E+01	6.757E+00	1.180E+02	9.760E+01	1.160E+00
2.040E+04	9.837E-06	4.459E+03	1.826E+02	2.127E+01	6.809E+00	1.208E+02	1.001E+02	1.158E+00
2.060E+04	9.666E-06	4.549E+03	1.838E+02	2.144E+01	6.862E+00	1.245E+02	1.032E+02	1.156E+00
2.080E+04	9.499E-06	4.642E+03	1.850E+02	2.161E+01	6.915E+00	1.290E+02	1.071E+02	1.154E+00
2.100E+04	9.334E-06	4.738E+03	1.863E+02	2.178E+01	6.971E+00	1.347E+02	1.119E+02	1.151E+00
2.120E+04	9.171E-06	4.839E+03	1.876E+02	2.194E+01	7.028E+00	1.413E+02	1.175E+02	1.149E+00
2.140E+04	9.008E-06	4.945E+03	1.889E+02	2.212E+01	7.088E+00	1.489E+02	1.239E+02	1.146E+00
2.160E+04	8.847E-06	5.057E+03	1.904E+02	2.229E+01	7.150E+00	1.573E+02	1.309E+02	1.144E+00
2.180E+04	8.685E-06	5.176E+03	1.918E+02	2.248E+01	7.216E+00	1.661E+02	1.382E+02	1.142E+00
2.200E+04	8.525E-06	5.301E+03	1.934E+02	2.268E+01	7.285E+00	1.752E+02	1.456E+02	1.140E+00
2.220E+04	8.365E-06	5.432E+03	1.950E+02	2.288E+01	7.358E+00	1.841E+02	1.528E+02	1.139E+00
2.240E+04	8.206E-06	5.570E+03	1.967E+02	2.309E+01	7.434E+00	1.923E+02	1.594E+02	1.138E+00
2.260E+04	8.048E-06	5.714E+03	1.985E+02	2.331E+01	7.513E+00	1.996E+02	1.652E+02	1.138E+00
2.280E+04	7.892E-06	5.862E+03	2.002E+02	2.354E+01	7.594E+00	2.056E+02	1.698E+02	1.138E+00
2.300E+04	7.738E-06	6.014E+03	2.021E+02	2.377E+01	7.677E+00	2.099E+02	1.733E+02	1.138E+00
2.320E+04	7.588E-06	6.169E+03	2.039E+02	2.402E+01	7.762E+00	2.123E+02	1.749E+02	1.139E+00
2.340E+04	7.442E-06	6.325E+03	2.057E+02	2.426E+01	7.846E+00	2.127E+02	1.751E+02	1.140E+00
2.360E+04	7.300E-06	6.480E+03	2.073E+02	2.451E+01	7.931E+00	2.110E+02	1.736E+02	1.141E+00
2.380E+04	7.164E-06	6.633E+03	2.093E+02	2.476E+01	8.013E+00	2.074E+02	1.705E+02	1.143E+00
2.400E+04	7.034E-06	6.783E+03	2.110E+02	2.501E+01	8.094E+00	2.020E+02	1.661E+02	1.145E+00
2.420E+04	6.910E-06	6.929E+03	2.126E+02	2.526E+01	8.171E+00	1.950E+02	1.603E+02	1.147E+00
2.440E+04	6.792E-06	7.069E+03	2.142E+02	2.551E+01	8.245E+00	1.867E+02	1.535E+02	1.150E+00
2.460E+04	6.680E-06	7.202E+03	2.157E+02	2.576E+01	8.315E+00	1.774E+02	1.459E+02	1.153E+00
2.480E+04	6.575E-06	7.328E+03	2.171E+02	2.601E+01	8.380E+00	1.675E+02	1.377E+02	1.157E+00
2.500E+04	6.475E-06	7.447E+03	2.184E+02	2.626E+01	8.441E+00	1.573E+02	1.292E+02	1.162E+00

Table I. - Continued.

P/P0 = 5.00E-03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E-02	-1.718E+02	2.663E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E-03	-1.705E+02	2.915E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E-03	-1.690E+02	3.084E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E-03	-1.672E+02	3.220E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E-03	-1.653E+02	3.335E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E-03	-1.633E+02	3.436E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E-03	-1.612E+02	3.526E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E-03	-1.590E+02	3.607E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E-03	-1.567E+02	3.681E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E-03	-1.543E+02	3.748E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	1.491E-03	-1.519E+02	3.811E+01	1.909E+00	1.000E+00	6.642E+00	5.642E+00	1.177E+00
1.200E+03	1.366E-03	-1.494E+02	3.869E+01	1.990E+00	1.000E+00	6.767E+00	5.767E+00	1.174E+00
1.300E+03	1.261E-03	-1.469E+02	3.924E+01	2.068E+00	1.000E+00	6.921E+00	5.918E+00	1.170E+00
1.400E+03	1.171E-03	-1.444E+02	3.976E+01	2.141E+00	1.000E+00	7.172E+00	6.161E+00	1.164E+00
1.500E+03	1.092E-03	-1.417E+02	4.027E+01	2.209E+00	1.001E+00	7.644E+00	6.613E+00	1.155E+00
1.600E+03	1.022E-03	-1.387E+02	4.079E+01	2.271E+00	1.003E+00	8.528E+00	7.453E+00	1.143E+00
1.700E+03	9.589E-04	-1.353E+02	4.135E+01	2.329E+00	1.006E+00	1.009E+01	8.930E+00	1.128E+00
1.800E+03	9.001E-04	-1.312E+02	4.199E+01	2.388E+00	1.012E+00	1.267E+01	1.134E+01	1.113E+00
1.900E+03	8.435E-04	-1.259E+02	4.278E+01	2.452E+00	1.023E+00	1.661E+01	1.499E+01	1.100E+00
2.000E+03	7.873E-04	-1.188E+02	4.377E+01	2.528E+00	1.041E+00	2.223E+01	2.011E+01	1.091E+00
2.100E+03	7.302E-04	-1.094E+02	4.502E+01	2.619E+00	1.069E+00	2.964E+01	2.673E+01	1.086E+00
2.200E+03	6.716E-04	-9.694E+01	4.660E+01	2.728E+00	1.110E+00	3.862E+01	3.456E+01	1.084E+00
2.300E+03	6.119E-04	-8.100E+01	4.854E+01	2.858E+00	1.165E+00	4.849E+01	4.288E+01	1.084E+00
2.400E+03	5.529E-04	-6.146E+01	5.081E+01	3.009E+00	1.236E+00	5.813E+01	5.071E+01	1.086E+00
2.500E+03	4.966E-04	-3.861E+01	5.335E+01	3.180E+00	1.321E+00	6.633E+01	5.710E+01	1.089E+00
2.600E+03	4.449E-04	-1.316E+01	5.608E+01	3.367E+00	1.417E+00	7.225E+01	6.144E+01	1.093E+00
2.700E+03	3.989E-04	1.393E+01	5.887E+01	3.564E+00	1.522E+00	7.517E+01	6.332E+01	1.099E+00
2.800E+03	3.594E-04	4.138E+01	6.160E+01	3.765E+00	1.630E+00	7.394E+01	6.193E+01	1.105E+00
2.900E+03	3.266E-04	6.739E+01	6.409E+01	3.963E+00	1.731E+00	6.717E+01	5.623E+01	1.112E+00
3.000E+03	3.006E-04	8.992E+01	6.618E+01	4.150E+00	1.818E+00	5.523E+01	4.638E+01	1.122E+00
3.100E+03	2.807E-04	1.076E+02	6.776E+01	4.322E+00	1.884E+00	4.133E+01	3.479E+01	1.137E+00
3.200E+03	2.656E-04	1.204E+02	6.888E+01	4.485E+00	1.929E+00	2.921E+01	2.447E+01	1.158E+00
3.300E+03	2.538E-04	1.294E+02	6.963E+01	4.647E+00	1.957E+00	2.054E+01	1.696E+01	1.188E+00
3.400E+03	2.442E-04	1.358E+02	7.016E+01	4.810E+00	1.974E+00	1.505E+01	1.214E+01	1.225E+00
3.500E+03	2.361E-04	1.407E+02	7.054E+01	4.971E+00	1.984E+00	1.177E+01	9.241E+00	1.265E+00
3.600E+03	2.288E-04	1.446E+02	7.084E+01	5.121E+00	1.990E+00	9.870E+00	7.551E+00	1.301E+00
3.700E+03	2.222E-04	1.480E+02	7.110E+01	5.253E+00	1.994E+00	8.769E+00	6.574E+00	1.330E+00
3.800E+03	2.162E-04	1.511E+02	7.132E+01	5.368E+00	1.996E+00	8.131E+00	6.009E+00	1.351E+00
3.900E+03	2.105E-04	1.540E+02	7.153E+01	5.467E+00	1.997E+00	7.765E+00	5.685E+00	1.364E+00
4.000E+03	2.051E-04	1.568E+02	7.172E+01	5.553E+00	1.998E+00	7.566E+00	5.512E+00	1.371E+00
4.100E+03	2.001E-04	1.596E+02	7.191E+01	5.628E+00	1.999E+00	7.487E+00	5.447E+00	1.374E+00
4.200E+03	1.953E-04	1.623E+02	7.209E+01	5.691E+00	1.999E+00	7.520E+00	5.482E+00	1.371E+00
4.300E+03	1.907E-04	1.651E+02	7.227E+01	5.739E+00	2.000E+00	7.691E+00	5.646E+00	1.361E+00
4.400E+03	1.863E-04	1.680E+02	7.245E+01	5.768E+00	2.001E+00	8.071E+00	6.003E+00	1.344E+00
4.500E+03	1.820E-04	1.710E+02	7.264E+01	5.774E+00	2.002E+00	8.794E+00	6.677E+00	1.316E+00
4.600E+03	1.779E-04	1.745E+02	7.284E+01	5.757E+00	2.003E+00	1.008E+01	7.867E+00	1.279E+00
4.700E+03	1.739E-04	1.785E+02	7.308E+01	5.727E+00	2.006E+00	1.226E+01	9.884E+00	1.236E+00
4.800E+03	1.698E-04	1.830E+02	7.338E+01	5.699E+00	2.011E+00	1.584E+01	1.317E+01	1.196E+00
4.900E+03	1.657E-04	1.904E+02	7.376E+01	5.689E+00	2.020E+00	2.147E+01	1.829E+01	1.163E+00
5.000E+03	1.613E-04	1.997E+02	7.427E+01	5.704E+00	2.033E+00	2.992E+01	2.589E+01	1.138E+00
5.100E+03	1.565E-04	2.127E+02	7.497E+01	5.749E+00	2.055E+00	4.188E+01	3.646E+01	1.121E+00
5.200E+03	1.511E-04	2.308E+02	7.593E+01	5.822E+00	2.086E+00	5.763E+01	5.005E+01	1.111E+00
5.300E+03	1.452E-04	2.553E+02	7.721E+01	5.924E+00	2.131E+00	7.658E+01	6.555E+01	1.105E+00
5.400E+03	1.386E-04	2.871E+02	7.883E+01	6.054E+00	2.190E+00	9.700E+01	8.255E+01	1.101E+00
5.500E+03	1.316E-04	3.262E+02	8.079E+01	6.209E+00	2.265E+00	1.161E+02	9.757E+01	1.100E+00
5.600E+03	1.245E-04	3.715E+02	8.302E+01	6.386E+00	2.352E+00	1.305E+02	1.086E+02	1.101E+00
5.700E+03	1.176E-04	4.208E+02	8.540E+01	6.576E+00	2.447E+00	1.376E+02	1.138E+02	1.102E+00
5.800E+03	1.112E-04	4.712E+02	8.779E+01	6.771E+00	2.543E+00	1.360E+02	1.125E+02	1.105E+00
5.900E+03	1.054E-04	5.195E+02	9.005E+01	6.963E+00	2.636E+00	1.267E+02	1.051E+02	1.108E+00
6.000E+03	1.005E-04	5.633E+02	9.206E+01	7.148E+00	2.719E+00	1.122E+02	9.362E+01	1.113E+00
6.100E+03	9.633E-05	6.013E+02	9.378E+01	7.321E+00	2.790E+00	9.556E+01	8.020E+01	1.119E+00
6.200E+03	9.282E-05	6.333E+02	9.520E+01	7.484E+00	2.849E+00	7.945E+01	6.695E+01	1.127E+00
6.300E+03	8.985E-05	6.598E+02	9.636E+01	7.639E+00	2.897E+00	6.548E+01	5.524E+01	1.137E+00
6.400E+03	8.731E-05	6.816E+02	9.730E+01	7.786E+00	2.934E+00	5.429E+01	4.573E+01	1.147E+00
6.500E+03	8.508E-05	6.999E+02	9.807E+01	7.926E+00	2.965E+00	4.587E+01	3.849E+01	1.159E+00
6.600E+03	8.309E-05	7.155E+02	9.872E+01	8.059E+00	2.990E+00	3.991E+01	3.330E+01	1.170E+00
6.700E+03	8.128E-05	7.293E+02	9.929E+01	8.183E+00	3.011E+00	3.595E+01	2.984E+01	1.180E+00
6.800E+03	7.959E-05	7.420E+02	9.980E+01	8.294E+00	3.030E+00	3.359E+01	2.776E+01	1.187E+00
6.900E+03	7.799E-05	7.541E+02	1.003E+02	8.394E+00	3.047E+00	3.246E+01	2.676E+01	1.191E+00
7.000E+03	7.646E-05	7.659E+02	1.007E+02	8.482E+00	3.064E+00	3.230E+01	2.659E+01	1.193E+00
7.100E+03	7.498E-05	7.778E+02	1.012E+02	8.563E+00	3.080E+00	3.288E+01	2.708E+01	1.192E+00
7.200E+03	7.353E-05	7.901E+02	1.017E+02	8.639E+00	3.097E+00	3.406E+01	2.807E+01	1.190E+00
7.300E+03	7.210E-05	8.028E+02	1.022E+02	8.712E+00	3.115E+00	3.571E+01	2.947E+01	1.186E+00
7.400E+03	7.070E-05	8.163E+02	1.027E+02	8.784E+00	3.134E+00	3.774E+01	3.119E+01	1.183E+00
7.500E+03	6.931E-05	8.305E+02	1.032E+02	8.858E+00	3.154E+00	4.009E+01	3.316E+01	1.179E+00
7.600E+03	6.793E-05	8.456E+02	1.037E+02	8.935E+00	3.176E+00	4.269E+01	3.534E+01	1.176E+00
7.700E+03	6.655E-05	8.618E+02	1.043E+02	9.014E+00	3.200E+00	4.551E+01	3.768E+01	1.172E+00
7.800E+03	6.518E-05	8.790E+02	1.049E+02	9.097E+00	3.225E+00	4.849E+01	4.014E+01	1.169E+00
7.900E+03	6.382E-05	8.973E+02	1.055E+02	9.183E+00	3.252E+00	5.159E+01	4.269E+01	1.167E+00
8.000E+03	6.246E-05	9.168E+02	1.062E+02	9.273E+00	3.281E+00	5.478E+01	4.528E+01	1.165E+00
8.200E+03	5.977E-05	9.592E+02	1.076E+02	9.466E+00	3.345E+00	6.126E+01	5.050E+01	1.161E+00

Table 1. - Continued.

T	RHO/RHO-0	M/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.00E+03	7.12E-05	1.006E+03	1.092E+02	9.672E+00	3.417E+00	6.765E+01	5.558E+01	1.159E+00
8.00E+03	5.453E-05	1.038E+03	1.109E+02	9.892E+00	3.496E+00	7.374E+01	6.036E+01	1.157E+00
8.00E+03	5.203E-05	1.114E+03	1.126E+02	1.012E+01	3.581E+00	7.966E+01	6.483E+01	1.156E+00
9.000E+03	4.962E-05	1.175E+03	1.145E+02	1.036E+01	3.672E+00	8.497E+01	6.913E+01	1.155E+00
9.200E+03	4.730E-05	1.239E+03	1.164E+02	1.060E+01	3.768E+00	9.061E+01	7.355E+01	1.153E+00
9.400E+03	4.509E-05	1.307E+03	1.184E+02	1.086E+01	3.868E+00	9.683E+01	7.842E+01	1.152E+00
9.600E+03	4.297E-05	1.381E+03	1.205E+02	1.111E+01	3.975E+00	1.039E+02	8.399E+01	1.151E+00
9.800E+03	4.093E-05	1.460E+03	1.228E+02	1.138E+01	4.088E+00	1.120E+02	9.026E+01	1.149E+00
1.000E+04	3.896E-05	1.545E+03	1.251E+02	1.166E+01	4.208E+00	1.208E+02	9.696E+01	1.148E+00
1.020E+04	3.707E-05	1.637E+03	1.276E+02	1.195E+01	4.337E+00	1.295E+02	1.036E+02	1.148E+00
1.040E+04	3.525E-05	1.735E+03	1.302E+02	1.226E+01	4.472E+00	1.374E+02	1.094E+02	1.148E+00
1.060E+04	3.352E-05	1.837E+03	1.329E+02	1.257E+01	4.614E+00	1.433E+02	1.138E+02	1.149E+00
1.080E+04	3.190E-05	1.944E+03	1.356E+02	1.290E+01	4.759E+00	1.485E+02	1.160E+02	1.150E+00
1.100E+04	3.039E-05	2.031E+03	1.383E+02	1.322E+01	4.904E+00	1.464E+02	1.158E+02	1.153E+00
1.120E+04	2.901E-05	2.157E+03	1.409E+02	1.355E+01	5.046E+00	1.426E+02	1.128E+02	1.156E+00
1.140E+04	2.776E-05	2.259E+03	1.433E+02	1.388E+01	5.180E+00	1.355E+02	1.074E+02	1.150E+00
1.160E+04	2.665E-05	2.355E+03	1.456E+02	1.420E+01	5.304E+00	1.257E+02	9.989E+01	1.165E+00
1.180E+04	2.565E-05	2.443E+03	1.477E+02	1.451E+01	5.416E+00	1.143E+02	9.099E+01	1.171E+00
1.200E+04	2.478E-05	2.522E+03	1.495E+02	1.481E+01	5.515E+00	1.020E+02	8.141E+01	1.179E+00
1.220E+04	2.400E-05	2.592E+03	1.511E+02	1.511E+01	5.599E+00	8.996E+01	7.181E+01	1.188E+00
1.240E+04	2.332E-05	2.654E+03	1.524E+02	1.540E+01	5.671E+00	7.863E+01	6.269E+01	1.198E+00
1.260E+04	2.271E-05	2.708E+03	1.536E+02	1.568E+01	5.731E+00	6.846E+01	5.440E+01	1.211E+00
1.280E+04	2.216E-05	2.755E+03	1.546E+02	1.596E+01	5.780E+00	5.961E+01	4.713E+01	1.224E+00
1.300E+04	2.167E-05	2.795E+03	1.555E+02	1.625E+01	5.820E+00	5.212E+01	4.090E+01	1.240E+00
1.320E+04	2.122E-05	2.831E+03	1.562E+02	1.653E+01	5.853E+00	4.588E+01	3.569E+01	1.257E+00
1.340E+04	2.081E-05	2.853E+03	1.569E+02	1.681E+01	5.880E+00	4.078E+01	3.140E+01	1.275E+00
1.360E+04	2.043E-05	2.891E+03	1.575E+02	1.708E+01	5.902E+00	3.667E+01	2.792E+01	1.293E+00
1.380E+04	2.007E-05	2.917E+03	1.580E+02	1.735E+01	5.920E+00	3.339E+01	2.515E+01	1.310E+00
1.400E+04	1.974E-05	2.940E+03	1.584E+02	1.761E+01	5.934E+00	3.082E+01	2.297E+01	1.327E+00
1.420E+04	1.942E-05	2.962E+03	1.588E+02	1.785E+01	5.946E+00	2.885E+01	2.130E+01	1.342E+00
1.440E+04	1.912E-05	2.983E+03	1.592E+02	1.807E+01	5.957E+00	2.739E+01	2.005E+01	1.354E+00
1.460E+04	1.883E-05	3.002E+03	1.596E+02	1.827E+01	5.965E+00	2.638E+01	1.924E+01	1.362E+00
1.480E+04	1.855E-05	3.021E+03	1.600E+02	1.844E+01	5.973E+00	2.578E+01	1.875E+01	1.367E+00
1.500E+04	1.828E-05	3.040E+03	1.603E+02	1.857E+01	5.980E+00	2.555E+01	1.859E+01	1.367E+00
1.520E+04	1.802E-05	3.059E+03	1.606E+02	1.868E+01	5.986E+00	2.569E+01	1.875E+01	1.363E+00
1.540E+04	1.777E-05	3.078E+03	1.610E+02	1.876E+01	5.992E+00	2.620E+01	1.923E+01	1.355E+00
1.560E+04	1.752E-05	3.097E+03	1.613E+02	1.881E+01	5.999E+00	2.710E+01	2.006E+01	1.344E+00
1.580E+04	1.728E-05	3.118E+03	1.617E+02	1.884E+01	6.006E+00	2.840E+01	2.124E+01	1.330E+00
1.600E+04	1.704E-05	3.139E+03	1.621E+02	1.886E+01	6.013E+00	3.015E+01	2.281E+01	1.314E+00
1.620E+04	1.681E-05	3.162E+03	1.624E+02	1.886E+01	6.022E+00	3.237E+01	2.480E+01	1.296E+00
1.640E+04	1.657E-05	3.187E+03	1.629E+02	1.887E+01	6.032E+00	3.510E+01	2.722E+01	1.279E+00
1.660E+04	1.634E-05	3.213E+03	1.633E+02	1.887E+01	6.044E+00	3.837E+01	3.012E+01	1.262E+00
1.680E+04	1.611E-05	3.243E+03	1.638E+02	1.889E+01	6.057E+00	4.221E+01	3.349E+01	1.247E+00
1.700E+04	1.588E-05	3.275E+03	1.643E+02	1.892E+01	6.073E+00	4.660E+01	3.733E+01	1.232E+00
1.720E+04	1.565E-05	3.311E+03	1.649E+02	1.896E+01	6.092E+00	5.152E+01	4.161E+01	1.220E+00
1.740E+04	1.541E-05	3.351E+03	1.655E+02	1.902E+01	6.114E+00	5.692E+01	4.627E+01	1.209E+00
1.760E+04	1.518E-05	3.395E+03	1.662E+02	1.909E+01	6.139E+00	6.270E+01	5.123E+01	1.200E+00
1.780E+04	1.494E-05	3.443E+03	1.669E+02	1.918E+01	6.167E+00	6.874E+01	5.637E+01	1.192E+00
1.800E+04	1.469E-05	3.495E+03	1.677E+02	1.929E+01	6.199E+00	7.488E+01	6.156E+01	1.185E+00
1.820E+04	1.445E-05	3.552E+03	1.686E+02	1.941E+01	6.234E+00	8.094E+01	6.664E+01	1.180E+00
1.840E+04	1.421E-05	3.614E+03	1.695E+02	1.954E+01	6.272E+00	8.674E+01	7.146E+01	1.176E+00
1.860E+04	1.395E-05	3.679E+03	1.705E+02	1.968E+01	6.314E+00	9.211E+01	7.591E+01	1.173E+00
1.880E+04	1.372E-05	3.749E+03	1.715E+02	1.984E+01	6.358E+00	9.692E+01	7.986E+01	1.170E+00
1.900E+04	1.348E-05	3.821E+03	1.725E+02	2.000E+01	6.404E+00	1.011E+02	8.327E+01	1.169E+00
1.920E+04	1.324E-05	3.897E+03	1.736E+02	2.017E+01	6.452E+00	1.046E+02	8.613E+01	1.167E+00
1.940E+04	1.300E-05	3.974E+03	1.747E+02	2.034E+01	6.501E+00	1.074E+02	8.847E+01	1.165E+00
1.960E+04	1.277E-05	4.054E+03	1.758E+02	2.052E+01	6.551E+00	1.098E+02	9.041E+01	1.165E+00
1.980E+04	1.254E-05	4.135E+03	1.769E+02	2.069E+01	6.602E+00	1.118E+02	9.209E+01	1.164E+00
2.000E+04	1.232E-05	4.217E+03	1.781E+02	2.087E+01	6.653E+00	1.137E+02	9.369E+01	1.163E+00
2.020E+04	1.211E-05	4.301E+03	1.792E+02	2.104E+01	6.704E+00	1.156E+02	9.540E+01	1.162E+00
2.040E+04	1.190E-05	4.387E+03	1.804E+02	2.121E+01	6.756E+00	1.180E+02	9.743E+01	1.161E+00
2.060E+04	1.169E-05	4.474E+03	1.815E+02	2.138E+01	6.808E+00	1.209E+02	9.995E+01	1.159E+00
2.080E+04	1.149E-05	4.564E+03	1.827E+02	2.155E+01	6.860E+00	1.245E+02	1.031E+02	1.157E+00
2.100E+04	1.129E-05	4.657E+03	1.839E+02	2.172E+01	6.914E+00	1.291E+02	1.070E+02	1.155E+00
2.120E+04	1.110E-05	4.753E+03	1.852E+02	2.188E+01	6.969E+00	1.346E+02	1.117E+02	1.152E+00
2.140E+04	1.090E-05	4.854E+03	1.865E+02	2.203E+01	7.026E+00	1.411E+02	1.172E+02	1.150E+00
2.160E+04	1.071E-05	4.960E+03	1.878E+02	2.223E+01	7.086E+00	1.484E+02	1.233E+02	1.147E+00
2.180E+04	1.052E-05	5.072E+03	1.892E+02	2.241E+01	7.148E+00	1.565E+02	1.300E+02	1.145E+00
2.200E+04	1.033E-05	5.189E+03	1.907E+02	2.259E+01	7.214E+00	1.650E+02	1.370E+02	1.143E+00
2.220E+04	1.014E-05	5.313E+03	1.922E+02	2.279E+01	7.282E+00	1.737E+02	1.441E+02	1.142E+00
2.240E+04	9.954E-06	5.444E+03	1.938E+02	2.299E+01	7.354E+00	1.822E+02	1.510E+02	1.140E+00
2.260E+04	9.766E-06	5.580E+03	1.955E+02	2.320E+01	7.429E+00	1.901E+02	1.573E+02	1.140E+00
2.280E+04	9.580E-06	5.722E+03	1.972E+02	2.342E+01	7.507E+00	1.971E+02	1.629E+02	1.139E+00
2.300E+04	9.396E-06	5.868E+03	1.989E+02	2.364E+01	7.587E+00	2.028E+02	1.673E+02	1.139E+00
2.320E+04	9.215E-06	6.018E+03	2.007E+02	2.388E+01	7.669E+00	2.070E+02	1.706E+02	1.139E+00
2.340E+04	9.039E-06	6.171E+03	2.025E+02	2.412E+01	7.752E+00	2.094E+02	1.723E+02	1.140E+00
2.360E+04	8.867E-06	6.325E+03	2.043E+02	2.436E+01	7.836E+00	2.099E+02	1.726E+02	1.141E+00
2.380E+04	8.700E-06	6.478E+03	2.051E+02	2.461E+01	7.919E+00	2.085E+02	1.713E+02	1.142E+00
2.400E+04	8.540E-06	6.630E+03	2.078E+02	2.486E+01	8.000E+00	2.052E+02	1.685E+02	1.144E+00
2.420E+04	8.386E-06	6.778E+03	2.095E+02	2.510E+01	8.080E+00	2.002E+02	1.643E+02	1.146E+00
2.440E+04	8.239E-06	6.922E+03	2.111E+02	2.535E+01	8.156E+00	1.936E+02	1.589E+02	1.148E+00
2.460E+04	8.099E-06	7.061E+03	2.126E+02	2.560E+01	8.230E+00	1.858E+02	1.525E+02	1.151E+00
2.480E+04	7.965E-06	7.194E+03	2.141E+02	2.585E+01	8.299E+00	1.770E+02	1.453E+02	1.154E+00
2.500E+04	7.841E-06	7.320E+03	2.155E+02	2.610E+01	8.364E+00	1.671E+02	1.375E+02	1.158E+00

Table I. - Continued.

P/P0 = 7.00E-03

T	RHO/RHO-0	H/RTG	S/R	A/A0	Z	CP/N	CV/R	GAMMA
1.000E+02	1.913E-02	-1.718E+02	2.648E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.564E-03	-1.705E+02	2.900E+01	8.702E-01	1.000E+00	2.891E+00	2.891E+00	1.346E+00
3.000E+02	6.376E-03	-1.690E+02	3.069E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E-03	-1.672E+02	3.205E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.826E-03	-1.653E+02	3.320E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E-03	-1.633E+02	3.421E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E-03	-1.612E+02	3.510E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E-03	-1.590E+02	3.591E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E-03	-1.567E+02	3.665E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E-03	-1.543E+02	3.733E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	1.739E-03	-1.519E+02	3.796E+01	1.909E+00	1.000E+00	6.641E+00	5.641E+00	1.177E+00
1.200E+03	1.594E-03	-1.494E+02	3.854E+01	1.990E+00	1.000E+00	6.766E+00	5.765E+00	1.174E+00
1.300E+03	1.471E-03	-1.469E+02	3.909E+01	2.068E+00	1.000E+00	6.917E+00	5.913E+00	1.170E+00
1.400E+03	1.365E-03	-1.444E+02	3.961E+01	2.142E+00	1.000E+00	7.159E+00	6.149E+00	1.164E+00
1.500E+03	1.274E-03	-1.417E+02	4.012E+01	2.210E+00	1.001E+00	7.610E+00	6.581E+00	1.156E+00
1.600E+03	1.193E-03	-1.387E+02	4.063E+01	2.272E+00	1.002E+00	8.453E+00	7.382E+00	1.144E+00
1.700E+03	1.119E-03	-1.354E+02	4.118E+01	2.330E+00	1.006E+00	9.941E+00	8.787E+00	1.129E+00
1.800E+03	1.051E-03	-1.313E+02	4.182E+01	2.389E+00	1.011E+00	1.239E+01	1.108E+01	1.114E+00
1.900E+03	9.852E-04	-1.262E+02	4.258E+01	2.452E+00	1.022E+00	1.615E+01	1.456E+01	1.101E+00
2.000E+03	9.203E-04	-1.193E+02	4.354E+01	2.527E+00	1.039E+00	2.150E+01	1.945E+01	1.092E+00
2.100E+03	8.546E-04	-1.102E+02	4.475E+01	2.616E+00	1.066E+00	2.855E+01	2.579E+01	1.087E+00
2.200E+03	7.872E-04	-9.621E+01	4.627E+01	2.722E+00	1.105E+00	3.723E+01	3.333E+01	1.084E+00
2.300E+03	7.186E-04	-8.284E+01	4.814E+01	2.849E+00	1.157E+00	4.680E+01	4.144E+01	1.084E+00
2.400E+03	6.500E-04	-6.345E+01	5.033E+01	2.997E+00	1.225E+00	5.627E+01	4.917E+01	1.086E+00
2.500E+03	5.853E-04	-4.179E+01	5.280E+01	3.164E+00	1.307E+00	6.449E+01	5.559E+01	1.089E+00
2.600E+03	5.251E-04	-1.599E+01	5.546E+01	3.347E+00	1.401E+00	7.058E+01	6.010E+01	1.093E+00
2.700E+03	4.712E-04	9.562E+00	5.820E+01	3.541E+00	1.504E+00	7.593E+01	6.233E+01	1.098E+00
2.800E+03	4.245E-04	3.570E+01	6.089E+01	3.741E+00	1.609E+00	7.357E+01	6.162E+01	1.104E+00
2.900E+03	3.854E-04	6.280E+01	6.339E+01	3.939E+00	1.711E+00	6.810E+01	5.695E+01	1.111E+00
3.000E+03	3.541E-04	8.591E+01	6.553E+01	4.127E+00	1.801E+00	5.739E+01	4.812E+01	1.121E+00
3.100E+03	3.298E-04	1.045E+02	6.720E+01	4.301E+00	1.871E+00	5.598E+01	5.098E+01	1.134E+00
3.200E+03	3.114E-04	1.182E+02	6.839E+01	4.465E+00	1.920E+00	5.156E+01	4.647E+01	1.154E+00
3.300E+03	2.971E-04	1.280E+02	6.921E+01	4.625E+00	1.951E+00	4.227E+01	3.845E+01	1.181E+00
3.400E+03	2.855E-04	1.349E+02	6.978E+01	4.787E+00	1.970E+00	3.619E+01	3.131E+01	1.216E+00
3.500E+03	2.758E-04	1.401E+02	7.019E+01	4.948E+00	1.982E+00	2.449E+01	2.470E+01	1.254E+00
3.600E+03	2.672E-04	1.443E+02	7.051E+01	5.100E+00	1.989E+00	1.051E+01	7.941E+00	1.291E+00
3.700E+03	2.594E-04	1.478E+02	7.077E+01	5.237E+00	1.993E+00	9.042E+00	5.815E+00	1.322E+00
3.800E+03	2.523E-04	1.510E+02	7.101E+01	5.356E+00	1.995E+00	8.300E+00	6.158E+00	1.345E+00
3.900E+03	2.456E-04	1.539E+02	7.121E+01	5.459E+00	1.997E+00	7.869E+00	5.777E+00	1.360E+00
4.000E+03	2.394E-04	1.567E+02	7.141E+01	5.548E+00	1.998E+00	7.628E+00	5.566E+00	1.369E+00
4.100E+03	2.334E-04	1.595E+02	7.160E+01	5.625E+00	1.999E+00	7.518E+00	5.472E+00	1.373E+00
4.200E+03	2.278E-04	1.623E+02	7.178E+01	5.691E+00	1.999E+00	7.518E+00	5.479E+00	1.371E+00
4.300E+03	2.225E-04	1.650E+02	7.196E+01	5.744E+00	2.000E+00	7.648E+00	5.605E+00	1.364E+00
4.400E+03	2.173E-04	1.679E+02	7.214E+01	5.778E+00	2.000E+00	7.964E+00	5.902E+00	1.348E+00
4.500E+03	2.124E-04	1.709E+02	7.232E+01	5.790E+00	2.001E+00	8.578E+00	6.475E+00	1.323E+00
4.600E+03	2.076E-04	1.742E+02	7.252E+01	5.780E+00	2.003E+00	9.677E+00	7.495E+00	1.289E+00
4.700E+03	2.030E-04	1.781E+02	7.275E+01	5.733E+00	2.005E+00	1.155E+01	9.230E+00	1.248E+00
4.800E+03	1.983E-04	1.828E+02	7.302E+01	5.724E+00	2.010E+00	1.464E+01	1.207E+01	1.207E+00
4.900E+03	1.936E-04	1.890E+02	7.337E+01	5.708E+00	2.017E+00	1.903E+01	1.603E+01	1.172E+00
5.000E+03	1.886E-04	1.975E+02	7.383E+01	5.716E+00	2.029E+00	2.694E+01	2.321E+01	1.145E+00
5.100E+03	1.832E-04	2.092E+02	7.447E+01	5.751E+00	2.047E+00	3.757E+01	3.265E+01	1.126E+00
5.200E+03	1.773E-04	2.254E+02	7.533E+01	5.816E+00	2.075E+00	5.183E+01	4.505E+01	1.114E+00
5.300E+03	1.703E-04	2.473E+02	7.648E+01	5.908E+00	2.115E+00	6.947E+01	5.999E+01	1.107E+00
5.400E+03	1.633E-04	2.765E+02	7.796E+01	6.028E+00	2.169E+00	8.919E+01	7.617E+01	1.103E+00
5.500E+03	1.555E-04	3.128E+02	7.978E+01	6.174E+00	2.237E+00	1.086E+02	9.160E+01	1.101E+00
5.600E+03	1.473E-04	3.556E+02	8.188E+01	6.343E+00	2.319E+00	1.246E+02	1.040E+02	1.101E+00
5.700E+03	1.392E-04	4.033E+02	8.419E+01	6.527E+00	2.411E+00	1.343E+02	1.113E+02	1.102E+00
5.800E+03	1.316E-04	4.530E+02	8.655E+01	6.720E+00	2.506E+00	1.360E+02	1.124E+02	1.104E+00
5.900E+03	1.247E-04	5.018E+02	8.883E+01	6.913E+00	2.600E+00	1.296E+02	1.073E+02	1.108E+00
6.000E+03	1.187E-04	5.472E+02	9.091E+01	7.100E+00	2.686E+00	1.172E+02	9.746E+01	1.112E+00
6.100E+03	1.135E-04	5.872E+02	9.272E+01	7.277E+00	2.762E+00	1.015E+02	8.489E+01	1.118E+00
6.200E+03	1.092E-04	6.214E+02	9.424E+01	7.444E+00	2.825E+00	8.511E+01	7.172E+01	1.121E+00
6.300E+03	1.056E-04	6.499E+02	9.548E+01	7.601E+00	2.877E+00	7.066E+01	5.955E+01	1.133E+00
6.400E+03	1.024E-04	6.734E+02	9.650E+01	7.750E+00	2.918E+00	5.850E+01	4.928E+01	1.143E+00
6.500E+03	9.972E-05	6.950E+02	9.733E+01	7.893E+00	2.951E+00	4.908E+01	4.122E+01	1.155E+00
6.600E+03	9.732E-05	7.097E+02	9.802E+01	8.030E+00	2.978E+00	4.218E+01	3.525E+01	1.166E+00
6.700E+03	9.514E-05	7.242E+02	9.862E+01	8.157E+00	3.001E+00	3.741E+01	3.110E+01	1.176E+00
6.800E+03	9.313E-05	7.373E+02	9.915E+01	8.274E+00	3.020E+00	3.438E+01	2.844E+01	1.185E+00
6.900E+03	9.125E-05	7.495E+02	9.963E+01	8.379E+00	3.038E+00	3.270E+01	2.695E+01	1.191E+00
7.000E+03	8.945E-05	7.614E+02	1.001E+02	8.473E+00	3.055E+00	3.207E+01	2.608E+01	1.194E+00
7.100E+03	8.772E-05	7.731E+02	1.006E+02	8.558E+00	3.071E+00	3.227E+01	2.653E+01	1.194E+00
7.200E+03	8.604E-05	7.851E+02	1.010E+02	8.625E+00	3.088E+00	3.311E+01	2.724E+01	1.192E+00
7.300E+03	8.439E-05	7.974E+02	1.015E+02	8.709E+00	3.105E+00	3.446E+01	2.839E+01	1.190E+00
7.400E+03	8.277E-05	8.103E+02	1.020E+02	8.782E+00	3.123E+00	3.624E+01	2.988E+01	1.186E+00
7.500E+03	8.117E-05	8.247E+02	1.025E+02	8.855E+00	3.142E+00	3.823E+01	3.166E+01	1.183E+00
7.600E+03	7.958E-05	8.385E+02	1.030E+02	8.929E+00	3.163E+00	4.074E+01	3.367E+01	1.179E+00
7.700E+03	7.799E-05	8.538E+02	1.035E+02	9.006E+00	3.185E+00	4.335E+01	3.585E+01	1.176E+00
7.800E+03	7.642E-05	8.702E+02	1.041E+02	9.086E+00	3.209E+00	4.616E+01	3.817E+01	1.173E+00
7.900E+03	7.486E-05	8.877E+02	1.047E+02	9.170E+00	3.235E+00	4.911E+01	4.060E+01	1.170E+00
8.000E+03	7.330E-05	9.062E+02	1.054E+02	9.257E+00	3.262E+00	5.216E+01	4.310E+01	1.167E+00
8.200E+03	7.020E-05	9.467E+02	1.067E+02	9.443E+00	3.323E+00	5.845E+01	4.818E+01	1.163E+00

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	6.715E-05	9.918E+02	1.082E+02	9.644E+00	3.391E+00	6.476E+01	5.321E+01	1.161E+00
8.500E+03	6.417E-05	1.041E+03	1.098E+02	9.857E+00	3.466E+00	7.084E+01	5.800E+01	1.159E+00
8.800E+03	6.126E-05	1.095E+03	1.115E+02	1.008E+01	3.548E+00	7.661E+01	6.251E+01	1.157E+00
9.000E+03	5.846E-05	1.154E+03	1.133E+02	1.032E+01	3.636E+00	8.211E+01	6.680E+01	1.156E+00
9.200E+03	5.577E-05	1.216E+03	1.151E+02	1.056E+01	3.729E+00	8.762E+01	7.110E+01	1.155E+00
9.400E+03	5.319E-05	1.282E+03	1.171E+02	1.080E+01	3.826E+00	9.349E+01	7.570E+01	1.154E+00
9.600E+03	5.071E-05	1.353E+03	1.191E+02	1.106E+01	3.929E+00	1.001E+02	8.087E+01	1.152E+00
9.800E+03	4.834E-05	1.429E+03	1.213E+02	1.132E+01	4.038E+00	1.076E+02	8.672E+01	1.151E+00
1.000E+04	4.605E-05	1.511E+03	1.235E+02	1.159E+01	4.154E+00	1.159E+02	9.309E+01	1.150E+00
1.020E+04	4.384E-05	1.599E+03	1.259E+02	1.188E+01	4.278E+00	1.245E+02	9.958E+01	1.149E+00
1.040E+04	4.172E-05	1.693E+03	1.284E+02	1.217E+01	4.409E+00	1.326E+02	1.056E+02	1.149E+00
1.060E+04	3.970E-05	1.792E+03	1.310E+02	1.248E+01	4.546E+00	1.393E+02	1.106E+02	1.149E+00
1.080E+04	3.778E-05	1.896E+03	1.336E+02	1.280E+01	4.688E+00	1.437E+02	1.137E+02	1.151E+00
1.100E+04	3.600E-05	2.002E+03	1.363E+02	1.313E+01	4.831E+00	1.451E+02	1.147E+02	1.153E+00
1.120E+04	3.435E-05	2.108E+03	1.389E+02	1.345E+01	4.973E+00	1.432E+02	1.131E+02	1.155E+00
1.140E+04	3.284E-05	2.211E+03	1.414E+02	1.378E+01	5.109E+00	1.379E+02	1.091E+02	1.159E+00
1.160E+04	3.149E-05	2.309E+03	1.437E+02	1.410E+01	5.237E+00	1.297E+02	1.028E+02	1.163E+00
1.180E+04	3.028E-05	2.400E+03	1.458E+02	1.441E+01	5.354E+00	1.194E+02	9.482E+01	1.169E+00
1.200E+04	2.920E-05	2.484E+03	1.478E+02	1.472E+01	5.459E+00	1.078E+02	8.583E+01	1.176E+00
1.220E+04	2.825E-05	2.558E+03	1.494E+02	1.501E+01	5.550E+00	9.595E+01	7.647E+01	1.184E+00
1.240E+04	2.741E-05	2.624E+03	1.509E+02	1.530E+01	5.628E+00	8.448E+01	6.732E+01	1.193E+00
1.260E+04	2.666E-05	2.682E+03	1.522E+02	1.559E+01	5.694E+00	7.390E+01	5.878E+01	1.204E+00
1.280E+04	2.600E-05	2.733E+03	1.533E+02	1.587E+01	5.749E+00	6.451E+01	5.111E+01	1.217E+00
1.300E+04	2.540E-05	2.777E+03	1.542E+02	1.615E+01	5.794E+00	5.641E+01	4.442E+01	1.231E+00
1.320E+04	2.485E-05	2.818E+03	1.550E+02	1.643E+01	5.831E+00	4.957E+01	3.874E+01	1.247E+00
1.340E+04	2.435E-05	2.850E+03	1.557E+02	1.671E+01	5.862E+00	4.300E+01	3.399E+01	1.264E+00
1.360E+04	2.389E-05	2.880E+03	1.563E+02	1.699E+01	5.886E+00	3.926E+01	3.010E+01	1.281E+00
1.380E+04	2.347E-05	2.908E+03	1.569E+02	1.726E+01	5.907E+00	3.553E+01	2.694E+01	1.299E+00
1.400E+04	2.307E-05	2.932E+03	1.574E+02	1.752E+01	5.923E+00	3.255E+01	2.443E+01	1.316E+00
1.420E+04	2.269E-05	2.955E+03	1.578E+02	1.777E+01	5.937E+00	3.023E+01	2.247E+01	1.331E+00
1.440E+04	2.233E-05	2.977E+03	1.582E+02	1.800E+01	5.949E+00	2.847E+01	2.098E+01	1.345E+00
1.460E+04	2.199E-05	2.997E+03	1.586E+02	1.821E+01	5.958E+00	2.718E+01	1.990E+01	1.355E+00
1.480E+04	2.166E-05	3.017E+03	1.590E+02	1.840E+01	5.967E+00	2.632E+01	1.918E+01	1.362E+00
1.500E+04	2.135E-05	3.035E+03	1.593E+02	1.855E+01	5.974E+00	2.584E+01	1.881E+01	1.366E+00
1.520E+04	2.104E-05	3.055E+03	1.596E+02	1.868E+01	5.981E+00	2.574E+01	1.875E+01	1.365E+00
1.540E+04	2.075E-05	3.074E+03	1.600E+02	1.878E+01	5.987E+00	2.599E+01	1.902E+01	1.360E+00
1.560E+04	2.046E-05	3.093E+03	1.603E+02	1.885E+01	5.994E+00	2.662E+01	1.960E+01	1.351E+00
1.580E+04	2.018E-05	3.113E+03	1.607E+02	1.890E+01	6.001E+00	2.762E+01	2.052E+01	1.339E+00
1.600E+04	1.990E-05	3.133E+03	1.610E+02	1.892E+01	6.008E+00	2.904E+01	2.180E+01	1.324E+00
1.620E+04	1.963E-05	3.155E+03	1.614E+02	1.894E+01	6.016E+00	3.090E+01	2.347E+01	1.308E+00
1.640E+04	1.936E-05	3.179E+03	1.618E+02	1.894E+01	6.025E+00	3.323E+01	2.555E+01	1.291E+00
1.660E+04	1.909E-05	3.204E+03	1.622E+02	1.895E+01	6.035E+00	3.607E+01	2.807E+01	1.274E+00
1.680E+04	1.883E-05	3.232E+03	1.627E+02	1.896E+01	6.048E+00	3.944E+01	3.104E+01	1.258E+00
1.700E+04	1.856E-05	3.262E+03	1.632E+02	1.898E+01	6.062E+00	4.335E+01	3.448E+01	1.243E+00
1.720E+04	1.830E-05	3.295E+03	1.637E+02	1.902E+01	6.079E+00	4.780E+01	3.835E+01	1.230E+00
1.740E+04	1.803E-05	3.332E+03	1.643E+02	1.906E+01	6.098E+00	5.274E+01	4.264E+01	1.218E+00
1.760E+04	1.776E-05	3.373E+03	1.649E+02	1.93E+01	6.121E+00	5.812E+01	4.727E+01	1.207E+00
1.780E+04	1.749E-05	3.417E+03	1.656E+02	1.921E+01	6.146E+00	6.384E+01	5.216E+01	1.199E+00
1.800E+04	1.721E-05	3.466E+03	1.663E+02	1.930E+01	6.173E+00	6.977E+01	5.719E+01	1.191E+00
1.820E+04	1.693E-05	3.520E+03	1.671E+02	1.941E+01	6.207E+00	7.576E+01	6.224E+01	1.185E+00
1.840E+04	1.665E-05	3.577E+03	1.680E+02	1.953E+01	6.242E+00	8.163E+01	6.715E+01	1.180E+00
1.860E+04	1.637E-05	3.639E+03	1.689E+02	1.966E+01	6.281E+00	8.723E+01	7.181E+01	1.177E+00
1.880E+04	1.609E-05	3.702E+03	1.699E+02	1.981E+01	6.322E+00	9.241E+01	7.607E+01	1.174E+00
1.900E+04	1.581E-05	3.774E+03	1.709E+02	1.996E+01	6.366E+00	9.703E+01	7.987E+01	1.171E+00
1.920E+04	1.554E-05	3.847E+03	1.719E+02	2.012E+01	6.412E+00	1.010E+02	8.315E+01	1.169E+00
1.940E+04	1.526E-05	3.922E+03	1.730E+02	2.029E+01	6.460E+00	1.044E+02	8.592E+01	1.168E+00
1.960E+04	1.499E-05	4.000E+03	1.741E+02	2.046E+01	6.509E+00	1.072E+02	8.822E+01	1.167E+00
1.980E+04	1.473E-05	4.079E+03	1.752E+02	2.064E+01	6.559E+00	1.096E+02	9.017E+01	1.166E+00
2.000E+04	1.447E-05	4.160E+03	1.763E+02	2.081E+01	6.609E+00	1.117E+02	9.191E+01	1.165E+00
2.020E+04	1.422E-05	4.242E+03	1.774E+02	2.099E+01	6.660E+00	1.137E+02	9.360E+01	1.164E+00
2.040E+04	1.397E-05	4.326E+03	1.785E+02	2.116E+01	6.711E+00	1.158E+02	9.544E+01	1.163E+00
2.060E+04	1.373E-05	4.412E+03	1.797E+02	2.133E+01	6.762E+00	1.183E+02	9.760E+01	1.161E+00
2.080E+04	1.350E-05	4.500E+03	1.809E+02	2.150E+01	6.814E+00	1.213E+02	1.003E+02	1.159E+00
2.100E+04	1.326E-05	4.590E+03	1.820E+02	2.167E+01	6.867E+00	1.251E+02	1.035E+02	1.157E+00
2.120E+04	1.304E-05	4.683E+03	1.832E+02	2.183E+01	6.921E+00	1.298E+02	1.075E+02	1.155E+00
2.140E+04	1.281E-05	4.780E+03	1.845E+02	2.200E+01	6.976E+00	1.354E+02	1.122E+02	1.153E+00
2.160E+04	1.259E-05	4.882E+03	1.857E+02	2.217E+01	7.033E+00	1.418E+02	1.177E+02	1.150E+00
2.180E+04	1.237E-05	4.988E+03	1.871E+02	2.235E+01	7.093E+00	1.491E+02	1.237E+02	1.148E+00
2.200E+04	1.215E-05	5.100E+03	1.885E+02	2.253E+01	7.155E+00	1.569E+02	1.302E+02	1.146E+00
2.220E+04	1.193E-05	5.218E+03	1.899E+02	2.271E+01	7.221E+00	1.652E+02	1.370E+02	1.144E+00
2.240E+04	1.172E-05	5.342E+03	1.915E+02	2.291E+01	7.289E+00	1.736E+02	1.438E+02	1.143E+00
2.260E+04	1.150E-05	5.472E+03	1.930E+02	2.311E+01	7.361E+00	1.817E+02	1.503E+02	1.141E+00
2.280E+04	1.128E-05	5.608E+03	1.947E+02	2.332E+01	7.436E+00	1.892E+02	1.564E+02	1.141E+00
2.300E+04	1.107E-05	5.749E+03	1.964E+02	2.354E+01	7.513E+00	1.958E+02	1.616E+02	1.140E+00
2.320E+04	1.086E-05	5.894E+03	1.981E+02	2.377E+01	7.592E+00	2.012E+02	1.658E+02	1.140E+00
2.340E+04	1.065E-05	6.043E+03	1.998E+02	2.400E+01	7.674E+00	2.051E+02	1.687E+02	1.140E+00
2.360E+04	1.045E-05	6.194E+03	2.016E+02	2.424E+01	7.756E+00	2.072E+02	1.703E+02	1.141E+00
2.380E+04	1.025E-05	6.346E+03	2.033E+02	2.448E+01	7.838E+00	2.076E+02	1.704E+02	1.142E+00
2.400E+04	1.006E-05	6.498E+03	2.051E+02	2.473E+01	7.920E+00	2.060E+02	1.691E+02	1.143E+00
2.420E+04	9.880E-06	6.648E+03	2.068E+02	2.497E+01	8.000E+00	2.027E+02	1.663E+02	1.145E+00
2.440E+04	9.704E-06	6.794E+03	2.084E+02	2.522E+01	8.079E+00	1.978E+02	1.622E+02	1.147E+00
2.460E+04	9.536E-06	6.937E+03	2.100E+02	2.547E+01	8.154E+00	1.914E+02	1.569E+02	1.150E+00
2.480E+04	9.376E-06	7.074E+03	2.115E+02	2.572E+01	8.227E+00	1.838E+02	1.507E+02	1.152E+00
2.500E+04	9.224E-06	7.206E+03	2.130E+02	2.596E+01	8.295E+00	1.753E+02	1.437E+02	1.156E+00

Table I. - Continued.

P/PO = 8.00E-03

1	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E-02	-1.710E+02	2.635E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+07
2.000E+02	1.093E-01	-1.705E+02	2.887E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E-03	-1.690E+02	3.056E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.465E-03	-1.672E+02	3.191E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E-03	-1.653E+02	3.307E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E-03	-1.633E+02	3.407E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E-03	-1.612E+02	3.497E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E-03	-1.590E+02	3.578E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E-03	-1.567E+02	3.652E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E-03	-1.543E+02	3.720E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	1.987E-03	-1.519E+02	3.782E+01	1.909E+00	1.000E+00	6.641E+00	5.641E+00	1.177E+00
1.200E+03	1.822E-03	-1.494E+02	3.841E+01	1.990E+00	1.000E+00	6.765E+00	5.765E+00	1.174E+00
1.300E+03	1.682E-03	-1.469E+02	3.895E+01	2.068E+00	1.000E+00	6.913E+00	5.910E+00	1.170E+00
1.400E+03	1.561E-03	-1.444E+02	3.947E+01	2.142E+00	1.000E+00	7.148E+00	6.138E+00	1.164E+00
1.500E+03	1.456E-03	-1.417E+02	3.998E+01	2.210E+00	1.001E+00	7.582E+00	6.554E+00	1.156E+00
1.600E+03	1.363E-03	-1.388E+02	4.049E+01	2.273E+00	1.002E+00	8.391E+00	7.323E+00	1.145E+00
1.700E+03	1.279E-03	-1.355E+02	4.104E+01	2.331E+00	1.005E+00	9.817E+00	8.670E+00	1.130E+00
1.800E+03	1.201E-03	-1.315E+02	4.166E+01	2.389E+00	1.011E+00	1.216E+01	1.087E+01	1.115E+00
1.900E+03	1.127E-03	-1.264E+02	4.241E+01	2.453E+00	1.021E+00	1.575E+01	1.420E+01	1.102E+00
2.000E+03	1.054E-03	-1.197E+02	4.334E+01	2.526E+00	1.038E+00	2.089E+01	1.889E+01	1.093E+00
2.100E+03	9.793E-04	-1.109E+02	4.452E+01	2.613E+00	1.063E+00	2.771E+01	2.500E+01	1.087E+00
2.200E+03	9.032E-04	-9.925E+01	4.600E+01	2.718E+00	1.100E+00	3.606E+01	3.231E+01	1.085E+00
2.300E+03	8.258E-04	-8.437E+01	4.780E+01	2.842E+00	1.151E+00	4.538E+01	4.022E+01	1.084E+00
2.400E+03	7.488E-04	-6.503E+01	4.993E+01	2.986E+00	1.216E+00	5.470E+01	4.785E+01	1.086E+00
2.500E+03	6.748E-04	-4.445E+01	5.234E+01	3.150E+00	1.296E+00	6.290E+01	5.429E+01	1.089E+00
2.600E+03	6.060E-04	-2.021E+01	5.493E+01	3.331E+00	1.387E+00	6.912E+01	5.893E+01	1.093E+00
2.700E+03	5.443E-04	5.852E+00	5.762E+01	3.522E+00	1.488E+00	7.279E+01	6.143E+01	1.098E+00
2.800E+03	4.905E-04	3.468E+01	6.029E+01	3.720E+00	1.592E+00	7.308E+01	6.123E+01	1.104E+00
2.900E+03	4.450E-04	5.879E+01	6.279E+01	3.918E+00	1.694E+00	6.866E+01	5.738E+01	1.111E+00
3.000E+03	4.082E-04	8.231E+01	6.497E+01	4.107E+00	1.785E+00	5.905E+01	4.944E+01	1.120E+00
3.100E+03	3.795E-04	1.016E+02	6.670E+01	4.283E+00	1.858E+00	4.621E+01	3.881E+01	1.132E+00
3.200E+03	3.575E-04	1.162E+02	6.796E+01	4.447E+00	1.911E+00	3.366E+01	2.824E+01	1.150E+00
3.300E+03	3.406E-04	1.266E+02	6.884E+01	4.607E+00	1.945E+00	2.387E+01	1.983E+01	1.175E+00
3.400E+03	3.270E-04	1.341E+02	6.945E+01	4.767E+00	1.967E+00	1.728E+01	1.408E+01	1.208E+00
3.500E+03	3.155E-04	1.396E+02	6.988E+01	4.927E+00	1.980E+00	1.318E+01	1.048E+01	1.246E+00
3.600E+03	3.056E-04	1.439E+02	7.022E+01	5.081E+00	1.987E+00	1.075E+01	8.324E+00	1.283E+00
3.700E+03	2.966E-04	1.476E+02	7.049E+01	5.221E+00	1.992E+00	9.311E+00	7.052E+00	1.315E+00
3.800E+03	2.884E-04	1.508E+02	7.073E+01	5.344E+00	1.995E+00	8.469E+00	6.306E+00	1.339E+00
3.900E+03	2.808E-04	1.538E+02	7.094E+01	5.450E+00	1.997E+00	7.974E+00	5.869E+00	1.356E+00
4.000E+03	2.736E-04	1.567E+02	7.114E+01	5.543E+00	1.998E+00	7.692E+00	5.622E+00	1.367E+00
4.100E+03	2.668E-04	1.595E+02	7.133E+01	5.623E+00	1.998E+00	7.551E+00	5.501E+00	1.372E+00
4.200E+03	2.604E-04	1.622E+02	7.151E+01	5.691E+00	1.999E+00	7.525E+00	5.483E+00	1.371E+00
4.300E+03	2.543E-04	1.650E+02	7.169E+01	5.747E+00	2.000E+00	7.621E+00	5.578E+00	1.365E+00
4.400E+03	2.484E-04	1.678E+02	7.186E+01	5.786E+00	2.000E+00	7.887E+00	5.830E+00	1.352E+00
4.500E+03	2.428E-04	1.708E+02	7.205E+01	5.803E+00	2.001E+00	8.418E+00	6.326E+00	1.330E+00
4.600E+03	2.374E-04	1.740E+02	7.224E+01	5.798E+00	2.002E+00	9.577E+00	7.217E+00	1.297E+00
4.700E+03	2.320E-04	1.778E+02	7.246E+01	5.775E+00	2.005E+00	1.102E+01	8.739E+00	1.258E+00
4.800E+03	2.268E-04	1.822E+02	7.272E+01	5.746E+00	2.008E+00	1.374E+01	1.124E+01	1.217E+00
4.900E+03	2.214E-04	1.880E+02	7.304E+01	5.726E+00	2.015E+00	1.806E+01	1.519E+01	1.181E+00
5.000E+03	2.159E-04	1.958E+02	7.347E+01	5.728E+00	2.025E+00	2.465E+01	2.115E+01	1.152E+00
5.100E+03	2.099E-04	2.064E+02	7.405E+01	5.756E+00	2.042E+00	3.421E+01	2.967E+01	1.131E+00
5.200E+03	2.034E-04	2.212E+02	7.483E+01	5.812E+00	2.067E+00	4.723E+01	4.106E+01	1.118E+00
5.300E+03	1.962E-04	2.414E+02	7.588E+01	5.896E+00	2.103E+00	6.368E+01	5.509E+01	1.109E+00
5.400E+03	1.882E-04	2.682E+02	7.725E+01	6.008E+00	2.152E+00	8.260E+01	7.075E+01	1.104E+00
5.500E+03	1.794E-04	3.020E+02	7.894E+01	6.146E+00	2.215E+00	1.020E+02	8.629E+01	1.102E+00
5.600E+03	1.703E-04	3.425E+02	8.094E+01	6.308E+00	2.292E+00	1.190E+02	9.952E+01	1.102E+00
5.700E+03	1.611E-04	3.884E+02	8.316E+01	6.487E+00	2.380E+00	1.307E+02	1.084E+02	1.102E+00
5.800E+03	1.523E-04	4.373E+02	8.548E+01	6.677E+00	2.474E+00	1.350E+02	1.115E+02	1.104E+00
5.900E+03	1.443E-04	4.863E+02	8.776E+01	6.870E+00	2.568E+00	1.313E+02	1.085E+02	1.107E+00
6.000E+03	1.371E-04	5.326E+02	8.989E+01	7.058E+00	2.657E+00	1.209E+02	1.003E+02	1.111E+00
6.100E+03	1.310E-04	5.743E+02	9.177E+01	7.238E+00	2.735E+00	1.063E+02	8.870E+01	1.116E+00
6.200E+03	1.258E-04	6.103E+02	9.337E+01	7.407E+00	2.802E+00	9.042E+01	7.583E+01	1.123E+00
6.300E+03	1.214E-04	6.406E+02	9.470E+01	7.567E+00	2.858E+00	7.538E+01	6.343E+01	1.131E+00
6.400E+03	1.177E-04	6.657E+02	9.578E+01	7.719E+00	2.902E+00	6.248E+01	5.261E+01	1.140E+00
6.500E+03	1.145E-04	6.866E+02	9.666E+01	7.864E+00	2.938E+00	5.220E+01	4.386E+01	1.151E+00
6.600E+03	1.116E-04	7.043E+02	9.740E+01	8.002E+00	2.968E+00	4.447E+01	3.721E+01	1.162E+00
6.700E+03	1.091E-04	7.195E+02	9.802E+01	8.133E+00	2.992E+00	3.897E+01	3.244E+01	1.173E+00
6.800E+03	1.067E-04	7.330E+02	9.857E+01	8.255E+00	3.012E+00	3.531E+01	2.924E+01	1.183E+00
6.900E+03	1.046E-04	7.455E+02	9.907E+01	8.365E+00	3.030E+00	3.312E+01	2.731E+01	1.190E+00
7.000E+03	1.025E-04	7.574E+02	9.954E+01	8.463E+00	3.047E+00	3.206E+01	2.637E+01	1.194E+00
7.100E+03	1.005E-04	7.691E+02	9.999E+01	8.551E+00	3.064E+00	3.190E+01	2.621E+01	1.195E+00
7.200E+03	9.85E-05	7.809E+02	1.004E+02	8.632E+00	3.080E+00	3.243E+01	2.665E+01	1.194E+00
7.300E+03	9.671E-05	7.929E+02	1.009E+02	8.707E+00	3.097E+00	3.353E+01	2.757E+01	1.192E+00
7.400E+03	9.487E-05	8.055E+02	1.014E+02	8.780E+00	3.114E+00	3.506E+01	2.887E+01	1.189E+00
7.500E+03	9.305E-05	8.185E+02	1.018E+02	8.852E+00	3.132E+00	3.696E+01	3.047E+01	1.186E+00
7.600E+03	9.126E-05	8.325E+02	1.023E+02	8.925E+00	3.152E+00	3.916E+01	3.232E+01	1.182E+00
7.700E+03	8.947E-05	8.473E+02	1.029E+02	9.001E+00	3.173E+00	4.160E+01	3.436E+01	1.179E+00
7.800E+03	8.770E-05	8.630E+02	1.034E+02	9.079E+00	3.196E+00	4.425E+01	3.656E+01	1.175E+00
7.900E+03	8.593E-05	8.798E+02	1.040E+02	9.160E+00	3.220E+00	4.705E+01	3.887E+01	1.172E+00
8.000E+03	8.417E-05	8.975E+02	1.046E+02	9.245E+00	3.247E+00	4.999E+01	4.127E+01	1.170E+00
8.200E+03	8.068E-05	9.363E+02	1.059E+02	9.425E+00	3.304E+00	5.609E+01	4.622E+01	1.166E+00



Table I. - Continued.

T	RHO/RHO-0	H/RTQ	S/R	A/AO	Z	CP/R	CV/R	GAMMA
8.400E+03	7.724E-05	9.797E+02	1.774E+02	9.620E+00	3.370E+00	6.228E+01	5.117E+01	1.162E+00
8.500E+03	7.386E-05	1.028E+03	1.089E+02	9.829E+00	3.442E+00	6.834E+01	5.596E+01	1.160E+00
8.600E+03	7.056E-05	1.080E+03	1.105E+02	1.005E+01	3.521E+00	7.413E+01	6.049E+01	1.159E+00
9.000E+03	6.737E-05	1.136E+03	1.123E+02	1.028E+01	3.605E+00	7.964E+01	6.479E+01	1.157E+00
9.200E+03	6.430E-05	1.196E+03	1.141E+02	1.052E+01	3.696E+00	8.507E+01	6.901E+01	1.156E+00
9.400E+03	6.135E-05	1.261E+03	1.160E+02	1.076E+01	3.791E+00	9.073E+01	7.343E+01	1.155E+00
9.600E+03	5.853E-05	1.329E+03	1.179E+02	1.101E+01	3.891E+00	9.697E+01	7.831E+01	1.154E+00
9.800E+03	5.582E-05	1.403E+03	1.200E+02	1.127E+01	3.997E+00	1.040E+02	8.381E+01	1.152E+00
1.000E+04	5.321E-05	1.482E+03	1.222E+02	1.153E+01	4.109E+00	1.119E+02	8.986E+01	1.151E+00
1.020E+04	5.069E-05	1.567E+03	1.245E+02	1.181E+01	4.223E+00	1.202E+02	9.619E+01	1.150E+00
1.040E+04	4.827E-05	1.658E+03	1.269E+02	1.210E+01	4.355E+00	1.283E+02	1.023E+02	1.150E+00
1.060E+04	4.595E-05	1.755E+03	1.294E+02	1.241E+01	4.488E+00	1.355E+02	1.076E+02	1.150E+00
1.080E+04	4.375E-05	1.855E+03	1.320E+02	1.272E+01	4.627E+00	1.408E+02	1.114E+02	1.151E+00
1.100E+04	4.168E-05	1.960E+03	1.346E+02	1.304E+01	4.768E+00	1.434E+02	1.133E+02	1.153E+00
1.120E+04	3.976E-05	2.065E+03	1.372E+02	1.337E+01	4.909E+00	1.429E+02	1.128E+02	1.155E+00
1.140E+04	3.800E-05	2.169E+03	1.397E+02	1.369E+01	5.047E+00	1.392E+02	1.099E+02	1.158E+00
1.160E+04	3.640E-05	2.263E+03	1.421E+02	1.401E+01	5.177E+00	1.324E+02	1.047E+02	1.162E+00
1.180E+04	3.497E-05	2.362E+03	1.442E+02	1.433E+01	5.298E+00	1.233E+02	9.769E+01	1.167E+00
1.200E+04	3.369E-05	2.448E+03	1.462E+02	1.463E+01	5.407E+00	1.125E+02	8.936E+01	1.173E+00
1.220E+04	3.256E-05	2.527E+03	1.480E+02	1.493E+01	5.504E+00	1.010E+02	8.037E+01	1.181E+00
1.240E+04	3.155E-05	2.596E+03	1.495E+02	1.522E+01	5.587E+00	8.957E+01	7.131E+01	1.189E+00
1.260E+04	3.066E-05	2.658E+03	1.509E+02	1.551E+01	5.659E+00	7.877E+01	6.265E+01	1.199E+00
1.280E+04	2.987E-05	2.712E+03	1.521E+02	1.579E+01	5.719E+00	6.898E+01	5.471E+01	1.211E+00
1.300E+04	2.915E-05	2.759E+03	1.531E+02	1.607E+01	5.769E+00	6.039E+01	4.767E+01	1.224E+00
1.320E+04	2.851E-05	2.801E+03	1.539E+02	1.635E+01	5.810E+00	5.304E+01	4.159E+01	1.239E+00
1.340E+04	2.792E-05	2.837E+03	1.547E+02	1.663E+01	5.844E+00	4.687E+01	3.645E+01	1.255E+00
1.360E+04	2.738E-05	2.870E+03	1.553E+02	1.690E+01	5.871E+00	4.177E+01	3.218E+01	1.272E+00
1.380E+04	2.688E-05	2.899E+03	1.559E+02	1.717E+01	5.894E+00	3.761E+01	2.869E+01	1.289E+00
1.400E+04	2.641E-05	2.925E+03	1.564E+02	1.744E+01	5.911E+00	3.427E+01	2.587E+01	1.306E+00
1.420E+04	2.597E-05	2.949E+03	1.569E+02	1.769E+01	5.928E+00	3.162E+01	2.363E+01	1.322E+00
1.440E+04	2.555E-05	2.971E+03	1.573E+02	1.793E+01	5.941E+00	2.957E+01	2.190E+01	1.337E+00
1.460E+04	2.516E-05	2.992E+03	1.577E+02	1.816E+01	5.952E+00	2.802E+01	2.060E+01	1.349E+00
1.480E+04	2.478E-05	3.012E+03	1.581E+02	1.835E+01	5.961E+00	2.693E+01	1.969E+01	1.358E+00
1.500E+04	2.442E-05	3.032E+03	1.584E+02	1.853E+01	5.969E+00	2.624E+01	1.912E+01	1.363E+00
1.520E+04	2.407E-05	3.051E+03	1.588E+02	1.867E+01	5.976E+00	2.592E+01	1.888E+01	1.364E+00
1.540E+04	2.373E-05	3.070E+03	1.591E+02	1.879E+01	5.983E+00	2.595E+01	1.895E+01	1.362E+00
1.560E+04	2.340E-05	3.089E+03	1.595E+02	1.887E+01	5.990E+00	2.635E+01	1.934E+01	1.355E+00
1.580E+04	2.308E-05	3.109E+03	1.598E+02	1.893E+01	5.996E+00	2.712E+01	2.005E+01	1.345E+00
1.600E+04	2.276E-05	3.129E+03	1.601E+02	1.897E+01	6.003E+00	2.827E+01	2.110E+01	1.332E+00
1.620E+04	2.245E-05	3.150E+03	1.605E+02	1.900E+01	6.011E+00	2.984E+01	2.251E+01	1.317E+00
1.640E+04	2.215E-05	3.173E+03	1.609E+02	1.901E+01	6.019E+00	3.185E+01	2.431E+01	1.301E+00
1.660E+04	2.184E-05	3.197E+03	1.613E+02	1.902E+01	6.029E+00	3.434E+01	2.652E+01	1.285E+00
1.680E+04	2.154E-05	3.223E+03	1.617E+02	1.903E+01	6.040E+00	3.733E+01	2.917E+01	1.268E+00
1.700E+04	2.124E-05	3.252E+03	1.622E+02	1.904E+01	6.053E+00	4.084E+01	3.225E+01	1.253E+00
1.720E+04	2.095E-05	3.283E+03	1.627E+02	1.907E+01	6.068E+00	4.487E+01	3.578E+01	1.239E+00
1.740E+04	2.064E-05	3.317E+03	1.622E+02	1.911E+01	6.086E+00	4.941E+01	3.973E+01	1.226E+00
1.760E+04	2.034E-05	3.355E+03	1.638E+02	1.916E+01	6.106E+00	5.442E+01	4.406E+01	1.215E+00
1.780E+04	2.004E-05	3.397E+03	1.645E+02	1.923E+01	6.129E+00	5.981E+01	4.869E+01	1.205E+00
1.800E+04	1.973E-05	3.443E+03	1.652E+02	1.932E+01	6.156E+00	6.550E+01	5.353E+01	1.197E+00
1.820E+04	1.942E-05	3.493E+03	1.659E+02	1.941E+01	6.186E+00	7.134E+01	5.847E+01	1.190E+00
1.840E+04	1.911E-05	3.548E+03	1.667E+02	1.953E+01	6.218E+00	7.719E+01	6.339E+01	1.183E+00
1.860E+04	1.879E-05	3.606E+03	1.676E+02	1.965E+01	6.254E+00	8.288E+01	6.814E+01	1.180E+00
1.880E+04	1.848E-05	3.669E+03	1.685E+02	1.979E+01	6.294E+00	8.827E+01	7.260E+01	1.177E+00
1.900E+04	1.816E-05	3.735E+03	1.695E+02	1.994E+01	6.335E+00	9.321E+01	7.667E+01	1.174E+00
1.920E+04	1.785E-05	3.805E+03	1.705E+02	2.009E+01	6.379E+00	9.762E+01	8.028E+01	1.171E+00
1.940E+04	1.754E-05	3.878E+03	1.715E+02	2.025E+01	6.425E+00	1.014E+02	8.340E+01	1.170E+00
1.960E+04	1.723E-05	3.954E+03	1.726E+02	2.042E+01	6.473E+00	1.047E+02	8.604E+01	1.168E+00
1.980E+04	1.693E-05	4.031E+03	1.736E+02	2.059E+01	6.522E+00	1.074E+02	8.848E+01	1.167E+00
2.000E+04	1.663E-05	4.111E+03	1.747E+02	2.077E+01	6.571E+00	1.097E+02	9.021E+01	1.166E+00
2.020E+04	1.634E-05	4.192E+03	1.758E+02	2.094E+01	6.622E+00	1.118E+02	9.199E+01	1.165E+00
2.040E+04	1.606E-05	4.275E+03	1.769E+02	2.111E+01	6.672E+00	1.139E+02	9.378E+01	1.164E+00
2.060E+04	1.579E-05	4.359E+03	1.781E+02	2.128E+01	6.723E+00	1.162E+02	9.575E+01	1.163E+00
2.080E+04	1.551E-05	4.445E+03	1.792E+02	2.145E+01	6.774E+00	1.189E+02	9.807E+01	1.161E+00
2.100E+04	1.525E-05	4.533E+03	1.804E+02	2.162E+01	6.826E+00	1.222E+02	1.009E+02	1.159E+00
2.120E+04	1.499E-05	4.624E+03	1.815E+02	2.179E+01	6.879E+00	1.252E+02	1.043E+02	1.157E+00
2.140E+04	1.475E-05	4.710E+03	1.827E+02	2.196E+01	6.933E+00	1.310E+02	1.084E+02	1.155E+00
2.160E+04	1.448E-05	4.816E+03	1.840E+02	2.213E+01	6.989E+00	1.367E+02	1.133E+02	1.153E+00
2.180E+04	1.423E-05	4.919E+03	1.853E+02	2.230E+01	7.047E+00	1.432E+02	1.187E+02	1.150E+00
2.200E+04	1.398E-05	5.025E+03	1.866E+02	2.247E+01	7.107E+00	1.505E+02	1.247E+02	1.148E+00
2.220E+04	1.374E-05	5.139E+03	1.880E+02	2.263E+01	7.170E+00	1.582E+02	1.311E+02	1.146E+00
2.240E+04	1.349E-05	5.258E+03	1.895E+02	2.284E+01	7.235E+00	1.663E+02	1.377E+02	1.145E+00
2.260E+04	1.324E-05	5.383E+03	1.910E+02	2.304E+01	7.304E+00	1.744E+02	1.443E+02	1.143E+00
2.280E+04	1.300E-05	5.513E+03	1.925E+02	2.324E+01	7.376E+00	1.821E+02	1.505E+02	1.142E+00
2.300E+04	1.276E-05	5.649E+03	1.942E+02	2.346E+01	7.450E+00	1.893E+02	1.562E+02	1.141E+00
2.320E+04	1.252E-05	5.790E+03	1.958E+02	2.368E+01	7.528E+00	1.954E+02	1.610E+02	1.141E+00
2.340E+04	1.228E-05	5.935E+03	1.975E+02	2.390E+01	7.607E+00	2.003E+02	1.648E+02	1.141E+00
2.360E+04	1.205E-05	6.083E+03	1.993E+02	2.414E+01	7.687E+00	2.037E+02	1.674E+02	1.141E+00
2.380E+04	1.182E-05	6.233E+03	2.010E+02	2.437E+01	7.769E+00	2.055E+02	1.686E+02	1.142E+00
2.400E+04	1.160E-05	6.384E+03	2.027E+02	2.461E+01	7.850E+00	2.054E+02	1.685E+02	1.143E+00
2.420E+04	1.139E-05	6.533E+03	2.044E+02	2.486E+01	7.931E+00	2.036E+02	1.669E+02	1.145E+00
2.440E+04	1.117E-05	6.681E+03	2.061E+02	2.511E+01	8.010E+00	2.001E+02	1.640E+02	1.146E+00
2.460E+04	1.099E-05	6.826E+03	2.077E+02	2.535E+01	8.087E+00	1.951E+02	1.598E+02	1.148E+00
2.480E+04	1.080E-05	6.967E+03	2.092E+02	2.560E+01	8.162E+00	1.887E+02	1.545E+02	1.151E+00
2.500E+04	1.062E-05	7.102E+03	2.107E+02	2.585E+01	8.233E+00	1.811E+02	1.484E+02	1.154E+00

Table I. - Continued.

P/P0 = 9.00E-03

T	RHO/RHO-0	H/RTO	S/R	A/AU	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E-02	-1.718E+02	2.623E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E-02	-1.705E+02	2.475E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E-03	-1.690E+02	3.044E+01	1.042E+00	1.000E+00	4.473E+00	3.473E+00	1.288E+00
4.000E+02	6.149E-03	-1.672E+02	3.180E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E-03	-1.653E+02	3.295E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.079E-03	-1.633E+02	3.396E+01	1.431E+00	1.000E+00	5.686E+00	4.586E+00	1.213E+00
7.000E+02	3.513E-03	-1.612E+02	3.485E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E-03	-1.590E+02	3.566E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E-03	-1.567E+02	3.640E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E-03	-1.543E+02	3.708E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	2.236E-03	-1.519E+02	3.771E+01	1.909E+00	1.000E+00	6.641E+00	5.641E+00	1.177E+00
1.200E+03	2.049E-03	-1.494E+02	3.829E+01	1.990E+00	1.000E+00	6.764E+00	5.763E+00	1.174E+00
1.300E+03	1.892E-03	-1.469E+02	3.884E+01	2.068E+00	1.000E+00	6.910E+00	5.907E+00	1.170E+00
1.400E+03	1.756E-03	-1.444E+02	3.936E+01	2.142E+00	1.000E+00	7.139E+00	6.129E+00	1.165E+00
1.500E+03	1.638E-03	-1.417E+02	3.986E+01	2.210E+00	1.001E+00	7.559E+00	6.532E+00	1.157E+00
1.600E+03	1.534E-03	-1.388E+02	4.037E+01	2.273E+00	1.002E+00	8.338E+00	7.273E+00	1.146E+00
1.700E+03	1.439E-03	-1.355E+02	4.091E+01	2.332E+00	1.005E+00	9.711E+00	8.570E+00	1.131E+00
1.800E+03	1.352E-03	-1.315E+02	4.153E+01	2.390E+00	1.011E+00	1.197E+01	1.069E+01	1.116E+00
1.900E+03	1.269E-03	-1.266E+02	4.226E+01	2.453E+00	1.020E+00	1.543E+01	1.390E+01	1.103E+00
2.000E+03	1.187E-03	-1.201E+02	4.317E+01	2.525E+00	1.036E+00	2.038E+01	1.842E+01	1.094E+00
2.100E+03	1.104E-03	-1.115E+02	4.432E+01	2.611E+00	1.061E+00	2.697E+01	2.434E+01	1.088E+00
2.200E+03	1.020E-03	-1.002E+02	4.576E+01	2.714E+00	1.057E+00	3.506E+01	3.143E+01	1.085E+00
2.300E+03	9.334E-04	-8.567E+01	4.751E+01	2.835E+00	1.146E+00	4.416E+01	3.917E+01	1.085E+00
2.400E+03	8.476E-04	-6.781E+01	4.959E+01	2.978E+00	1.209E+00	5.334E+01	4.670E+01	1.086E+00
2.500E+03	7.648E-04	-4.674E+01	5.194E+01	3.139E+00	1.286E+00	6.251E+01	5.315E+01	1.089E+00
2.600E+03	6.876E-04	-2.500E+01	5.448E+01	3.316E+00	1.376E+00	6.783E+01	5.789E+01	1.093E+00
2.700E+03	6.180E-04	2.538E+00	5.712E+01	3.506E+00	1.474E+00	7.175E+01	6.039E+01	1.098E+00
2.800E+03	5.571E-04	2.916E+01	5.976E+01	3.702E+00	1.577E+00	7.254E+01	6.080E+01	1.103E+00
2.900E+03	5.053E-04	5.522E+01	6.225E+01	3.899E+00	1.678E+00	6.898E+01	5.762E+01	1.110E+00
3.000E+03	4.629E-04	7.904E+01	6.446E+01	4.089E+00	1.771E+00	6.035E+01	5.047E+01	1.119E+00
3.100E+03	4.295E-04	9.896E+01	6.625E+01	4.266E+00	1.847E+00	4.811E+01	4.036E+01	1.130E+00
3.200E+03	4.040E-04	1.142E+02	6.757E+01	4.432E+00	1.902E+00	3.556E+01	2.982E+01	1.147E+00
3.300E+03	3.843E-04	1.253E+02	6.850E+01	4.591E+00	1.939E+00	2.538E+01	2.112E+01	1.171E+00
3.400E+03	3.685E-04	1.332E+02	6.915E+01	4.750E+00	1.963E+00	1.832E+01	1.499E+01	1.202E+00
3.500E+03	3.554E-04	1.390E+02	6.961E+01	4.909E+00	1.977E+00	1.386E+01	1.107E+01	1.238E+00
3.600E+03	3.441E-04	1.436E+02	6.996E+01	5.064E+00	1.986E+00	1.117E+01	8.699E+00	1.275E+00
3.700E+03	3.339E-04	1.473E+02	7.024E+01	5.207E+00	1.991E+00	9.578E+00	7.288E+00	1.309E+00
3.800E+03	3.246E-04	1.507E+02	7.048E+01	5.335E+00	1.994E+00	8.636E+00	6.453E+00	1.344E+00
3.900E+03	3.159E-04	1.537E+02	7.070E+01	5.442E+00	1.996E+00	8.080E+00	5.962E+00	1.353E+00
4.000E+03	3.078E-04	1.566E+02	7.090E+01	5.537E+00	1.997E+00	7.757E+00	5.679E+00	1.364E+00
4.100E+03	3.002E-04	1.594E+02	7.109E+01	5.620E+00	1.998E+00	7.588E+00	5.532E+00	1.370E+00
4.200E+03	2.930E-04	1.622E+02	7.127E+01	5.691E+00	1.999E+00	7.537E+00	5.493E+00	1.371E+00
4.300E+03	2.861E-04	1.650E+02	7.145E+01	5.749E+00	1.999E+00	7.605E+00	5.562E+00	1.376E+00
4.400E+03	2.795E-04	1.678E+02	7.163E+01	5.791E+00	2.000E+00	7.831E+00	5.776E+00	1.355E+00
4.500E+03	2.732E-04	1.707E+02	7.181E+01	5.814E+00	2.001E+00	8.296E+00	6.211E+00	1.335E+00
4.600E+03	2.671E-04	1.739E+02	7.200E+01	5.813E+00	2.002E+00	9.145E+00	7.001E+00	1.305E+00
4.700E+03	2.611E-04	1.775E+02	7.221E+01	5.793E+00	2.004E+00	1.061E+01	8.356E+00	1.267E+00
4.800E+03	2.552E-04	1.818E+02	7.246E+01	5.765E+00	2.007E+00	1.303E+01	1.059E+01	1.226E+00
4.900E+03	2.493E-04	1.872E+02	7.276E+01	5.734E+00	2.013E+00	1.690E+01	1.413E+01	1.189E+00
5.000E+03	2.432E-04	1.944E+02	7.316E+01	5.740E+00	2.023E+00	2.284E+01	1.951E+01	1.158E+00
5.100E+03	2.367E-04	2.043E+02	7.369E+01	5.762E+00	2.037E+00	3.152E+01	2.727E+01	1.136E+00
5.200E+03	2.296E-04	2.179E+02	7.441E+01	5.811E+00	2.060E+00	4.349E+01	3.780E+01	1.121E+00
5.300E+03	2.218E-04	2.365E+02	7.538E+01	5.888E+00	2.093E+00	5.888E+01	5.099E+01	1.111E+00
5.400E+03	2.130E-04	2.613E+02	7.665E+01	5.993E+00	2.138E+00	7.598E+01	6.609E+01	1.106E+00
5.500E+03	2.035E-04	2.930E+02	7.824E+01	6.123E+00	2.197E+00	9.611E+01	8.156E+01	1.103E+00
5.600E+03	1.935E-04	3.315E+02	8.013E+01	6.278E+00	2.270E+00	1.137E+02	9.535E+01	1.102E+00
5.700E+03	1.832E-04	3.758E+02	8.227E+01	6.452E+00	2.355E+00	1.269E+02	1.054E+02	1.103E+00
5.800E+03	1.733E-04	4.235E+02	8.454E+01	6.639E+00	2.446E+00	1.333E+02	1.102E+02	1.104E+00
5.900E+03	1.641E-04	4.724E+02	8.682E+01	6.831E+00	2.540E+00	1.360E+02	1.089E+02	1.107E+00
6.000E+03	1.559E-04	5.194E+02	8.898E+01	7.020E+00	2.630E+00	1.236E+02	1.023E+02	1.110E+00
6.100E+03	1.487E-04	5.623E+02	9.091E+01	7.202E+00	2.711E+00	1.103E+02	9.180E+01	1.115E+00
6.200E+03	1.426E-04	5.999E+02	9.258E+01	7.374E+00	2.781E+00	9.487E+01	7.939E+01	1.121E+00
6.300E+03	1.375E-04	6.318E+02	9.397E+01	7.536E+00	2.840E+00	7.966E+01	6.693E+01	1.128E+00
6.400E+03	1.331E-04	6.584E+02	9.517E+01	7.690E+00	2.888E+00	6.621E+01	5.572E+01	1.137E+00
6.500E+03	1.293E-04	6.806E+02	9.617E+01	7.837E+00	2.926E+00	5.521E+01	4.640E+01	1.148E+00
6.600E+03	1.260E-04	6.992E+02	9.684E+01	7.977E+00	2.957E+00	4.674E+01	3.915E+01	1.159E+00
6.700E+03	1.231E-04	7.151E+02	9.749E+01	8.111E+00	2.983E+00	4.058E+01	3.382E+01	1.170E+00
6.800E+03	1.204E-04	7.291E+02	9.806E+01	8.235E+00	3.005E+00	3.635E+01	3.013E+01	1.180E+00
6.900E+03	1.179E-04	7.419E+02	9.857E+01	8.350E+00	3.025E+00	3.366E+01	2.778E+01	1.188E+00
7.000E+03	1.156E-04	7.539E+02	9.904E+01	8.452E+00	3.041E+00	3.221E+01	2.649E+01	1.193E+00
7.100E+03	1.133E-04	7.656E+02	9.949E+01	8.544E+00	3.057E+00	3.171E+01	2.604E+01	1.196E+00
7.200E+03	1.112E-04	7.772E+02	9.994E+01	8.628E+00	3.073E+00	3.196E+01	2.624E+01	1.196E+00
7.300E+03	1.091E-04	7.891E+02	1.004E+02	8.705E+00	3.089E+00	3.281E+01	2.655E+01	1.194E+00
7.400E+03	1.070E-04	8.013E+02	1.008E+02	8.778E+00	3.106E+00	3.413E+01	2.806E+01	1.192E+00
7.500E+03	1.050E-04	8.141E+02	1.017E+02	8.850E+00	3.124E+00	3.584E+01	2.950E+01	1.188E+00
7.600E+03	1.030E-04	8.276E+02	1.027E+02	8.923E+00	3.143E+00	3.786E+01	3.120E+01	1.185E+00
7.700E+03	1.010E-04	8.419E+02	1.023E+02	8.997E+00	3.163E+00	4.015E+01	3.312E+01	1.181E+00
7.800E+03	9.900E-05	8.570E+02	1.028E+02	9.073E+00	3.185E+00	4.265E+01	3.520E+01	1.178E+00
7.900E+03	9.703E-05	8.731E+02	1.034E+02	9.152E+00	3.208E+00	4.532E+01	3.741E+01	1.175E+00
8.000E+03	9.508E-05	8.902E+02	1.040E+02	9.235E+00	3.233E+00	4.814E+01	3.972E+01	1.172E+00
8.200E+03	9.120E-05	9.276E+02	1.052E+02	9.411E+00	3.289E+00	5.405E+01	4.453E+01	1.168E+00



Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0		CP/R	CV/R	GAMMA
8.400E+03	8.737E-05	9.694E+02	1.066E+02	9.601E+00	3.351E+00	6.013E+01	4.941E+01	1.164E+00
8.500E+03	8.360E-05	1.016E+03	1.081E+02	9.805E+00	3.421E+00	6.614E+01	5.417E+01	1.162E+00
8.800E+03	7.992E-05	1.066E+03	1.097E+02	1.002E+01	3.497E+00	7.194E+01	5.871E+01	1.160E+00
9.000E+03	7.634E-05	1.121E+03	1.114E+02	1.025E+01	3.579E+00	7.746E+01	6.301E+01	1.159E+00
9.200E+03	7.290E-05	1.180E+03	1.131E+02	1.048E+01	3.667E+00	8.285E+01	6.720E+01	1.157E+00
9.400E+03	6.959E-05	1.242E+03	1.150E+02	1.072E+01	3.760E+00	8.836E+01	7.150E+01	1.156E+00
9.500E+03	6.641E-05	1.309E+03	1.169E+02	1.097E+01	3.857E+00	9.433E+01	7.613E+01	1.155E+00
9.800E+03	6.337E-05	1.381E+03	1.189E+02	1.122E+01	3.961E+00	1.010E+02	8.136E+01	1.154E+00
1.000E+04	6.043E-05	1.457E+03	1.210E+02	1.149E+01	4.070E+00	1.085E+02	8.713E+01	1.152E+00
1.020E+04	5.761E-05	1.540E+03	1.233E+02	1.176E+01	4.186E+00	1.165E+02	9.327E+01	1.151E+00
1.040E+04	5.488E-05	1.628E+03	1.256E+02	1.204E+01	4.309E+00	1.246E+02	9.944E+01	1.151E+00
1.060E+04	5.227E-05	1.722E+03	1.280E+02	1.234E+01	4.439E+00	1.320E+02	1.048E+02	1.151E+00
1.080E+04	4.979E-05	1.821E+03	1.306E+02	1.265E+01	4.574E+00	1.379E+02	1.091E+02	1.152E+00
1.100E+04	4.744E-05	1.923E+03	1.331E+02	1.297E+01	4.713E+00	1.415E+02	1.117E+02	1.153E+00
1.120E+04	4.525E-05	2.027E+03	1.357E+02	1.329E+01	4.853E+00	1.422E+02	1.121E+02	1.155E+00
1.140E+04	4.323E-05	2.131E+03	1.382E+02	1.351E+01	4.991E+00	1.398E+02	1.102E+02	1.158E+00
1.160E+04	4.139E-05	2.231E+03	1.406E+02	1.393E+01	5.123E+00	1.343E+02	1.000E+02	1.161E+00
1.180E+04	3.973E-05	2.327E+03	1.428E+02	1.425E+01	5.247E+00	1.262E+02	9.986E+01	1.166E+00
1.200E+04	3.824E-05	2.416E+03	1.449E+02	1.456E+01	5.360E+00	1.163E+02	9.220E+01	1.172E+00
1.220E+04	3.692E-05	2.497E+03	1.467E+02	1.486E+01	5.461E+00	1.053E+02	8.364E+01	1.178E+00
1.240E+04	3.574E-05	2.570E+03	1.483E+02	1.515E+01	5.549E+00	9.403E+01	7.478E+01	1.186E+00
1.260E+04	3.470E-05	2.635E+03	1.497E+02	1.544E+01	5.625E+00	8.314E+01	6.610E+01	1.196E+00
1.280E+04	3.377E-05	2.692E+03	1.510E+02	1.572E+01	5.690E+00	7.308E+01	5.799E+01	1.206E+00
1.300E+04	3.294E-05	2.742E+03	1.520E+02	1.600E+01	5.744E+00	6.410E+01	5.068E+01	1.219E+00
1.320E+04	3.219E-05	2.786E+03	1.529E+02	1.628E+01	5.789E+00	5.631E+01	4.427E+01	1.233E+00
1.340E+04	3.150E-05	2.825E+03	1.537E+02	1.655E+01	5.826E+00	4.970E+01	3.879E+01	1.248E+00
1.360E+04	3.083E-05	2.859E+03	1.544E+02	1.683E+01	5.857E+00	4.418E+01	3.418E+01	1.264E+00
1.380E+04	3.030E-05	2.890E+03	1.550E+02	1.710E+01	5.882E+00	3.964E+01	3.038E+01	1.281E+00
1.400E+04	2.976E-05	2.917E+03	1.556E+02	1.737E+01	5.902E+00	3.595E+01	2.727E+01	1.298E+00
1.420E+04	2.926E-05	2.942E+03	1.561E+02	1.763E+01	5.919E+00	3.300E+01	2.479E+01	1.314E+00
1.440E+04	2.878E-05	2.966E+03	1.565E+02	1.787E+01	5.934E+00	3.068E+01	2.283E+01	1.329E+00
1.460E+04	2.833E-05	2.988E+03	1.569E+02	1.810E+01	5.945E+00	2.890E+01	2.133E+01	1.342E+00
1.480E+04	2.790E-05	3.008E+03	1.573E+02	1.831E+01	5.955E+00	2.758E+01	2.023E+01	1.352E+00
1.500E+04	2.749E-05	3.028E+03	1.577E+02	1.850E+01	5.964E+00	2.669E+01	1.949E+01	1.359E+00
1.520E+04	2.709E-05	3.047E+03	1.580E+02	1.865E+01	5.972E+00	2.618E+01	1.909E+01	1.363E+00
1.540E+04	2.671E-05	3.066E+03	1.584E+02	1.878E+01	5.979E+00	2.603E+01	1.899E+01	1.362E+00
1.560E+04	2.634E-05	3.086E+03	1.587E+02	1.899E+01	5.986E+00	2.623E+01	1.921E+01	1.358E+00
1.580E+04	2.598E-05	3.105E+03	1.590E+02	1.919E+01	5.992E+00	2.679E+01	1.974E+01	1.350E+00
1.600E+04	2.562E-05	3.125E+03	1.594E+02	1.901E+01	5.999E+00	2.773E+01	2.060E+01	1.339E+00
1.620E+04	2.528E-05	3.146E+03	1.597E+02	1.904E+01	6.006E+00	2.905E+01	2.180E+01	1.325E+00
1.640E+04	2.493E-05	3.168E+03	1.601E+02	1.906E+01	6.014E+00	3.080E+01	2.336E+01	1.310E+00
1.660E+04	2.460E-05	3.191E+03	1.605E+02	1.907E+01	6.023E+00	3.300E+01	2.522E+01	1.294E+00
1.680E+04	2.426E-05	3.216E+03	1.609E+02	1.909E+01	6.034E+00	3.567E+01	2.769E+01	1.277E+00
1.700E+04	2.393E-05	3.243E+03	1.613E+02	1.910E+01	6.046E+00	3.884E+01	3.048E+01	1.262E+00
1.720E+04	2.360E-05	3.273E+03	1.618E+02	1.912E+01	6.060E+00	4.252E+01	3.371E+01	1.247E+00
1.740E+04	2.326E-05	3.306E+03	1.623E+02	1.915E+01	6.076E+00	4.671E+01	3.736E+01	1.234E+00
1.760E+04	2.293E-05	3.341E+03	1.629E+02	1.920E+01	6.095E+00	5.137E+01	4.140E+01	1.222E+00
1.780E+04	2.259E-05	3.381E+03	1.635E+02	1.926E+01	6.116E+00	5.646E+01	4.578E+01	1.211E+00
1.800E+04	2.225E-05	3.424E+03	1.641E+02	1.934E+01	6.140E+00	6.188E+01	5.042E+01	1.202E+00
1.820E+04	2.191E-05	3.472E+03	1.649E+02	1.942E+01	6.168E+00	6.754E+01	5.523E+01	1.195E+00
1.840E+04	2.156E-05	3.523E+03	1.656E+02	1.953E+01	6.199E+00	7.350E+01	6.008E+01	1.189E+00
1.860E+04	2.122E-05	3.579E+03	1.665E+02	1.965E+01	6.232E+00	7.900E+01	6.486E+01	1.184E+00
1.880E+04	2.087E-05	3.639E+03	1.673E+02	1.978E+01	6.269E+00	8.450E+01	6.943E+01	1.179E+00
1.900E+04	2.052E-05	3.703E+03	1.683E+02	1.992E+01	6.309E+00	8.966E+01	7.369E+01	1.176E+00
1.920E+04	2.017E-05	3.770E+03	1.692E+02	2.006E+01	6.351E+00	9.435E+01	7.755E+01	1.174E+00
1.940E+04	1.982E-05	3.841E+03	1.702E+02	2.022E+01	6.396E+00	9.851E+01	8.095E+01	1.172E+00
1.960E+04	1.948E-05	3.914E+03	1.712E+02	2.039E+01	6.442E+00	1.021E+02	8.389E+01	1.170E+00
1.980E+04	1.914E-05	3.990E+03	1.723E+02	2.055E+01	6.490E+00	1.052E+02	8.640E+01	1.169E+00
2.000E+04	1.881E-05	4.058E+03	1.734E+02	2.072E+01	6.538E+00	1.078E+02	8.855E+01	1.167E+00
2.020E+04	1.848E-05	4.148E+03	1.745E+02	2.090E+01	6.588E+00	1.101E+02	9.047E+01	1.167E+00
2.040E+04	1.816E-05	4.229E+03	1.755E+02	2.107E+01	6.638E+00	1.123E+02	9.229E+01	1.166E+00
2.060E+04	1.785E-05	4.312E+03	1.767E+02	2.124E+01	6.688E+00	1.145E+02	9.419E+01	1.164E+00
2.080E+04	1.755E-05	4.397E+03	1.778E+02	2.141E+01	6.739E+00	1.170E+02	9.631E+01	1.163E+00
2.100E+04	1.725E-05	4.484E+03	1.789E+02	2.158E+01	6.791E+00	1.194E+02	9.882E+01	1.161E+00
2.120E+04	1.695E-05	4.573E+03	1.801E+02	2.175E+01	6.843E+00	1.234E+02	1.019E+02	1.159E+00
2.140E+04	1.667E-05	4.655E+03	1.812E+02	2.192E+01	6.896E+00	1.277E+02	1.055E+02	1.157E+00
2.160E+04	1.638E-05	4.760E+03	1.824E+02	2.208E+01	6.950E+00	1.327E+02	1.098E+02	1.155E+00
2.180E+04	1.610E-05	4.859E+03	1.837E+02	2.225E+01	7.007E+00	1.386E+02	1.147E+02	1.153E+00
2.200E+04	1.582E-05	4.963E+03	1.850E+02	2.243E+01	7.065E+00	1.452E+02	1.203E+02	1.150E+00
2.220E+04	1.555E-05	5.072E+03	1.863E+02	2.260E+01	7.126E+00	1.525E+02	1.263E+02	1.148E+00
2.240E+04	1.527E-05	5.186E+03	1.877E+02	2.279E+01	7.189E+00	1.602E+02	1.326E+02	1.146E+00
2.260E+04	1.500E-05	5.307E+03	1.892E+02	2.298E+01	7.255E+00	1.680E+02	1.390E+02	1.145E+00
2.280E+04	1.473E-05	5.432E+03	1.907E+02	2.318E+01	7.325E+00	1.758E+02	1.453E+02	1.144E+00
2.300E+04	1.446E-05	5.564E+03	1.923E+02	2.338E+01	7.397E+00	1.832E+02	1.512E+02	1.143E+00
2.320E+04	1.419E-05	5.701E+03	1.939E+02	2.360E+01	7.472E+00	1.899E+02	1.564E+02	1.142E+00
2.340E+04	1.392E-05	5.842E+03	1.956E+02	2.382E+01	7.549E+00	1.955E+02	1.608E+02	1.142E+00
2.350E+04	1.366E-05	5.987E+03	1.972E+02	2.405E+01	7.628E+00	1.998E+02	1.642E+02	1.142E+00
2.380E+04	1.341E-05	6.134E+03	1.989E+02	2.428E+01	7.708E+00	2.027E+02	1.663E+02	1.143E+00
2.400E+04	1.316E-05	6.283E+03	2.006E+02	2.452E+01	7.789E+00	2.039E+02	1.671E+02	1.143E+00
2.420E+04	1.292E-05	6.432E+03	2.023E+02	2.476E+01	7.869E+00	2.034E+02	1.666E+02	1.144E+00
2.440E+04	1.268E-05	6.580E+03	2.040E+02	2.500E+01	7.949E+00	2.012E+02	1.647E+02	1.146E+00
2.460E+04	1.246E-05	6.726E+03	2.056E+02	2.525E+01	8.027E+00	1.973E+02	1.615E+02	1.148E+00
2.480E+04	1.224E-05	6.869E+03	2.072E+02	2.550E+01	8.102E+00	1.921E+02	1.572E+02	1.150E+00
2.500E+04	1.203E-05	7.007E+03	2.087E+02	2.574E+01	8.175E+00	1.855E+02	1.518E+02	1.152E+00

Table I. - Continued.

P/P0 = 1.00E-02

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E-02	-1.718E+02	2.612E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.365E-02	-1.705E+02	2.864E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E-03	-1.690E+02	3.033E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E-03	-1.672E+02	3.169E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E-03	-1.653E+02	3.284E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E-03	-1.633E+02	3.385E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E-03	-1.612E+02	3.475E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E-03	-1.590E+02	3.556E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E-03	-1.567E+02	3.630E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E-03	-1.543E+02	3.697E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	2.484E-03	-1.519E+02	3.760E+01	1.909E+00	1.000E+00	6.641E+00	5.641E+00	1.177E+00
1.200E+03	2.277E-03	-1.494E+02	3.818E+01	1.990E+00	1.000E+00	6.764E+00	5.764E+00	1.174E+00
1.300E+03	2.102E-03	-1.469E+02	3.873E+01	2.068E+00	1.000E+00	6.870E+00	5.904E+00	1.170E+00
1.400E+03	1.951E-03	-1.444E+02	3.925E+01	2.142E+00	1.000E+00	7.131E+00	6.121E+00	1.165E+00
1.500E+03	1.820E-03	-1.417E+02	3.975E+01	2.211E+00	1.001E+00	7.539E+00	6.513E+00	1.157E+00
1.600E+03	1.704E-03	-1.388E+02	4.026E+01	2.274E+00	1.002E+00	8.293E+00	7.230E+00	1.146E+00
1.700E+03	1.500E-03	-1.356E+02	4.080E+01	2.332E+00	1.005E+00	9.621E+00	8.486E+00	1.132E+00
1.800E+03	1.503E-03	-1.317E+02	4.141E+01	2.391E+00	1.010E+00	1.180E+01	1.053E+01	1.117E+00
1.900E+03	1.411E-03	-1.268E+02	4.213E+01	2.453E+00	1.019E+00	1.515E+01	1.364E+01	1.104E+00
2.000E+03	1.320E-03	-1.204E+02	4.307E+01	2.524E+00	1.035E+00	1.994E+01	1.802E+01	1.095E+00
2.100E+03	1.229E-03	-1.120E+02	4.414E+01	2.609E+00	1.059E+00	2.632E+01	2.376E+01	1.088E+00
2.200E+03	1.136E-03	-1.009E+02	4.554E+01	2.710E+00	1.093E+00	3.420E+01	3.067E+01	1.086E+00
2.300E+03	1.041E-03	-8.580E+01	4.726E+01	2.830E+00	1.141E+00	4.309E+01	3.825E+01	1.085E+00
2.400E+03	9.468E-04	-6.936E+01	4.929E+01	2.970E+00	1.203E+00	5.214E+01	4.570E+01	1.086E+00
2.500E+03	8.553E-04	-4.874E+01	5.159E+01	3.129E+00	1.278E+00	6.028E+01	5.214E+01	1.089E+00
2.600E+03	7.698E-04	-2.543E+01	5.408E+01	3.304E+00	1.365E+00	6.668E+01	5.696E+01	1.093E+00
2.700E+03	6.924E-04	-1.901E+01	5.668E+01	3.491E+00	1.462E+00	7.079E+01	5.983E+01	1.098E+00
2.800E+03	6.243E-04	2.605E+01	5.929E+01	3.686E+00	1.563E+00	7.198E+01	6.035E+01	1.103E+00
2.900E+03	5.661E-04	5.202E+01	6.178E+01	3.882E+00	1.665E+00	6.913E+01	5.773E+01	1.110E+00
3.000E+03	5.182E-04	7.605E+01	6.400E+01	4.072E+00	1.758E+00	6.136E+01	5.127E+01	1.118E+00
3.100E+03	4.802E-04	9.648E+01	6.583E+01	4.251E+00	1.836E+00	4.973E+01	4.167E+01	1.129E+00
3.200E+03	4.509E-04	1.124E+02	6.721E+01	4.417E+00	1.894E+00	3.726E+01	3.125E+01	1.144E+00
3.300E+03	4.282E-04	1.240E+02	6.819E+01	4.576E+00	1.934E+00	2.678E+01	2.232E+01	1.167E+00
3.400E+03	4.102E-04	1.324E+02	6.887E+01	4.734E+00	1.959E+00	1.932E+01	1.586E+01	1.196E+00
3.500E+03	3.954E-04	1.385E+02	6.936E+01	4.893E+00	1.975E+00	1.452E+01	1.165E+01	1.232E+00
3.600E+03	3.826E-04	1.432E+02	6.972E+01	5.049E+00	1.984E+00	1.159E+01	9.068E+00	1.269E+00
3.700E+03	3.712E-04	1.471E+02	7.001E+01	5.194E+00	1.990E+00	9.842E+00	7.520E+00	1.302E+00
3.800E+03	3.607E-04	1.505E+02	7.026E+01	5.323E+00	1.993E+00	8.802E+00	6.600E+00	1.329E+00
3.900E+03	3.511E-04	1.536E+02	7.048E+01	5.435E+00	1.996E+00	8.185E+00	6.054E+00	1.349E+00
4.000E+03	3.421E-04	1.565E+02	7.068E+01	5.532E+00	1.997E+00	7.823E+00	5.736E+00	1.362E+00
4.100E+03	3.336E-04	1.594E+02	7.088E+01	5.617E+00	1.998E+00	7.626E+00	5.565E+00	1.369E+00
4.200E+03	3.255E-04	1.621E+02	7.106E+01	5.690E+00	1.999E+00	7.552E+00	5.505E+00	1.371E+00
4.300E+03	3.179E-04	1.649E+02	7.124E+01	5.750E+00	1.999E+00	7.596E+00	5.552E+00	1.367E+00
4.400E+03	3.106E-04	1.677E+02	7.141E+01	5.796E+00	2.000E+00	7.788E+00	5.735E+00	1.357E+00
4.500E+03	3.035E-04	1.706E+02	7.159E+01	5.827E+00	2.001E+00	8.200E+00	6.121E+00	1.339E+00
4.600E+03	2.968E-04	1.738E+02	7.178E+01	5.826E+00	2.002E+00	8.961E+00	6.829E+00	1.311E+00
4.700E+03	2.902E-04	1.773E+02	7.199E+01	5.810E+00	2.004E+00	1.028E+01	8.049E+00	1.274E+00
4.800E+03	2.837E-04	1.814E+02	7.222E+01	5.783E+00	2.007E+00	1.247E+01	1.007E+01	1.234E+00
4.900E+03	2.772E-04	1.856E+02	7.251E+01	5.759E+00	2.012E+00	1.597E+01	1.328E+01	1.196E+00
5.000E+03	2.705E-04	1.933E+02	7.289E+01	5.751E+00	2.020E+00	2.137E+01	1.818E+01	1.164E+00
5.100E+03	2.635E-04	2.025E+02	7.338E+01	5.768E+00	2.034E+00	2.932E+01	2.531E+01	1.140E+00
5.200E+03	2.558E-04	2.152E+02	7.405E+01	5.812E+00	2.054E+00	4.040E+01	3.508E+01	1.124E+00
5.300E+03	2.474E-04	2.325E+02	7.496E+01	5.883E+00	2.084E+00	5.483E+01	4.753E+01	1.114E+00
5.400E+03	2.380E-04	2.557E+02	7.614E+01	5.981E+00	2.126E+00	7.214E+01	6.205E+01	1.107E+00
5.500E+03	2.277E-04	2.855E+02	7.763E+01	6.105E+00	2.182E+00	9.091E+01	7.733E+01	1.104E+00
5.600E+03	2.168E-04	3.222E+02	7.944E+01	6.253E+00	2.251E+00	1.088E+02	9.147E+01	1.105E+00
5.700E+03	2.056E-04	3.648E+02	8.150E+01	6.422E+00	2.332E+00	1.231E+02	1.024E+02	1.103E+00
5.800E+03	1.945E-04	4.116E+02	8.372E+01	6.605E+00	2.422E+00	1.313E+02	1.085E+02	1.104E+00
5.900E+03	1.842E-04	4.600E+02	8.598E+01	6.796E+00	2.515E+00	1.320E+02	1.089E+02	1.106E+00
6.000E+03	1.748E-04	5.073E+02	8.815E+01	6.985E+00	2.605E+00	1.255E+02	1.037E+02	1.110E+00
6.100E+03	1.666E-04	5.512E+02	9.013E+01	7.169E+00	2.689E+00	1.135E+02	9.430E+01	1.114E+00
6.200E+03	1.596E-04	5.901E+02	9.186E+01	7.343E+00	2.762E+00	9.875E+01	8.246E+01	1.120E+00
6.300E+03	1.536E-04	6.235E+02	9.332E+01	7.508E+00	2.823E+00	8.356E+01	7.009E+01	1.127E+00
6.400E+03	1.486E-04	6.515E+02	9.452E+01	7.663E+00	2.874E+00	6.970E+01	5.860E+01	1.135E+00
6.500E+03	1.442E-04	6.748E+02	9.551E+01	7.812E+00	2.915E+00	5.810E+01	4.883E+01	1.145E+00
6.600E+03	1.405E-04	6.943E+02	9.633E+01	7.954E+00	2.948E+00	4.899E+01	4.16E+01	1.156E+00
6.700E+03	1.371E-04	7.109E+02	9.701E+01	8.089E+00	2.975E+00	4.221E+01	3.522E+01	1.167E+00
6.800E+03	1.341E-04	7.255E+02	9.750E+01	8.217E+00	2.997E+00	3.744E+01	3.107E+01	1.178E+00
6.900E+03	1.313E-04	7.385E+02	9.812E+01	8.335E+00	3.017E+00	3.430E+01	2.833E+01	1.186E+00
7.000E+03	1.286E-04	7.507E+02	9.860E+01	8.441E+00	3.035E+00	3.247E+01	2.671E+01	1.193E+00
7.100E+03	1.261E-04	7.624E+02	9.905E+01	8.537E+00	3.051E+00	3.166E+01	2.598E+01	1.196E+00
7.200E+03	1.237E-04	7.740E+02	9.949E+01	8.623E+00	3.067E+00	3.164E+01	2.595E+01	1.197E+00
7.300E+03	1.214E-04	7.857E+02	9.993E+01	8.702E+00	3.083E+00	3.226E+01	2.647E+01	1.196E+00
7.400E+03	1.191E-04	7.977E+02	1.004E+02	8.776E+00	3.100E+00	3.339E+01	2.741E+01	1.194E+00
7.500E+03	1.169E-04	8.102E+02	1.008E+02	8.849E+00	3.117E+00	3.492E+01	2.870E+01	1.191E+00
7.600E+03	1.147E-04	8.233E+02	1.013E+02	8.920E+00	3.135E+00	3.678E+01	3.027E+01	1.187E+00
7.700E+03	1.125E-04	8.372E+02	1.018E+02	8.993E+00	3.155E+00	3.892E+01	3.207E+01	1.184E+00
7.800E+03	1.103E-04	8.518E+02	1.023E+02	9.069E+00	3.176E+00	4.129E+01	3.404E+01	1.180E+00
7.900E+03	1.082E-04	8.674E+02	1.029E+02	9.146E+00	3.198E+00	4.384E+01	3.616E+01	1.177E+00
8.000E+03	1.060E-04	8.839E+02	1.034E+02	9.227E+00	3.222E+00	4.655E+01	3.839E+01	1.174E+00
8.200E+03	1.018E-04	9.201E+02	1.047E+02	9.399E+00	3.275E+00	5.228E+01	4.306E+01	1.169E+00

Table I. - Continued.

T	RH/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
8.400E+03	9.753E-05	9.600E+02	1.060E+02	9.585E+00	3.335E+00	5.824E+01	4.785E+01	1.166E+00
8.600E+03	9.338E-05	1.005E+03	1.074E+02	9.785E+00	3.403E+00	6.419E+01	5.258E+01	1.163E+00
8.800E+03	8.932E-05	1.055E+03	1.090E+02	9.997E+00	3.477E+00	6.997E+01	5.711E+01	1.161E+00
9.000E+03	8.537E-05	1.108E+03	1.106E+02	1.022E+01	3.557E+00	7.551E+01	6.143E+01	1.160E+00
9.200E+03	8.155E-05	1.153E+03	1.123E+02	1.045E+01	3.642E+00	8.087E+01	6.559E+01	1.159E+00
9.400E+03	7.788E-05	1.226E+03	1.141E+02	1.069E+01	3.733E+00	8.628E+01	6.980E+01	1.157E+00
9.600E+03	7.436E-05	1.292E+03	1.160E+02	1.093E+01	3.828E+00	9.204E+01	7.429E+01	1.156E+00
9.800E+03	7.097E-05	1.361E+03	1.180E+02	1.118E+01	3.929E+00	9.844E+01	7.927E+01	1.155E+00
1.000E+04	6.772E-05	1.436E+03	1.200E+02	1.144E+01	4.036E+00	1.056E+02	8.478E+01	1.153E+00
1.020E+04	6.458E-05	1.515E+03	1.222E+02	1.171E+01	4.149E+00	1.133E+02	9.072E+01	1.152E+00
1.040E+04	6.150E-05	1.602E+03	1.245E+02	1.199E+01	4.268E+00	1.215E+02	9.672E+01	1.152E+00
1.060E+04	5.866E-05	1.693E+03	1.268E+02	1.229E+01	4.395E+00	1.288E+02	1.023E+02	1.152E+00
1.080E+04	5.589E-05	1.790E+03	1.293E+02	1.259E+01	4.528E+00	1.351E+02	1.069E+02	1.152E+00
1.100E+04	5.326E-05	1.891E+03	1.318E+02	1.290E+01	4.664E+00	1.394E+02	1.100E+02	1.153E+00
1.120E+04	5.080E-05	1.994E+03	1.344E+02	1.322E+01	4.803E+00	1.411E+02	1.112E+02	1.155E+00
1.140E+04	4.852E-05	2.097E+03	1.369E+02	1.354E+01	4.941E+00	1.398E+02	1.101E+02	1.158E+00
1.150E+04	4.643E-05	2.198E+03	1.393E+02	1.386E+01	5.074E+00	1.355E+02	1.066E+02	1.161E+00
1.180E+04	4.454E-05	2.295E+03	1.415E+02	1.418E+01	5.200E+00	1.285E+02	1.015E+02	1.165E+00
1.200E+04	4.284E-05	2.385E+03	1.436E+02	1.449E+01	5.316E+00	1.194E+02	9.448E+01	1.170E+00
1.220E+04	4.132E-05	2.469E+03	1.455E+02	1.479E+01	5.421E+00	1.089E+02	8.640E+01	1.176E+00
1.240E+04	3.997E-05	2.545E+03	1.472E+02	1.509E+01	5.512E+00	9.794E+01	7.779E+01	1.184E+00
1.250E+04	3.877E-05	2.613E+03	1.487E+02	1.538E+01	5.594E+00	8.707E+01	6.917E+01	1.192E+00
1.280E+04	3.770E-05	2.672E+03	1.499E+02	1.566E+01	5.662E+00	7.683E+01	6.097E+01	1.203E+00
1.300E+04	3.675E-05	2.725E+03	1.511E+02	1.594E+01	5.720E+00	6.755E+01	5.346E+01	1.214E+00
1.320E+04	3.589E-05	2.772E+03	1.520E+02	1.621E+01	5.769E+00	5.940E+01	4.678E+01	1.227E+00
1.340E+04	3.511E-05	2.813E+03	1.529E+02	1.649E+01	5.809E+00	5.240E+01	4.101E+01	1.242E+00
1.360E+04	3.439E-05	2.849E+03	1.536E+02	1.676E+01	5.842E+00	4.650E+01	3.610E+01	1.257E+00
1.380E+04	3.374E-05	2.881E+03	1.542E+02	1.703E+01	5.859E+00	4.161E+01	3.201E+01	1.273E+00
1.400E+04	3.313E-05	2.910E+03	1.548E+02	1.730E+01	5.892E+00	3.760E+01	2.865E+01	1.290E+00
1.420E+04	3.256E-05	2.936E+03	1.553E+02	1.756E+01	5.911E+00	3.436E+01	2.592E+01	1.306E+00
1.440E+04	3.202E-05	2.950E+03	1.558E+02	1.781E+01	5.926E+00	3.179E+01	2.375E+01	1.322E+00
1.460E+04	3.152E-05	2.983E+03	1.562E+02	1.805E+01	5.939E+00	2.978E+01	2.207E+01	1.335E+00
1.480E+04	3.103E-05	3.004E+03	1.566E+02	1.827E+01	5.950E+00	2.827E+01	2.080E+01	1.347E+00
1.500E+04	3.057E-05	3.024E+03	1.570E+02	1.846E+01	5.959E+00	2.719E+01	1.990E+01	1.355E+00
1.520E+04	3.013E-05	3.044E+03	1.573E+02	1.863E+01	5.968E+00	2.650E+01	1.934E+01	1.361E+00
1.540E+04	2.970E-05	3.063E+03	1.577E+02	1.878E+01	5.975E+00	2.618E+01	1.910E+01	1.362E+00
1.560E+04	2.928E-05	3.082E+03	1.580E+02	1.889E+01	5.982E+00	2.622E+01	1.917E+01	1.359E+00
1.580E+04	2.888E-05	3.102E+03	1.583E+02	1.898E+01	5.989E+00	2.650E+01	1.955E+01	1.353E+00
1.600E+04	2.849E-05	3.121E+03	1.587E+02	1.904E+01	5.995E+00	2.734E+01	2.024E+01	1.344E+00
1.620E+04	2.810E-05	3.142E+03	1.590E+02	1.908E+01	6.003E+00	2.847E+01	2.126E+01	1.331E+00
1.640E+04	2.772E-05	3.163E+03	1.594E+02	1.911E+01	6.010E+00	2.999E+01	2.262E+01	1.317E+00
1.660E+04	2.735E-05	3.186E+03	1.598E+02	1.912E+01	6.019E+00	3.193E+01	2.437E+01	1.301E+00
1.680E+04	2.698E-05	3.210E+03	1.602E+02	1.914E+01	6.029E+00	3.434E+01	2.650E+01	1.285E+00
1.700E+04	2.661E-05	3.236E+03	1.606E+02	1.915E+01	6.040E+00	3.722E+01	2.905E+01	1.270E+00
1.720E+04	2.625E-05	3.265E+03	1.610E+02	1.917E+01	6.053E+00	4.050E+01	3.201E+01	1.255E+00
1.740E+04	2.588E-05	3.296E+03	1.615E+02	1.920E+01	6.068E+00	4.447E+01	3.540E+01	1.241E+00
1.760E+04	2.552E-05	3.330E+03	1.621E+02	1.924E+01	6.085E+00	4.883E+01	3.918E+01	1.228E+00
1.780E+04	2.515E-05	3.367E+03	1.626E+02	1.929E+01	6.105E+00	5.362E+01	4.332E+01	1.217E+00
1.800E+04	2.478E-05	3.409E+03	1.633E+02	1.936E+01	6.127E+00	5.880E+01	4.776E+01	1.208E+00
1.820E+04	2.440E-05	3.454E+03	1.639E+02	1.944E+01	6.153E+00	6.425E+01	5.241E+01	1.200E+00
1.840E+04	2.402E-05	3.503E+03	1.647E+02	1.954E+01	6.182E+00	6.988E+01	5.777E+01	1.193E+00
1.860E+04	2.364E-05	3.556E+03	1.655E+02	1.965E+01	6.214E+00	7.544E+01	6.192E+01	1.187E+00
1.880E+04	2.326E-05	3.613E+03	1.663E+02	1.977E+01	6.249E+00	8.108E+01	6.654E+01	1.182E+00
1.900E+04	2.288E-05	3.675E+03	1.672E+02	1.990E+01	6.287E+00	8.637E+01	7.092E+01	1.179E+00
1.920E+04	2.249E-05	3.740E+03	1.681E+02	2.004E+01	6.327E+00	9.128E+01	7.497E+01	1.176E+00
1.940E+04	2.211E-05	3.808E+03	1.691E+02	2.020E+01	6.370E+00	9.571E+01	7.860E+01	1.173E+00
1.960E+04	2.173E-05	3.880E+03	1.701E+02	2.036E+01	6.415E+00	9.951E+01	8.179E+01	1.172E+00
1.980E+04	2.136E-05	3.954E+03	1.711E+02	2.052E+01	6.462E+00	1.030E+02	8.455E+01	1.170E+00
2.000E+04	2.099E-05	4.030E+03	1.722E+02	2.069E+01	6.509E+00	1.059E+02	8.692E+01	1.169E+00
2.020E+04	2.063E-05	4.109E+03	1.732E+02	2.086E+01	6.558E+00	1.084E+02	8.900E+01	1.168E+00
2.040E+04	2.027E-05	4.189E+03	1.743E+02	2.103E+01	6.608E+00	1.107E+02	9.091E+01	1.167E+00
2.060E+04	1.993E-05	4.271E+03	1.754E+02	2.121E+01	6.658E+00	1.129E+02	9.280E+01	1.166E+00
2.080E+04	1.959E-05	4.355E+03	1.765E+02	2.138E+01	6.708E+00	1.153E+02	9.481E+01	1.164E+00
2.100E+04	1.925E-05	4.440E+03	1.776E+02	2.155E+01	6.759E+00	1.180E+02	9.711E+01	1.163E+00
2.120E+04	1.893E-05	4.527E+03	1.788E+02	2.171E+01	6.810E+00	1.211E+02	9.964E+01	1.161E+00
2.140E+04	1.861E-05	4.617E+03	1.799E+02	2.188E+01	6.863E+00	1.249E+02	1.031E+02	1.159E+00
2.160E+04	1.829E-05	4.711E+03	1.811E+02	2.205E+01	6.916E+00	1.295E+02	1.070E+02	1.157E+00
2.180E+04	1.798E-05	4.807E+03	1.823E+02	2.222E+01	6.971E+00	1.348E+02	1.114E+02	1.155E+00
2.200E+04	1.767E-05	4.908E+03	1.836E+02	2.239E+01	7.028E+00	1.409E+02	1.165E+02	1.152E+00
2.220E+04	1.737E-05	5.014E+03	1.849E+02	2.256E+01	7.087E+00	1.476E+02	1.222E+02	1.150E+00
2.240E+04	1.707E-05	5.125E+03	1.862E+02	2.274E+01	7.149E+00	1.549E+02	1.292E+02	1.148E+00
2.260E+04	1.678E-05	5.241E+03	1.876E+02	2.293E+01	7.211E+00	1.625E+02	1.344E+02	1.146E+00
2.280E+04	1.646E-05	5.363E+03	1.891E+02	2.312E+01	7.280E+00	1.702E+02	1.406E+02	1.145E+00
2.300E+04	1.616E-05	5.490E+03	1.906E+02	2.332E+01	7.350E+00	1.777E+02	1.466E+02	1.144E+00
2.320E+04	1.587E-05	5.623E+03	1.922E+02	2.353E+01	7.423E+00	1.846E+02	1.521E+02	1.143E+00
2.340E+04	1.557E-05	5.760E+03	1.938E+02	2.375E+01	7.498E+00	1.908E+02	1.570E+02	1.143E+00
2.360E+04	1.529E-05	5.902E+03	1.955E+02	2.397E+01	7.575E+00	1.958E+02	1.609E+02	1.143E+00
2.380E+04	1.500E-05	6.047E+03	1.971E+02	2.420E+01	7.654E+00	1.995E+02	1.637E+02	1.143E+00
2.400E+04	1.472E-05	6.194E+03	1.988E+02	2.444E+01	7.734E+00	2.017E+02	1.653E+02	1.144E+00
2.420E+04	1.445E-05	6.342E+03	2.005E+02	2.467E+01	7.814E+00	2.023E+02	1.657E+02	1.144E+00
2.440E+04	1.419E-05	6.490E+03	2.021E+02	2.491E+01	7.893E+00	2.013E+02	1.647E+02	1.146E+00
2.460E+04	1.393E-05	6.636E+03	2.038E+02	2.516E+01	7.972E+00	1.986E+02	1.624E+02	1.147E+00
2.480E+04	1.369E-05	6.780E+03	2.054E+02	2.540E+01	8.049E+00	1.944E+02	1.589E+02	1.149E+00
2.500E+04	1.346E-05	6.920E+03	2.069E+02	2.565E+01	8.123E+00	1.888E+02	1.543E+02	1.152E+00

Table I. - Continued.

P/P0 = 2.00E-02

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E-02	-1.718E+02	2.543E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E-02	-1.705E+02	2.795E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E-02	-1.690E+02	2.964E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E-02	-1.672E+02	3.100E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.093E-02	-1.653E+02	3.215E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E-03	-1.633E+02	3.316E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E-03	-1.612E+02	3.405E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E-03	-1.590E+02	3.486E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E-03	-1.567E+02	3.560E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E-03	-1.543E+02	3.628E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	4.969E-03	-1.519E+02	3.691E+01	1.909E+00	1.000E+00	6.640E+00	5.640E+00	1.177E+00
1.200E+03	4.554E-03	-1.494E+02	3.749E+01	1.991E+00	1.000E+00	6.759E+00	5.759E+00	1.174E+00
1.300E+03	4.204E-03	-1.469E+02	3.804E+01	2.069E+00	1.000E+00	6.892E+00	5.892E+00	1.170E+00
1.400E+03	3.903E-03	-1.444E+02	3.855E+01	2.143E+00	1.000E+00	7.085E+00	6.077E+00	1.166E+00
1.500E+03	3.641E-03	-1.417E+02	3.905E+01	2.212E+00	1.001E+00	7.422E+00	6.401E+00	1.159E+00
1.600E+03	3.410E-03	-1.389E+02	3.955E+01	2.277E+00	1.002E+00	8.032E+00	6.982E+00	1.150E+00
1.700E+03	3.202E-03	-1.358E+02	4.007E+01	2.336E+00	1.004E+00	9.096E+00	7.989E+00	1.137E+00
1.800E+03	3.012E-03	-1.322E+02	4.063E+01	2.394E+00	1.008E+00	1.084E+01	9.626E+00	1.123E+00
1.900E+03	2.833E-03	-1.277E+02	4.128E+01	2.455E+00	1.015E+00	1.352E+01	1.212E+01	1.110E+00
2.000E+03	2.659E-03	-1.221E+02	4.207E+01	2.522E+00	1.028E+00	1.737E+01	1.566E+01	1.100E+00
2.100E+03	2.488E-03	-1.149E+02	4.304E+01	2.599E+00	1.047E+00	2.256E+01	2.035E+01	1.093E+00
2.200E+03	2.312E-03	-1.055E+02	4.423E+01	2.651E+00	1.075E+00	2.908E+01	2.612E+01	1.089E+00
2.300E+03	2.134E-03	-9.344E+01	4.569E+01	2.796E+00	1.113E+00	3.666E+01	3.268E+01	1.087E+00
2.400E+03	1.956E-03	-7.854E+01	4.742E+01	2.924E+00	1.164E+00	4.474E+01	3.944E+01	1.088E+00
2.500E+03	1.781E-03	-6.072E+01	4.941E+01	3.067E+00	1.228E+00	5.250E+01	4.571E+01	1.090F+00
2.600E+03	1.614E-03	-4.024E+01	5.160E+01	3.227E+00	1.303E+00	5.913E+01	5.084E+01	1.093E+00
2.700E+03	1.459E-03	-1.763E+01	5.393E+01	3.400E+00	1.387E+00	6.409E+01	5.448E+01	1.097E+00
2.800E+03	1.320E-03	6.448E+00	5.632E+01	3.583E+00	1.479E+00	6.706E+01	5.645E+01	1.102E+00
2.900E+03	1.197E-03	3.118E+01	5.869E+01	3.771E+00	1.574E+00	6.757E+01	5.646E+01	1.107E+00
3.000E+03	1.092E-03	5.551E+01	6.094E+01	3.960E+00	1.669E+00	6.472E+01	5.387E+01	1.114E+00
3.100E+03	1.004E-03	7.808E+01	6.297E+01	4.144E+00	1.756E+00	5.789E+01	4.819E+01	1.122E+00
3.200E+03	9.338E-04	9.751E+01	6.465E+01	4.318E+00	1.829E+00	4.789E+01	3.995E+01	1.132E+00
3.300E+03	8.783E-04	1.130E+02	6.596E+01	4.481E+00	1.886E+00	3.698E+01	3.087E+01	1.147E+00
3.400E+03	8.347E-04	1.243E+02	6.692E+01	4.637E+00	1.926E+00	2.743E+01	2.279E+01	1.167E+00
3.500E+03	7.998E-04	1.334E+02	6.760E+01	4.790E+00	1.953E+00	2.028E+01	1.664E+01	1.194E+00
3.600E+03	7.708E-04	1.399E+02	6.810E+01	4.944E+00	1.970E+00	1.544E+01	1.242E+01	1.225E+00
3.700E+03	7.459E-04	1.449E+02	6.848E+01	5.095E+00	1.980E+00	1.234E+01	7.706E+00	1.259E+00
3.800E+03	7.238E-04	1.491E+02	6.878E+01	5.238E+00	1.987E+00	1.041E+01	8.007E+00	1.292E+00
3.900E+03	7.037E-04	1.527E+02	6.903E+01	5.368E+00	1.991E+00	9.217E+00	6.959E+00	1.319E+00
4.000E+03	6.852E-04	1.559E+02	6.926E+01	5.483E+00	1.994E+00	8.483E+00	6.315E+00	1.340E+00
4.100E+03	6.678E-04	1.589E+02	6.946E+01	5.583E+00	1.996E+00	8.041E+00	5.926E+00	1.354E+00
4.200E+03	6.515E-04	1.618E+02	6.965E+01	5.671E+00	1.997E+00	7.746E+00	5.705E+00	1.363E+00
4.300E+03	6.361E-04	1.645E+02	6.983E+01	5.747E+00	1.998E+00	7.668E+00	5.606E+00	1.366E+00
4.400E+03	6.214E-04	1.674E+02	7.001E+01	5.810E+00	1.999E+00	7.674E+00	5.619E+00	1.364E+00
4.500E+03	6.074E-04	1.703E+02	7.018E+01	5.859E+00	2.000E+00	7.822E+00	5.763E+00	1.356E+00
4.600E+03	5.940E-04	1.732E+02	7.036E+01	5.891E+00	2.000E+00	8.157E+00	6.086E+00	1.341E+00
4.700E+03	5.810E-04	1.763E+02	7.054E+01	5.902E+00	2.001E+00	8.807E+00	6.682E+00	1.316E+00
4.800E+03	5.685E-04	1.797E+02	7.074E+01	5.893E+00	2.003E+00	9.904E+00	7.697E+00	1.284E+00
4.900E+03	5.561E-04	1.830E+02	7.096E+01	5.972E+00	2.006E+00	1.170E+01	9.349E+00	1.247E+00
5.000E+03	5.438E-04	1.884E+02	7.122E+01	5.850E+00	2.010E+00	1.453E+01	1.194E+01	1.210E+00
5.100E+03	5.313E-04	1.944E+02	7.155E+01	5.839E+00	2.017E+00	1.883E+01	1.585E+01	1.178E+00
5.200E+03	5.182E-04	2.024E+02	7.197E+01	5.847E+00	2.028E+00	2.513E+01	2.151E+01	1.153E+00
5.300E+03	5.043E-04	2.131E+02	7.253E+01	5.880E+00	2.045E+00	3.392E+01	2.931E+01	1.134E+00
5.400E+03	4.892E-04	2.276E+02	7.327E+01	5.937E+00	2.069E+00	4.553E+01	3.940E+01	1.122E+00
5.500E+03	4.726E-04	2.468E+02	7.423E+01	6.019E+00	2.103E+00	5.984E+01	5.155E+01	1.114E+00
5.600E+03	4.544E-04	2.717E+02	7.545E+01	6.126E+00	2.148E+00	7.610E+01	6.497E+01	1.109E+00
5.700E+03	4.348E-04	3.026E+02	7.695E+01	6.256E+00	2.205E+00	9.281E+01	7.836E+01	1.107E+00
5.800E+03	4.142E-04	3.394E+02	7.869E+01	6.407E+00	2.275E+00	1.079E+02	9.013E+01	1.106E+00
5.900E+03	3.935E-04	3.812E+02	8.064E+01	6.575E+00	2.354E+00	1.193E+02	9.872E+01	1.107E+00
6.000E+03	3.733E-04	4.261E+02	8.270E+01	6.755E+00	2.440E+00	1.250E+02	1.030E+02	1.108E+00
6.100E+03	3.545E-04	4.719E+02	8.478E+01	6.940E+00	2.528E+00	1.745E+02	1.023E+02	1.110E+00
6.200E+03	3.375E-04	5.165E+02	8.675E+01	7.123E+00	2.612E+00	1.180E+02	9.724E+01	1.114E+00
6.300E+03	3.225E-04	5.578E+02	8.856E+01	7.301E+00	2.690E+00	1.072E+02	8.812E+01	1.118E+00
6.400E+03	3.093E-04	5.947E+02	9.015E+01	7.471E+00	2.759E+00	9.411E+01	7.826E+01	1.124E+00
6.500E+03	2.984E-04	6.267E+02	9.150E+01	7.622E+00	2.818E+00	8.084E+01	6.733E+01	1.130E+00
6.600E+03	2.889E-04	6.539E+02	9.264E+01	7.784E+00	2.866E+00	6.821E+01	5.707E+01	1.139E+00
6.700E+03	2.806E-04	6.768E+02	9.358E+01	7.930E+00	2.907E+00	5.758E+01	4.817E+01	1.148E+00
6.800E+03	2.734E-04	6.963E+02	9.437E+01	8.071E+00	2.939E+00	4.901E+01	4.091E+01	1.158E+00
6.900E+03	2.670E-04	7.130E+02	9.503E+01	8.205E+00	2.967E+00	4.245E+01	3.529E+01	1.169E+00
7.000E+03	2.612E-04	7.276E+02	9.561E+01	8.333E+00	2.989E+00	3.765E+01	3.114E+01	1.180E+00
7.100E+03	2.558E-04	7.407E+02	9.612E+01	8.452E+00	3.009E+00	3.432E+01	2.825E+01	1.185E+00
7.200E+03	2.508E-04	7.529E+02	9.658E+01	8.561E+00	3.027E+00	3.220E+01	2.640E+01	1.196E+00
7.300E+03	2.460E-04	7.644E+02	9.701E+01	8.660E+00	3.043E+00	3.104E+01	2.537E+01	1.200E+00
7.400E+03	2.415E-04	7.757E+02	9.743E+01	8.750E+00	3.058E+00	3.063E+01	2.500E+01	1.203E+00
7.500E+03	2.371E-04	7.869E+02	9.785E+01	8.832E+00	3.074E+00	3.084E+01	2.516E+01	1.203E+00
7.600E+03	2.328E-04	7.983E+02	9.826E+01	8.908E+00	3.089E+00	3.153E+01	2.573E+01	1.202E+00
7.700E+03	2.288E-04	8.101E+02	9.868E+01	8.980E+00	3.105E+00	3.262E+01	2.665E+01	1.199E+00
7.800E+03	2.245E-04	8.222E+02	9.911E+01	9.051E+00	3.122E+00	3.404E+01	2.783E+01	1.196E+00
7.900E+03	2.204E-04	8.350E+02	9.955E+01	9.122E+00	3.139E+00	3.572E+01	2.924E+01	1.193E+00
8.000E+03	2.164E-04	8.484E+02	1.000E+02	9.194E+00	3.158E+00	3.763E+01	3.083E+01	1.190E+00
8.200E+03	2.084E-04	8.775E+02	1.010E+02	9.344E+00	3.199E+00	4.197E+01	3.443E+01	1.183E+00

Table I. - Continued.

T	PHQ/RHO-Q	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	2.005E-04	9.100E+02	1.021E+02	9.505E+00	3.245E+00	4.684E+01	3.841E+01	1.178E+00
8.600E+03	1.927E-04	9.462E+02	1.032E+02	9.677E+00	3.298E+00	5.204E+01	4.260E+01	1.174E+00
8.800E+03	1.850E-04	9.863E+02	1.045E+02	9.862E+00	3.357E+00	5.739E+01	4.685E+01	1.171E+00
9.000E+03	1.775E-04	1.030E+03	1.058E+02	1.006E+01	3.421E+00	6.274E+01	5.107E+01	1.168E+00
9.200E+03	1.701E-04	1.078E+03	1.073E+02	1.027E+01	3.492E+00	6.800E+01	5.517E+01	1.166E+00
9.400E+03	1.629E-04	1.130E+03	1.088E+02	1.048E+01	3.569E+00	7.313E+01	5.915E+01	1.165E+00
9.600E+03	1.560E-04	1.185E+03	1.104E+02	1.071E+01	3.650E+00	7.821E+01	6.307E+01	1.164E+00
9.800E+03	1.493E-04	1.244E+03	1.120E+02	1.094E+01	3.736E+00	8.339E+01	6.707E+01	1.162E+00
1.000E+04	1.428E-04	1.307E+03	1.138E+02	1.118E+01	3.827E+00	8.885E+01	7.129E+01	1.161E+00
1.020E+04	1.366E-04	1.375E+03	1.156E+02	1.143E+01	3.923E+00	9.476E+01	7.584E+01	1.160E+00
1.040E+04	1.305E-04	1.446E+03	1.175E+02	1.168E+01	4.024E+00	1.012E+02	8.074E+01	1.159E+00
1.060E+04	1.248E-04	1.523E+03	1.195E+02	1.194E+01	4.131E+00	1.080E+02	8.589E+01	1.158E+00
1.080E+04	1.192E-04	1.604E+03	1.216E+02	1.221E+01	4.244E+00	1.149E+02	9.106E+01	1.157E+00
1.100E+04	1.139E-04	1.691E+03	1.237E+02	1.250E+01	4.362E+00	1.214E+02	9.589E+01	1.157E+00
1.120E+04	1.088E-04	1.782E+03	1.260E+02	1.279E+01	4.486E+00	1.270E+02	1.000E+02	1.158E+00
1.140E+04	1.039E-04	1.877E+03	1.283E+02	1.309E+01	4.613E+00	1.311E+02	1.030E+02	1.158E+00
1.160E+04	9.934E-05	1.974E+03	1.306E+02	1.340E+01	4.743E+00	1.333E+02	1.045E+02	1.160E+00
1.180E+04	9.507E-05	2.071E+03	1.329E+02	1.371E+01	4.872E+00	1.332E+02	1.043E+02	1.162E+00
1.200E+04	9.112E-05	2.169E+03	1.351E+02	1.402E+01	4.998E+00	1.306E+02	1.023E+02	1.165E+00
1.220E+04	8.750E-05	2.262E+03	1.372E+02	1.433E+01	5.120E+00	1.257E+02	9.656E+01	1.169E+00
1.240E+04	8.421E-05	2.352E+03	1.392E+02	1.463E+01	5.234E+00	1.189E+02	9.334E+01	1.173E+00
1.260E+04	8.125E-05	2.436E+03	1.410E+02	1.493E+01	5.335E+00	1.105E+02	8.696E+01	1.178E+00
1.280E+04	7.858E-05	2.513E+03	1.427E+02	1.522E+01	5.434E+00	1.013E+02	7.985E+01	1.184E+00
1.300E+04	7.619E-05	2.584E+03	1.442E+02	1.551E+01	5.518E+00	9.177E+01	7.242E+01	1.192E+00
1.320E+04	7.404E-05	2.648E+03	1.455E+02	1.579E+01	5.592E+00	8.241E+01	6.504E+01	1.200E+00
1.340E+04	7.211E-05	2.705E+03	1.467E+02	1.606E+01	5.656E+00	7.358E+01	5.800E+01	1.210E+00
1.360E+04	7.037E-05	2.756E+03	1.477E+02	1.633E+01	5.711E+00	6.551E+01	5.151E+01	1.220E+00
1.380E+04	6.880E-05	2.801E+03	1.486E+02	1.659E+01	5.757E+00	5.834E+01	4.568E+01	1.232E+00
1.400E+04	6.736E-05	2.841E+03	1.494E+02	1.686E+01	5.796E+00	5.209E+01	4.057E+01	1.245E+00
1.420E+04	6.603E-05	2.877E+03	1.501E+02	1.712E+01	5.829E+00	4.675E+01	3.616E+01	1.259E+00
1.440E+04	6.481E-05	2.910E+03	1.507E+02	1.738E+01	5.856E+00	4.223E+01	3.241E+01	1.274E+00
1.460E+04	6.367E-05	2.939E+03	1.513E+02	1.764E+01	5.879E+00	3.847E+01	2.929E+01	1.289E+00
1.480E+04	6.260E-05	2.966E+03	1.518E+02	1.789E+01	5.899E+00	3.538E+01	2.671E+01	1.303E+00
1.500E+04	6.160E-05	2.991E+03	1.523E+02	1.813E+01	5.915E+00	3.288E+01	2.462E+01	1.317E+00
1.520E+04	6.065E-05	3.015E+03	1.527E+02	1.836E+01	5.929E+00	3.090E+01	2.296E+01	1.329E+00
1.540E+04	5.974E-05	3.037E+03	1.531E+02	1.857E+01	5.941E+00	2.937E+01	2.169E+01	1.340E+00
1.560E+04	5.887E-05	3.058E+03	1.534E+02	1.876E+01	5.951E+00	2.825E+01	2.076E+01	1.348E+00
1.580E+04	5.804E-05	3.078E+03	1.538E+02	1.893E+01	5.960E+00	2.750E+01	2.016E+01	1.355E+00
1.600E+04	5.723E-05	3.098E+03	1.541E+02	1.908E+01	5.969E+00	2.710E+01	1.985E+01	1.355E+00
1.620E+04	5.645E-05	3.118E+03	1.545E+02	1.920E+01	5.976E+00	2.703E+01	1.983E+01	1.355E+00
1.640E+04	5.570E-05	3.138E+03	1.548E+02	1.930E+01	5.984E+00	2.728E+01	2.009E+01	1.349E+00
1.660E+04	5.496E-05	3.158E+03	1.551E+02	1.937E+01	5.991E+00	2.787E+01	2.064E+01	1.341E+00
1.680E+04	5.423E-05	3.179E+03	1.555E+02	1.942E+01	5.998E+00	2.880E+01	2.149E+01	1.331E+00
1.700E+04	5.353E-05	3.200E+03	1.558E+02	1.946E+01	6.006E+00	3.008E+01	2.265E+01	1.319E+00
1.720E+04	5.283E-05	3.223E+03	1.562E+02	1.949E+01	6.015E+00	3.174E+01	2.413E+01	1.306E+00
1.740E+04	5.214E-05	3.247E+03	1.566E+02	1.951E+01	6.025E+00	3.379E+01	2.594E+01	1.291E+00
1.760E+04	5.145E-05	3.273E+03	1.570E+02	1.954E+01	6.035E+00	3.625E+01	2.811E+01	1.277E+00
1.780E+04	5.077E-05	3.300E+03	1.574E+02	1.956E+01	6.048E+00	3.913E+01	3.064E+01	1.263E+00
1.800E+04	5.009E-05	3.330E+03	1.578E+02	1.959E+01	6.061E+00	4.243E+01	3.352E+01	1.250E+00
1.820E+04	4.941E-05	3.362E+03	1.583E+02	1.963E+01	6.077E+00	4.615E+01	3.674E+01	1.238E+00
1.840E+04	4.873E-05	3.398E+03	1.589E+02	1.968E+01	6.095E+00	5.026E+01	4.029E+01	1.228E+00
1.860E+04	4.805E-05	3.436E+03	1.594E+02	1.974E+01	6.116E+00	5.471E+01	4.410E+01	1.218E+00
1.880E+04	4.736E-05	3.478E+03	1.600E+02	1.982E+01	6.139E+00	5.946E+01	4.814E+01	1.210E+00
1.900E+04	4.666E-05	3.523E+03	1.607E+02	1.990E+01	6.164E+00	6.441E+01	5.233E+01	1.202E+00
1.920E+04	4.597E-05	3.572E+03	1.614E+02	2.000E+01	6.193E+00	6.947E+01	5.659E+01	1.196E+00
1.940E+04	4.527E-05	3.625E+03	1.621E+02	2.011E+01	6.224E+00	7.454E+01	6.083E+01	1.191E+00
1.960E+04	4.456E-05	3.681E+03	1.629E+02	2.024E+01	6.258E+00	7.952E+01	6.495E+01	1.187E+00
1.980E+04	4.385E-05	3.741E+03	1.638E+02	2.037E+01	6.294E+00	8.430E+01	6.890E+01	1.183E+00
2.000E+04	4.315E-05	3.805E+03	1.646E+02	2.051E+01	6.333E+00	8.879E+01	7.258E+01	1.180E+00
2.020E+04	4.245E-05	3.871E+03	1.655E+02	2.066E+01	6.373E+00	9.294E+01	7.597E+01	1.178E+00
2.040E+04	4.176E-05	3.941E+03	1.665E+02	2.081E+01	6.416E+00	9.671E+01	7.905E+01	1.176E+00
2.060E+04	4.107E-05	4.013E+03	1.674E+02	2.097E+01	6.460E+00	1.001E+02	8.181E+01	1.174E+00
2.080E+04	4.039E-05	4.087E+03	1.684E+02	2.113E+01	6.506E+00	1.031E+02	8.430E+01	1.173E+00
2.100E+04	3.972E-05	4.164E+03	1.694E+02	2.130E+01	6.553E+00	1.059E+02	8.660E+01	1.172E+00
2.120E+04	3.905E-05	4.242E+03	1.704E+02	2.146E+01	6.600E+00	1.086E+02	8.877E+01	1.170E+00
2.140E+04	3.841E-05	4.323E+03	1.715E+02	2.163E+01	6.649E+00	1.112E+02	9.094E+01	1.169E+00
2.160E+04	3.778E-05	4.405E+03	1.725E+02	2.180E+01	6.698E+00	1.139E+02	9.320E+01	1.168E+00
2.180E+04	3.716E-05	4.490E+03	1.736E+02	2.197E+01	6.747E+00	1.168E+02	9.568E+01	1.166E+00
2.200E+04	3.654E-05	4.576E+03	1.747E+02	2.213E+01	6.798E+00	1.201E+02	9.845E+01	1.164E+00
2.220E+04	3.594E-05	4.665E+03	1.758E+02	2.230E+01	6.849E+00	1.238E+02	1.016E+02	1.162E+00
2.240E+04	3.535E-05	4.758E+03	1.769E+02	2.247E+01	6.902E+00	1.281E+02	1.052E+02	1.161E+00
2.260E+04	3.477E-05	4.853E+03	1.780E+02	2.264E+01	6.956E+00	1.329E+02	1.092E+02	1.159E+00
2.280E+04	3.419E-05	4.952E+03	1.792E+02	2.281E+01	7.012E+00	1.383E+02	1.137E+02	1.157E+00
2.300E+04	3.361E-05	5.056E+03	1.805E+02	2.298E+01	7.069E+00	1.441E+02	1.185E+02	1.155E+00
2.320E+04	3.304E-05	5.164E+03	1.817E+02	2.316E+01	7.129E+00	1.504E+02	1.236E+02	1.153E+00
2.340E+04	3.248E-05	5.276E+03	1.831E+02	2.335E+01	7.191E+00	1.568E+02	1.288E+02	1.151E+00
2.360E+04	3.192E-05	5.393E+03	1.844E+02	2.354E+01	7.255E+00	1.633E+02	1.341E+02	1.150E+00
2.380E+04	3.136E-05	5.515E+03	1.858E+02	2.374E+01	7.322E+00	1.696E+02	1.391E+02	1.149E+00
2.400E+04	3.081E-05	5.642E+03	1.873E+02	2.394E+01	7.391E+00	1.755E+02	1.448E+02	1.149E+00
2.420E+04	3.027E-05	5.772E+03	1.888E+02	2.415E+01	7.462E+00	1.809E+02	1.480E+02	1.148E+00
2.440E+04	2.973E-05	5.906E+03	1.903E+02	2.437E+01	7.535E+00	1.854E+02	1.515E+02	1.148E+00
2.460E+04	2.920E-05	6.043E+03	1.918E+02	2.459E+01	7.609E+00	1.889E+02	1.542E+02	1.148E+00
2.480E+04	2.868E-05	6.183E+03	1.933E+02	2.481E+01	7.684E+00	1.912E+02	1.559E+02	1.149E+00
2.500E+04	2.817E-05	6.323E+03	1.949E+02	2.504E+01	7.760E+00	1.923E+02	1.566E+02	1.149E+00

Table I. - Continued.

P/PO = 3.00E-02

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E-02	-1.718E+02	2.502E+01	5.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E-02	-1.705E+02	2.754E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	2.723E-02	-1.690E+02	2.923E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E-02	-1.672E+02	3.059E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E-02	-1.653E+02	3.174E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E-02	-1.633E+02	3.275E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E-02	-1.612E+02	3.365E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E-02	-1.590E+02	3.446E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E-03	-1.567E+02	3.520E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E-03	-1.543E+02	3.588E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	7.453E-03	-1.519E+02	3.650E+01	1.909E+00	1.000E+00	6.640E+00	5.639E+00	1.177E+00
1.200E+03	6.832E-03	-1.494E+02	3.708E+01	1.991E+00	1.000E+00	6.757E+00	5.757E+00	1.174E+00
1.300E+03	6.306E-03	-1.469E+02	3.763E+01	2.069E+00	1.000E+00	6.868E+00	5.868E+00	1.170E+00
1.400E+03	5.855E-03	-1.444E+02	3.815E+01	2.143E+00	1.000E+00	7.062E+00	6.062E+00	1.166E+00
1.500E+03	5.462E-03	-1.418E+02	3.864E+01	2.213E+00	1.001E+00	7.363E+00	6.363E+00	1.160E+00
1.600E+03	5.116E-03	-1.390E+02	3.913E+01	2.278E+00	1.001E+00	7.905E+00	6.861E+00	1.151E+00
1.700E+03	4.806E-03	-1.359E+02	3.964E+01	2.339E+00	1.003E+00	8.841E+00	7.747E+00	1.140E+00
1.800E+03	4.523E-03	-1.324E+02	4.018E+01	2.397E+00	1.007E+00	1.037E+01	9.185E+00	1.127E+00
1.900E+03	4.257E-03	-1.282E+02	4.080E+01	2.456E+00	1.014E+00	1.272E+01	1.137E+01	1.114E+00
2.000E+03	4.002E-03	-1.230E+02	4.154E+01	2.521E+00	1.024E+00	1.611E+01	1.449E+01	1.103E+00
2.100E+03	3.750E-03	-1.163E+02	4.243E+01	2.595E+00	1.041E+00	2.069E+01	1.865E+01	1.095E+00
2.200E+03	3.497E-03	-1.077E+02	4.352E+01	2.682E+00	1.056E+00	2.653E+01	2.382E+01	1.091E+00
2.300E+03	3.241E-03	-9.675E+01	4.485E+01	2.783E+00	1.100E+00	3.337E+01	2.979E+01	1.089E+00
2.400E+03	2.983E-03	-8.317E+01	4.642E+01	2.901E+00	1.145E+00	4.084E+01	3.611E+01	1.089E+00
2.500E+03	2.728E-03	-6.885E+01	4.824E+01	3.036E+00	1.202E+00	4.825E+01	4.216E+01	1.090E+00
2.600E+03	2.482E-03	-4.795E+01	5.027E+01	3.187E+00	1.270E+00	5.844E+01	4.734E+01	1.093E+00
2.700E+03	2.252E-03	-2.586E+01	5.244E+01	3.351E+00	1.348E+00	6.006E+01	5.124E+01	1.097E+00
2.800E+03	2.042E-03	-4.171E+00	5.469E+01	3.526E+00	1.434E+00	6.361E+01	5.371E+01	1.101E+00
2.900E+03	1.855E-03	1.944E+01	5.696E+01	3.709E+00	1.524E+00	6.524E+01	5.462E+01	1.106E+00
3.000E+03	1.691E-03	4.330E+01	5.917E+01	3.894E+00	1.616E+00	6.437E+01	5.357E+01	1.112E+00
3.100E+03	1.552E-03	6.621E+01	6.122E+01	4.078E+00	1.704E+00	6.022E+01	5.000E+01	1.119E+00
3.200E+03	1.437E-03	8.597E+01	6.302E+01	4.255E+00	1.783E+00	5.266E+01	4.375E+01	1.128E+00
3.300E+03	1.344E-03	1.045E+02	6.449E+01	4.422E+00	1.848E+00	4.291E+01	3.572E+01	1.140E+00
3.400E+03	1.270E-03	1.184E+02	6.563E+01	4.580E+00	1.898E+00	3.307E+01	2.750E+01	1.155E+00
3.500E+03	1.212E-03	1.289E+02	6.646E+01	4.732E+00	1.933E+00	2.482E+01	2.050E+01	1.177E+00
3.600E+03	1.164E-03	1.368E+02	6.707E+01	4.882E+00	1.955E+00	1.873E+01	1.526E+01	1.203E+00
3.700E+03	1.124E-03	1.429E+02	6.752E+01	5.033E+00	1.971E+00	1.459E+01	1.166E+01	1.234E+00
3.800E+03	1.089E-03	1.477E+02	6.787E+01	5.179E+00	1.981E+00	1.191E+01	9.317E+00	1.267E+00
3.900E+03	1.058E-03	1.517E+02	6.816E+01	5.317E+00	1.987E+00	1.021E+01	7.824E+00	1.297E+00
4.000E+03	1.029E-03	1.552E+02	6.840E+01	5.442E+00	1.991E+00	9.137E+00	6.885E+00	1.322E+00
4.100E+03	1.003E-03	1.585E+02	6.862E+01	5.553E+00	1.994E+00	8.459E+00	6.299E+00	1.341E+00
4.200E+03	9.780E-04	1.615E+02	6.882E+01	5.650E+00	1.996E+00	8.059E+00	5.941E+00	1.354E+00
4.300E+03	9.546E-04	1.644E+02	6.901E+01	5.734E+00	1.997E+00	7.826E+00	5.740E+00	1.361E+00
4.400E+03	9.325E-04	1.672E+02	6.918E+01	5.807E+00	1.998E+00	7.729E+00	5.661E+00	1.364E+00
4.500E+03	9.114E-04	1.701E+02	6.936E+01	5.867E+00	1.999E+00	7.761E+00	5.699E+00	1.360E+00
4.600E+03	8.913E-04	1.729E+02	6.953E+01	5.912E+00	2.000E+00	7.947E+00	5.877E+00	1.351E+00
4.700E+03	8.720E-04	1.759E+02	6.971E+01	5.939E+00	2.000E+00	8.346E+00	6.251E+00	1.334E+00
4.800E+03	8.533E-04	1.791E+02	6.989E+01	5.947E+00	2.002E+00	9.062E+00	6.915E+00	1.308E+00
4.900E+03	8.351E-04	1.826E+02	7.009E+01	5.937E+00	2.004E+00	1.026E+01	8.019E+00	1.276E+00
5.000E+03	8.171E-04	1.867E+02	7.031E+01	5.917E+00	2.007E+00	1.217E+01	9.773E+00	1.240E+00
5.100E+03	7.992E-04	1.916E+02	7.058E+01	5.898E+00	2.011E+00	1.511E+01	1.246E+01	1.206E+00
5.200E+03	7.804E-04	1.979E+02	7.091E+01	5.892E+00	2.019E+00	1.950E+01	1.644E+01	1.175E+00
5.300E+03	7.519E-04	2.051E+02	7.134E+01	5.905E+00	2.030E+00	2.579E+01	2.208E+01	1.152E+00
5.400E+03	7.416E-04	2.171E+02	7.190E+01	5.940E+00	2.047E+00	3.441E+01	2.968E+01	1.135E+00
5.500E+03	7.195E-04	2.317E+02	7.263E+01	5.999E+00	2.072E+00	4.559E+01	3.956E+01	1.123E+00
5.600E+03	6.954E-04	2.503E+02	7.357E+01	6.082E+00	2.105E+00	5.910E+01	5.084E+01	1.115E+00
5.700E+03	6.691E-04	2.752E+02	7.475E+01	6.188E+00	2.149E+00	7.441E+01	6.359E+01	1.111E+00
5.800E+03	6.409E-04	3.053E+02	7.618E+01	6.316E+00	2.205E+00	9.001E+01	7.586E+01	1.109E+00
5.900E+03	6.115E-04	3.409E+02	7.784E+01	6.464E+00	2.272E+00	1.041E+02	8.684E+01	1.108E+00
6.000E+03	5.811E-04	3.811E+02	7.969E+01	6.629E+00	2.349E+00	1.149E+02	9.499E+01	1.108E+00
6.100E+03	5.529E-04	4.244E+02	8.164E+01	6.804E+00	2.431E+00	1.207E+02	9.926E+01	1.110E+00
6.200E+03	5.257E-04	4.689E+02	8.362E+01	6.985E+00	2.515E+00	1.209E+02	9.920E+01	1.112E+00
6.300E+03	5.009E-04	5.123E+02	8.551E+01	7.166E+00	2.598E+00	1.156E+02	9.502E+01	1.115E+00
6.400E+03	4.790E-04	5.530E+02	8.727E+01	7.342E+00	2.675E+00	1.062E+02	8.759E+01	1.120E+00
6.500E+03	4.598E-04	5.898E+02	8.882E+01	7.511E+00	2.743E+00	9.432E+01	7.816E+01	1.125E+00
6.600E+03	4.433E-04	6.220E+02	9.017E+01	7.671E+00	2.802E+00	8.175E+01	6.801E+01	1.131E+00
6.700E+03	4.290E-04	6.497E+02	9.131E+01	7.824E+00	2.852E+00	6.982E+01	5.882E+01	1.139E+00
6.800E+03	4.167E-04	6.733E+02	9.226E+01	7.970E+00	2.893E+00	5.935E+01	4.953E+01	1.148E+00
6.900E+03	4.058E-04	6.934E+02	9.306E+01	8.110E+00	2.928E+00	5.069E+01	4.223E+01	1.158E+00
7.000E+03	3.962E-04	7.106E+02	9.374E+01	8.246E+00	2.956E+00	4.388E+01	3.643E+01	1.168E+00
7.100E+03	3.875E-04	7.257E+02	9.432E+01	8.375E+00	2.980E+00	3.874E+01	3.202E+01	1.178E+00
7.200E+03	3.795E-04	7.392E+02	9.484E+01	8.496E+00	3.000E+00	3.505E+01	2.882E+01	1.188E+00
7.300E+03	3.721E-04	7.515E+02	9.530E+01	8.609E+00	3.018E+00	3.254E+01	2.664E+01	1.196E+00
7.400E+03	3.651E-04	7.631E+02	9.573E+01	8.712E+00	3.034E+00	3.101E+01	2.530E+01	1.202E+00
7.500E+03	3.584E-04	7.743E+02	9.614E+01	8.806E+00	3.050E+00	3.025E+01	2.462E+01	1.205E+00
7.600E+03	3.520E-04	7.853E+02	9.654E+01	8.891E+00	3.065E+00	3.011E+01	2.449E+01	1.206E+00
7.700E+03	3.457E-04	7.954E+02	9.694E+01	8.970E+00	3.080E+00	3.047E+01	2.478E+01	1.206E+00
7.800E+03	3.396E-04	8.077E+02	9.734E+01	9.044E+00	3.095E+00	3.125E+01	2.542E+01	1.205E+00
7.900E+03	3.335E-04	8.193E+02	9.774E+01	9.115E+00	3.110E+00	3.235E+01	2.633E+01	1.202E+00
8.000E+03	3.278E-04	8.314E+02	9.816E+01	9.186E+00	3.127E+00	3.373E+01	2.751E+01	1.199E+00
8.200E+03	3.162E-04	8.573E+02	9.903E+01	9.277E+00	3.162E+00	3.715E+01	3.034E+01	1.193E+00



Table 1. - Continued.

T	R40/RH0-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	3.048E-04	8.860E+02	9.997E+01	9.476E+00	3.202E+00	4.123E+01	3.370E+01	1.187E+00
8.500E+03	2.936E-04	9.178E+02	1.010E+02	9.635E+00	3.247E+00	4.578E+01	3.740E+01	1.182E+00
8.600E+03	2.825E-04	9.531E+02	1.021E+02	9.805E+00	3.298E+00	5.062E+01	4.130E+01	1.178E+00
9.000E+03	2.716E-04	9.920E+02	1.033E+02	9.985E+00	3.354E+00	5.563E+01	4.528E+01	1.174E+00
9.200E+03	2.608E-04	1.035E+03	1.046E+02	1.018E+01	3.417E+00	6.067E+01	4.924E+01	1.172E+00
9.400E+03	2.503E-04	1.081E+03	1.059E+02	1.038E+01	3.484E+00	6.567E+01	5.313E+01	1.170E+00
9.500E+03	2.401E-04	1.131E+03	1.074E+02	1.059E+01	3.557E+00	7.059E+01	5.693E+01	1.168E+00
9.800E+03	2.301E-04	1.184E+03	1.089E+02	1.081E+01	3.635E+00	7.549E+01	6.071E+01	1.167E+00
1.000E+04	2.205E-04	1.241E+03	1.104E+02	1.104E+01	3.718E+00	8.047E+01	6.453E+01	1.166E+00
1.020E+04	2.112E-04	1.302E+03	1.121E+02	1.128E+01	3.805E+00	8.566E+01	6.852E+01	1.165E+00
1.040E+04	2.023E-04	1.367E+03	1.138E+02	1.152E+01	3.897E+00	9.119E+01	7.276E+01	1.163E+00
1.050E+04	1.937E-04	1.436E+03	1.156E+02	1.176E+01	3.993E+00	9.712E+01	7.727E+01	1.162E+00
1.080E+04	1.853E-04	1.509E+03	1.175E+02	1.202E+01	4.095E+00	1.034E+02	8.199E+01	1.161E+00
1.100E+04	1.773E-04	1.587E+03	1.194E+02	1.229E+01	4.203E+00	1.097E+02	8.675E+01	1.161E+00
1.120E+04	1.696E-04	1.670E+03	1.215E+02	1.256E+01	4.316E+00	1.158E+02	9.128E+01	1.160E+00
1.140E+04	1.622E-04	1.757E+03	1.236E+02	1.285E+01	4.433E+00	1.213E+02	9.528E+01	1.161E+00
1.160E+04	1.552E-04	1.847E+03	1.257E+02	1.314E+01	4.554E+00	1.257E+02	9.840E+01	1.161E+00
1.180E+04	1.485E-04	1.940E+03	1.279E+02	1.344E+01	4.678E+00	1.284E+02	1.003E+02	1.163E+00
1.200E+04	1.422E-04	2.035E+03	1.301E+02	1.374E+01	4.803E+00	1.293E+02	1.009E+02	1.165E+00
1.220E+04	1.364E-04	2.129E+03	1.322E+02	1.405E+01	4.926E+00	1.280E+02	9.987E+01	1.167E+00
1.240E+04	1.310E-04	2.222E+03	1.342E+02	1.435E+01	5.045E+00	1.247E+02	9.730E+01	1.170E+00
1.250E+04	1.261E-04	2.311E+03	1.362E+02	1.465E+01	5.159E+00	1.194E+02	9.330E+01	1.174E+00
1.280E+04	1.215E-04	2.395E+03	1.380E+02	1.495E+01	5.265E+00	1.125E+02	8.810E+01	1.179E+00
1.300E+04	1.176E-04	2.476E+03	1.397E+02	1.524E+01	5.363E+00	1.046E+02	8.202E+01	1.184E+00
1.320E+04	1.139E-04	2.549E+03	1.412E+02	1.552E+01	5.452E+00	9.600E+01	7.540E+01	1.190E+00
1.340E+04	1.106E-04	2.616E+03	1.426E+02	1.580E+01	5.530E+00	8.727E+01	6.860E+01	1.197E+00
1.360E+04	1.077E-04	2.677E+03	1.438E+02	1.607E+01	5.599E+00	7.875E+01	6.189E+01	1.206E+00
1.380E+04	1.050E-04	2.732E+03	1.449E+02	1.634E+01	5.659E+00	7.074E+01	5.553E+01	1.215E+00
1.400E+04	1.025E-04	2.781E+03	1.459E+02	1.660E+01	5.711E+00	6.342E+01	4.965E+01	1.226E+00
1.420E+04	1.003E-04	2.825E+03	1.468E+02	1.686E+01	5.755E+00	5.689E+01	4.436E+01	1.237E+00
1.440E+04	9.828E-05	2.864E+03	1.475E+02	1.712E+01	5.793E+00	5.117E+01	3.969E+01	1.250E+00
1.460E+04	9.641E-05	2.900E+03	1.482E+02	1.738E+01	5.824E+00	4.623E+01	3.564E+01	1.263E+00
1.480E+04	9.467E-05	2.932E+03	1.488E+02	1.763E+01	5.851E+00	4.204E+01	3.218E+01	1.276E+00
1.500E+04	9.304E-05	2.962E+03	1.493E+02	1.788E+01	5.874E+00	3.852E+01	2.927E+01	1.290E+00
1.520E+04	9.152E-05	2.989E+03	1.498E+02	1.812E+01	5.894E+00	3.561E+01	2.684E+01	1.304E+00
1.540E+04	9.007E-05	3.014E+03	1.503E+02	1.836E+01	5.910E+00	3.323E+01	2.487E+01	1.316E+00
1.560E+04	8.871E-05	3.038E+03	1.507E+02	1.858E+01	5.924E+00	3.133E+01	2.329E+01	1.328E+00
1.580E+04	8.740E-05	3.060E+03	1.511E+02	1.878E+01	5.936E+00	2.985E+01	2.207E+01	1.337E+00
1.600E+04	8.616E-05	3.081E+03	1.514E+02	1.897E+01	5.947E+00	2.877E+01	2.118E+01	1.344E+00
1.620E+04	8.496E-05	3.102E+03	1.518E+02	1.914E+01	5.957E+00	2.803E+01	2.059E+01	1.349E+00
1.640E+04	8.380E-05	3.122E+03	1.521E+02	1.928E+01	5.965E+00	2.763E+01	2.028E+01	1.351E+00
1.660E+04	8.268E-05	3.143E+03	1.525E+02	1.940E+01	5.973E+00	2.754E+01	2.025E+01	1.350E+00
1.680E+04	8.159E-05	3.163E+03	1.528E+02	1.950E+01	5.981E+00	2.777E+01	2.049E+01	1.345E+00
1.700E+04	8.052E-05	3.183E+03	1.531E+02	1.958E+01	5.989E+00	2.832E+01	2.100E+01	1.339E+00
1.720E+04	7.948E-05	3.204E+03	1.535E+02	1.964E+01	5.997E+00	2.919E+01	2.179E+01	1.329E+00
1.740E+04	7.846E-05	3.226E+03	1.538E+02	1.968E+01	6.005E+00	3.039E+01	2.288E+01	1.318E+00
1.760E+04	7.746E-05	3.249E+03	1.542E+02	1.972E+01	6.014E+00	3.194E+01	2.426E+01	1.306E+00
1.780E+04	7.646E-05	3.273E+03	1.545E+02	1.975E+01	6.023E+00	3.385E+01	2.595E+01	1.293E+00
1.800E+04	7.548E-05	3.299E+03	1.549E+02	1.977E+01	6.034E+00	3.614E+01	2.797E+01	1.279E+00
1.820E+04	7.450E-05	3.326E+03	1.553E+02	1.980E+01	6.046E+00	3.882E+01	3.031E+01	1.266E+00
1.840E+04	7.352E-05	3.356E+03	1.558E+02	1.983E+01	6.060E+00	4.188E+01	3.297E+01	1.254E+00
1.860E+04	7.255E-05	3.388E+03	1.562E+02	1.987E+01	6.075E+00	4.531E+01	3.595E+01	1.243E+00
1.880E+04	7.157E-05	3.422E+03	1.568E+02	1.992E+01	6.093E+00	4.910E+01	3.921E+01	1.232E+00
1.900E+04	7.059E-05	3.450E+03	1.573E+02	1.999E+01	6.112E+00	5.322E+01	4.273E+01	1.223E+00
1.920E+04	6.961E-05	3.500E+03	1.579E+02	2.006E+01	6.134E+00	5.761E+01	4.647E+01	1.214E+00
1.940E+04	6.862E-05	3.544E+03	1.585E+02	2.014E+01	6.158E+00	6.220E+01	5.035E+01	1.207E+00
1.960E+04	6.762E-05	3.591E+03	1.592E+02	2.024E+01	6.185E+00	6.693E+01	5.433E+01	1.201E+00
1.980E+04	6.662E-05	3.642E+03	1.599E+02	2.035E+01	6.215E+00	7.171E+01	5.831E+01	1.196E+00
2.000E+04	6.562E-05	3.696E+03	1.606E+02	2.046E+01	6.247E+00	7.644E+01	6.224E+01	1.191E+00
2.020E+04	6.461E-05	3.754E+03	1.614E+02	2.059E+01	6.281E+00	8.104E+01	6.603E+01	1.188E+00
2.040E+04	6.361E-05	3.815E+03	1.622E+02	2.072E+01	6.318E+00	8.544E+01	6.964E+01	1.184E+00
2.060E+04	6.261E-05	3.879E+03	1.631E+02	2.086E+01	6.356E+00	8.958E+01	7.302E+01	1.182E+00
2.080E+04	6.161E-05	3.946E+03	1.639E+02	2.101E+01	6.397E+00	9.341E+01	7.615E+01	1.180E+00
2.100E+04	6.062E-05	4.016E+03	1.649E+02	2.117E+01	6.439E+00	9.694E+01	7.901E+01	1.178E+00
2.120E+04	5.965E-05	4.088E+03	1.658E+02	2.132E+01	6.483E+00	1.002E+02	8.165E+01	1.176E+00
2.140E+04	5.868E-05	4.162E+03	1.667E+02	2.149E+01	6.528E+00	1.032E+02	8.410E+01	1.175E+00
2.160E+04	5.773E-05	4.239E+03	1.677E+02	2.165E+01	6.574E+00	1.060E+02	8.642E+01	1.173E+00
2.180E+04	5.680E-05	4.317E+03	1.687E+02	2.181E+01	6.621E+00	1.087E+02	8.869E+01	1.172E+00
2.200E+04	5.588E-05	4.398E+03	1.697E+02	2.198E+01	6.669E+00	1.115E+02	9.101E+01	1.170E+00
2.220E+04	5.497E-05	4.481E+03	1.707E+02	2.214E+01	6.718E+00	1.144E+02	9.345E+01	1.169E+00
2.240E+04	5.408E-05	4.566E+03	1.718E+02	2.231E+01	6.767E+00	1.176E+02	9.610E+01	1.167E+00
2.260E+04	5.321E-05	4.653E+03	1.728E+02	2.248E+01	6.817E+00	1.211E+02	9.903E+01	1.166E+00
2.280E+04	5.235E-05	4.743E+03	1.739E+02	2.264E+01	6.869E+00	1.250E+02	1.023E+02	1.164E+00
2.300E+04	5.150E-05	4.835E+03	1.750E+02	2.281E+01	6.922E+00	1.294E+02	1.059E+02	1.162E+00
2.320E+04	5.066E-05	4.933E+03	1.762E+02	2.298E+01	6.976E+00	1.342E+02	1.099E+02	1.160E+00
2.340E+04	4.982E-05	5.033E+03	1.773E+02	2.315E+01	7.032E+00	1.394E+02	1.142E+02	1.158E+00
2.360E+04	4.900E-05	5.137E+03	1.786E+02	2.333E+01	7.089E+00	1.449E+02	1.187E+02	1.157E+00
2.380E+04	4.818E-05	5.245E+03	1.798E+02	2.351E+01	7.149E+00	1.507E+02	1.234E+02	1.155E+00
2.400E+04	4.737E-05	5.358E+03	1.811E+02	2.370E+01	7.211E+00	1.566E+02	1.282E+02	1.154E+00
2.420E+04	4.657E-05	5.475E+03	1.824E+02	2.389E+01	7.274E+00	1.625E+02	1.328E+02	1.153E+00
2.440E+04	4.577E-05	5.596E+03	1.838E+02	2.409E+01	7.340E+00	1.681E+02	1.373E+02	1.152E+00
2.460E+04	4.498E-05	5.721E+03	1.852E+02	2.430E+01	7.408E+00	1.732E+02	1.413E+02	1.152E+00
2.480E+04	4.421E-05	5.849E+03	1.866E+02	2.451E+01	7.478E+00	1.778E+02	1.448E+02	1.151E+00
2.500E+04	4.344E-05	5.981E+03	1.880E+02	2.472E+01	7.549E+00	1.815E+02	1.477E+02	1.151E+00

Table I. - Continued.

P/PO = 4.00E-02

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.193E-01	-1.718E+02	2.474E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.465E-02	-1.705E+02	2.726E+01	8.702E-01	1.300E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E-02	-1.690E+02	2.895E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E-02	-1.672E+02	3.030E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E-02	-1.653E+02	3.146E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E-02	-1.633E+02	3.246E+01	1.431E+00	1.000E+00	5.685E+00	4.685E+00	1.213E+00
7.000E+02	1.562E-02	-1.612E+02	3.336E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E-02	-1.590E+02	3.417E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E-02	-1.567E+02	3.491E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E-02	-1.543E+02	3.559E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	9.937E-03	-1.519E+02	3.621E+01	1.909E+00	1.000E+00	6.639E+00	5.639E+00	1.177E+00
1.200E+03	9.109E-03	-1.494E+02	3.680E+01	1.991E+00	1.000E+00	6.756E+00	5.756E+00	1.174E+00
1.300E+03	8.408E-03	-1.469E+02	3.734E+01	2.069E+00	1.000E+00	6.879E+00	5.879E+00	1.170E+00
1.400E+03	7.802E-03	-1.444E+02	3.786E+01	2.143E+00	1.000E+00	7.048E+00	6.048E+00	1.166E+00
1.500E+03	7.283E-03	-1.418E+02	3.835E+01	2.214E+00	1.001E+00	7.329E+00	6.312E+00	1.161E+00
1.600E+03	6.823E-03	-1.390E+02	3.884E+01	2.279E+00	1.001E+00	7.824E+00	6.785E+00	1.153E+00
1.700E+03	6.410E-03	-1.360E+02	3.934E+01	2.340E+00	1.003E+00	8.679E+00	7.594E+00	1.142E+00
1.800E+03	6.034E-03	-1.326E+02	3.987E+01	2.398E+00	1.006E+00	1.008E+00	8.906E+00	1.129E+00
1.900E+03	5.683E-03	-1.285E+02	4.047E+01	2.457E+00	1.012E+00	1.222E+01	1.090E+01	1.116E+00
2.000E+03	5.347E-03	-1.235E+02	4.117E+01	2.521E+00	1.022E+00	1.531E+01	1.375E+01	1.105E+00
2.100E+03	5.018E-03	-1.172E+02	4.201E+01	2.593E+00	1.037E+00	1.950E+01	1.757E+01	1.097E+00
2.200E+03	4.689E-03	-1.091E+02	4.304E+01	2.676E+00	1.060E+00	2.485E+01	2.234E+01	1.092E+00
2.300E+03	4.356E-03	-9.886E+01	4.428E+01	2.774E+00	1.091E+00	3.122E+01	2.791E+01	1.090E+00
2.400E+03	4.021E-03	-8.616E+01	4.576E+01	2.886E+00	1.133E+00	3.826E+01	3.389E+01	1.089E+00
2.500E+03	3.688E-03	-7.704E+01	4.746E+01	3.015E+00	1.186E+00	4.538E+01	3.974E+01	1.091E+00
2.600E+03	3.366E-03	-5.300E+01	4.937E+01	3.160E+00	1.249E+00	5.189E+01	4.491E+01	1.093E+00
2.700E+03	3.061E-03	-3.299E+01	5.144E+01	3.319E+00	1.322E+00	5.722E+01	4.894E+01	1.097E+00
2.800E+03	2.782E-03	-1.129E+01	5.359E+01	3.488E+00	1.403E+00	6.106E+01	5.158E+01	1.101E+00
2.900E+03	2.530E-03	1.152E+01	5.578E+01	3.666E+00	1.490E+00	6.323E+01	5.303E+01	1.106E+00
3.000E+03	2.308E-03	3.476E+01	5.793E+01	3.848E+00	1.579E+00	6.337E+01	5.278E+01	1.111E+00
3.100E+03	2.116E-03	5.757E+01	5.997E+01	4.031E+00	1.666E+00	6.080E+01	5.044E+01	1.118E+00
3.200E+03	1.954E-03	7.889E+01	6.182E+01	4.209E+00	1.748E+00	5.507E+01	4.553E+01	1.126E+00
3.300E+03	1.822E-03	9.756E+01	6.359E+01	4.378E+00	1.818E+00	4.662E+01	3.870E+01	1.136E+00
3.400E+03	1.716E-03	1.129E+02	6.444E+01	4.538E+00	1.874E+00	3.715E+01	3.086E+01	1.149E+00
3.500E+03	1.631E-03	1.249E+02	6.559E+01	4.691E+00	1.915E+00	2.845E+01	2.355E+01	1.167E+00
3.600E+03	1.562E-03	1.340E+02	6.629E+01	4.840E+00	1.944E+00	2.156E+01	1.768E+01	1.190E+00
3.700E+03	1.505E-03	1.409E+02	6.681E+01	4.986E+00	1.963E+00	1.663E+01	1.342E+01	1.218E+00
3.800E+03	1.455E-03	1.463E+02	6.721E+01	5.135E+00	1.975E+00	1.331E+01	1.054E+01	1.249E+00
3.900E+03	1.413E-03	1.509E+02	6.752E+01	5.276E+00	1.983E+00	1.116E+01	8.650E+00	1.279E+00
4.000E+03	1.374E-03	1.545E+02	6.779E+01	5.407E+00	1.989E+00	9.772E+00	7.438E+00	1.307E+00
4.100E+03	1.338E-03	1.580E+02	6.802E+01	5.525E+00	1.992E+00	8.893E+00	6.668E+00	1.329E+00
4.200E+03	1.305E-03	1.612E+02	6.822E+01	5.629E+00	1.995E+00	8.339E+00	6.184E+00	1.345E+00
4.300E+03	1.273E-03	1.641E+02	6.842E+01	5.721E+00	1.996E+00	8.003E+00	5.893E+00	1.355E+00
4.400E+03	1.244E-03	1.670E+02	6.860E+01	5.800E+00	1.997E+00	7.825E+00	5.742E+00	1.361E+00
4.500E+03	1.216E-03	1.699E+02	6.877E+01	5.867E+00	1.998E+00	7.779E+00	5.709E+00	1.361E+00
4.600E+03	1.189E-03	1.728E+02	6.895E+01	5.921E+00	1.999E+00	7.872E+00	5.803E+00	1.355E+00
4.700E+03	1.163E-03	1.757E+02	6.912E+01	5.958E+00	2.000E+00	8.140E+00	6.057E+00	1.343E+00
4.800E+03	1.138E-03	1.787E+02	6.929E+01	5.977E+00	2.001E+00	8.657E+00	6.539E+00	1.322E+00
4.900E+03	1.114E-03	1.821E+02	6.948E+01	5.977E+00	2.002E+00	9.544E+00	7.359E+00	1.294E+00
5.000E+03	1.091E-03	1.858E+02	6.969E+01	5.953E+00	2.005E+00	1.098E+01	8.680E+00	1.261E+00
5.100E+03	1.067E-03	1.902E+02	6.993E+01	5.944E+00	2.008E+00	1.321E+01	1.073E+01	1.226E+00
5.200E+03	1.044E-03	1.950E+02	7.021E+01	5.931E+00	2.014E+00	1.658E+01	1.378E+01	1.194E+00
5.300E+03	1.020E-03	2.025E+02	7.057E+01	5.933E+00	2.023E+00	2.147E+01	1.819E+01	1.167E+00
5.400E+03	9.942E-04	2.115E+02	7.103E+01	5.954E+00	2.036E+00	2.831E+01	2.428E+01	1.146E+00
5.500E+03	9.571E-04	2.235E+02	7.163E+01	5.998E+00	2.055E+00	3.742E+01	3.226E+01	1.132E+00
5.600E+03	9.377E-04	2.393E+02	7.241E+01	6.065E+00	2.082E+00	4.891E+01	4.213E+01	1.122E+00
5.700E+03	9.056E-04	2.696E+02	7.339E+01	6.154E+00	2.118E+00	6.247E+01	5.348E+01	1.115E+00
5.800E+03	8.708E-04	2.852E+02	7.460E+01	6.265E+00	2.194E+00	7.725E+01	6.552E+01	1.112E+00
5.900E+03	8.339E-04	3.162E+02	7.605E+01	6.397E+00	2.222E+00	9.188E+01	7.711E+01	1.110E+00
6.000E+03	7.957E-04	3.522E+02	7.771E+01	6.548E+00	2.290E+00	1.047E+02	8.597E+01	1.110E+00
6.100E+03	7.575E-04	3.924E+02	7.952E+01	6.713E+00	2.366E+00	1.139E+02	9.392E+01	1.110E+00
6.200E+03	7.205E-04	4.351E+02	8.141E+01	6.888E+00	2.447E+00	1.184E+02	9.714E+01	1.112E+00
6.300E+03	6.850E-04	4.784E+02	8.331E+01	7.057E+00	2.529E+00	1.176E+02	9.634E+01	1.114E+00
6.400E+03	6.547E-04	5.205E+02	8.512E+01	7.245E+00	2.609E+00	1.119E+02	9.183E+01	1.118E+00
6.500E+03	6.269E-04	5.599E+02	8.679E+01	7.418E+00	2.683E+00	1.025E+02	8.447E+01	1.122E+00
6.600E+03	6.026E-04	5.954E+02	8.827E+01	7.584E+00	2.748E+00	9.112E+01	7.540E+01	1.127E+00
6.700E+03	5.816E-04	6.265E+02	8.955E+01	7.742E+00	2.805E+00	7.920E+01	6.578E+01	1.134E+00
6.800E+03	5.633E-04	6.534E+02	9.064E+01	7.893E+00	2.854E+00	6.794E+01	5.656E+01	1.141E+00
6.900E+03	5.474E-04	6.765E+02	9.155E+01	8.057E+00	2.894E+00	5.806E+01	4.835E+01	1.150E+00
7.000E+03	5.335E-04	6.962E+02	9.233E+01	8.176E+00	2.927E+00	4.986E+01	4.145E+01	1.160E+00
7.100E+03	5.210E-04	7.132E+02	9.299E+01	8.310E+00	2.955E+00	4.335E+01	3.592E+01	1.170E+00
7.200E+03	5.097E-04	7.281E+02	9.356E+01	8.438E+00	2.978E+00	3.841E+01	3.168E+01	1.180E+00
7.300E+03	4.994E-04	7.415E+02	9.406E+01	8.559E+00	2.999E+00	3.481E+01	2.857E+01	1.190E+00
7.400E+03	4.897E-04	7.537E+02	9.452E+01	8.672E+00	3.016E+00	3.233E+01	2.642E+01	1.198E+00
7.500E+03	4.806E-04	7.652E+02	9.494E+01	8.775E+00	3.033E+00	3.077E+01	2.505E+01	1.204E+00
7.600E+03	4.719E-04	7.763E+02	9.534E+01	8.869E+00	3.048E+00	2.994E+01	2.433E+01	1.207E+00
7.700E+03	4.635E-04	7.872E+02	9.573E+01	8.955E+00	3.062E+00	2.972E+01	2.411E+01	1.209E+00
7.800E+03	4.554E-04	7.982E+02	9.611E+01	9.035E+00	3.077E+00	2.998E+01	2.432E+01	1.209E+00
7.900E+03	4.475E-04	8.092E+02	9.650E+01	9.109E+00	3.092E+00	3.063E+01	2.485E+01	1.208E+00
8.000E+03	4.398E-04	8.206E+02	9.689E+01	9.180E+00	3.107E+00	3.160E+01	2.567E+01	1.205E+00
8.100E+03	4.245E-04	8.447E+02	9.770E+01	9.320E+00	3.139E+00	3.431E+01	2.792E+01	1.200E+00



Table I. - Continued.

T	RHO/RH0-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	4.098E-04	8.710E+02	9.857E+01	9.463E+00	3.175E+00	3.778E+01	3.080E+01	1.194E+00
8.600E+03	3.953E-04	9.002E+02	9.951E+01	9.613E+00	3.216E+00	4.181E+01	3.410E+01	1.188E+00
8.800E+03	3.809E-04	9.324E+02	1.005E+02	9.773E+00	3.261E+00	4.622E+01	3.767E+01	1.183E+00
9.000E+03	3.667E-04	9.679E+02	1.016E+02	9.944E+00	3.312E+00	5.089E+01	4.140E+01	1.179E+00
9.200E+03	3.527E-04	1.007E+03	1.028E+02	1.013E+01	3.368E+00	5.568E+01	4.519E+01	1.176E+00
9.400E+03	3.390E-04	1.049E+03	1.040E+02	1.032E+01	3.430E+00	6.051E+01	4.897E+01	1.174E+00
9.500E+03	3.256E-04	1.096E+03	1.054E+02	1.052E+01	3.497E+00	6.531E+01	5.269E+01	1.172E+00
9.800E+03	3.125E-04	1.145E+03	1.067E+02	1.073E+01	3.569E+00	7.008E+01	5.636E+01	1.170E+00
1.000E+04	2.998E-04	1.198E+03	1.082E+02	1.095E+01	3.646E+00	7.485E+01	6.002E+01	1.169E+00
1.020E+04	2.876E-04	1.255E+03	1.097E+02	1.117E+01	3.727E+00	7.971E+01	6.375E+01	1.168E+00
1.040E+04	2.757E-04	1.315E+03	1.113E+02	1.141E+01	3.812E+00	8.479E+01	6.763E+01	1.167E+00
1.060E+04	2.642E-04	1.379E+03	1.130E+02	1.165E+01	3.903E+00	9.016E+01	7.173E+01	1.165E+00
1.080E+04	2.532E-04	1.447E+03	1.147E+02	1.189E+01	3.998E+00	9.586E+01	7.605E+01	1.164E+00
1.100E+04	2.425E-04	1.519E+03	1.166E+02	1.215E+01	4.098E+00	1.018E+02	8.052E+01	1.164E+00
1.120E+04	2.322E-04	1.596E+03	1.184E+02	1.241E+01	4.203E+00	1.078E+02	8.498E+01	1.163E+00
1.140E+04	2.223E-04	1.677E+03	1.204E+02	1.268E+01	4.313E+00	1.135E+02	8.921E+01	1.163E+00
1.160E+04	2.129E-04	1.762E+03	1.224E+02	1.296E+01	4.427E+00	1.187E+02	9.294E+01	1.163E+00
1.180E+04	2.038E-04	1.851E+03	1.245E+02	1.325E+01	4.545E+00	1.227E+02	9.586E+01	1.164E+00
1.200E+04	1.952E-04	1.942E+03	1.266E+02	1.355E+01	4.665E+00	1.254E+02	9.773E+01	1.165E+00
1.220E+04	1.872E-04	2.034E+03	1.287E+02	1.385E+01	4.786E+00	1.263E+02	9.832E+01	1.167E+00
1.240E+04	1.797E-04	2.126E+03	1.307E+02	1.415E+01	4.906E+00	1.253E+02	9.751E+01	1.169E+00
1.260E+04	1.727E-04	2.217E+03	1.327E+02	1.445E+01	5.023E+00	1.224E+02	9.529E+01	1.172E+00
1.280E+04	1.663E-04	2.305E+03	1.346E+02	1.474E+01	5.134E+00	1.178E+02	9.175E+01	1.176E+00
1.300E+04	1.605E-04	2.389E+03	1.364E+02	1.504E+01	5.239E+00	1.116E+02	8.708E+01	1.180E+00
1.320E+04	1.552E-04	2.468E+03	1.380E+02	1.532E+01	5.336E+00	1.043E+02	8.155E+01	1.185E+00
1.340E+04	1.504E-04	2.542E+03	1.395E+02	1.561E+01	5.424E+00	9.637E+01	7.545E+01	1.191E+00
1.360E+04	1.460E-04	2.609E+03	1.409E+02	1.588E+01	5.503E+00	8.817E+01	6.909E+01	1.198E+00
1.380E+04	1.421E-04	2.671E+03	1.421E+02	1.615E+01	5.573E+00	8.007E+01	6.275E+01	1.206E+00
1.400E+04	1.386E-04	2.727E+03	1.432E+02	1.642E+01	5.635E+00	7.234E+01	5.665E+01	1.215E+00
1.420E+04	1.353E-04	2.777E+03	1.442E+02	1.668E+01	5.688E+00	6.520E+01	5.095E+01	1.224E+00
1.440E+04	1.324E-04	2.822E+03	1.451E+02	1.694E+01	5.734E+00	5.874E+01	4.575E+01	1.235E+00
1.460E+04	1.297E-04	2.863E+03	1.458E+02	1.719E+01	5.773E+00	5.301E+01	4.111E+01	1.247E+00
1.480E+04	1.272E-04	2.900E+03	1.465E+02	1.745E+01	5.807E+00	4.802E+01	3.704E+01	1.259E+00
1.500E+04	1.249E-04	2.934E+03	1.471E+02	1.770E+01	5.836E+00	4.372E+01	3.351E+01	1.272E+00
1.520E+04	1.227E-04	2.964E+03	1.477E+02	1.794E+01	5.860E+00	4.008E+01	3.051E+01	1.285E+00
1.540E+04	1.207E-04	2.992E+03	1.482E+02	1.818E+01	5.881E+00	3.703E+01	2.798E+01	1.298E+00
1.560E+04	1.188E-04	3.019E+03	1.486E+02	1.842E+01	5.899E+00	3.450E+01	2.590E+01	1.310E+00
1.580E+04	1.170E-04	3.043E+03	1.491E+02	1.864E+01	5.914E+00	3.246E+01	2.420E+01	1.322E+00
1.600E+04	1.153E-04	3.066E+03	1.495E+02	1.885E+01	5.927E+00	3.084E+01	2.286E+01	1.331E+00
1.620E+04	1.136E-04	3.088E+03	1.498E+02	1.904E+01	5.939E+00	2.960E+01	2.185E+01	1.339E+00
1.640E+04	1.120E-04	3.110E+03	1.502E+02	1.921E+01	5.949E+00	2.872E+01	2.113E+01	1.345E+00
1.660E+04	1.105E-04	3.131E+03	1.505E+02	1.937E+01	5.959E+00	2.817E+01	2.070E+01	1.348E+00
1.680E+04	1.090E-04	3.151E+03	1.509E+02	1.950E+01	5.967E+00	2.793E+01	2.054E+01	1.348E+00
1.700E+04	1.076E-04	3.171E+03	1.512E+02	1.961E+01	5.975E+00	2.799E+01	2.064E+01	1.345E+00
1.720E+04	1.062E-04	3.192E+03	1.515E+02	1.970E+01	5.983E+00	2.837E+01	2.100E+01	1.340E+00
1.740E+04	1.049E-04	3.213E+03	1.519E+02	1.977E+01	5.991E+00	2.904E+01	2.163E+01	1.332E+00
1.760E+04	1.035E-04	3.235E+03	1.522E+02	1.982E+01	6.000E+00	3.004E+01	2.253E+01	1.323E+00
1.780E+04	1.022E-04	3.257E+03	1.526E+02	1.986E+01	6.008E+00	3.136E+01	2.370E+01	1.312E+00
1.800E+04	1.009E-04	3.281E+03	1.529E+02	1.990E+01	6.018E+00	3.301E+01	2.517E+01	1.299E+00
1.820E+04	9.964E-05	3.306E+03	1.533E+02	1.993E+01	6.028E+00	3.502E+01	2.694E+01	1.287E+00
1.840E+04	9.837E-05	3.332E+03	1.537E+02	1.996E+01	6.039E+00	3.738E+01	2.901E+01	1.274E+00
1.860E+04	9.710E-05	3.360E+03	1.541E+02	1.999E+01	6.052E+00	4.011E+01	3.139E+01	1.262E+00
1.880E+04	9.584E-05	3.391E+03	1.546E+02	2.003E+01	6.066E+00	4.319E+01	3.406E+01	1.251E+00
1.900E+04	9.458E-05	3.424E+03	1.550E+02	2.008E+01	6.082E+00	4.662E+01	3.702E+01	1.240E+00
1.920E+04	9.332E-05	3.459E+03	1.555E+02	2.013E+01	6.100E+00	5.037E+01	4.023E+01	1.230E+00
1.940E+04	9.206E-05	3.498E+03	1.561E+02	2.020E+01	6.121E+00	5.440E+01	4.367E+01	1.222E+00
1.960E+04	9.079E-05	3.539E+03	1.567E+02	2.028E+01	6.143E+00	5.867E+01	4.729E+01	1.214E+00
1.980E+04	8.951E-05	3.584E+03	1.573E+02	2.037E+01	6.168E+00	6.311E+01	5.102E+01	1.207E+00
2.000E+04	8.822E-05	3.631E+03	1.579E+02	2.046E+01	6.195E+00	6.765E+01	5.483E+01	1.202E+00
2.020E+04	8.694E-05	3.683E+03	1.586E+02	2.057E+01	6.225E+00	7.222E+01	5.862E+01	1.197E+00
2.040E+04	8.564E-05	3.737E+03	1.594E+02	2.069E+01	6.256E+00	7.673E+01	6.236E+01	1.192E+00
2.060E+04	8.435E-05	3.795E+03	1.601E+02	2.082E+01	6.291E+00	8.112E+01	6.597E+01	1.189E+00
2.080E+04	8.306E-05	3.856E+03	1.609E+02	2.095E+01	6.327E+00	8.533E+01	6.941E+01	1.186E+00
2.100E+04	8.177E-05	3.920E+03	1.618E+02	2.109E+01	6.365E+00	8.929E+01	7.265E+01	1.183E+00
2.120E+04	8.049E-05	3.987E+03	1.626E+02	2.124E+01	6.406E+00	9.300E+01	7.566E+01	1.181E+00
2.140E+04	7.922E-05	4.056E+03	1.635E+02	2.139E+01	6.447E+00	9.645E+01	7.846E+01	1.179E+00
2.160E+04	7.797E-05	4.128E+03	1.644E+02	2.155E+01	6.490E+00	9.965E+01	8.107E+01	1.178E+00
2.180E+04	7.673E-05	4.202E+03	1.654E+02	2.171E+01	6.535E+00	1.027E+02	8.353E+01	1.176E+00
2.200E+04	7.551E-05	4.278E+03	1.663E+02	2.187E+01	6.580E+00	1.055E+02	8.589E+01	1.175E+00
2.220E+04	7.430E-05	4.356E+03	1.673E+02	2.204E+01	6.627E+00	1.084E+02	8.823E+01	1.173E+00
2.240E+04	7.312E-05	4.437E+03	1.683E+02	2.220E+01	6.674E+00	1.113E+02	9.062E+01	1.172E+00
2.260E+04	7.195E-05	4.519E+03	1.693E+02	2.236E+01	6.722E+00	1.143E+02	9.313E+01	1.170E+00
2.280E+04	7.080E-05	4.604E+03	1.703E+02	2.253E+01	6.771E+00	1.175E+02	9.583E+01	1.169E+00
2.300E+04	6.967E-05	4.692E+03	1.713E+02	2.269E+01	6.821E+00	1.211E+02	9.878E+01	1.167E+00
2.320E+04	6.856E-05	4.782E+03	1.724E+02	2.286E+01	6.872E+00	1.250E+02	1.020E+02	1.165E+00
2.340E+04	6.745E-05	4.875E+03	1.735E+02	2.303E+01	6.925E+00	1.293E+02	1.056E+02	1.163E+00
2.360E+04	6.637E-05	4.971E+03	1.746E+02	2.320E+01	6.979E+00	1.339E+02	1.094E+02	1.162E+00
2.380E+04	6.529E-05	5.071E+03	1.758E+02	2.337E+01	7.034E+00	1.389E+02	1.135E+02	1.160E+00
2.400E+04	6.423E-05	5.175E+03	1.769E+02	2.355E+01	7.091E+00	1.442E+02	1.178E+02	1.159E+00
2.420E+04	6.317E-05	5.282E+03	1.782E+02	2.373E+01	7.151E+00	1.496E+02	1.222E+02	1.157E+00
2.440E+04	6.212E-05	5.394E+03	1.794E+02	2.392E+01	7.212E+00	1.551E+02	1.266E+02	1.156E+00
2.460E+04	6.108E-05	5.509E+03	1.807E+02	2.411E+01	7.275E+00	1.605E+02	1.309E+02	1.155E+00
2.480E+04	6.005E-05	5.629E+03	1.820E+02	2.431E+01	7.339E+00	1.657E+02	1.350E+02	1.154E+00
2.500E+04	5.904E-05	5.752E+03	1.834E+02	2.451E+01	7.406E+00	1.704E+02	1.387E+02	1.154E+00

Table I. - Continued.

P/P0 = 5.00E-02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E-01	-1.718E+02	2.451E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E-02	-1.705E+02	2.703E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.555E-02	-1.690E+02	2.872E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E-02	-1.672E+02	3.008E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.733E-02	-1.653E+02	3.123E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E-02	-1.633E+02	3.224E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E-02	-1.612E+02	3.314E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E-02	-1.590E+02	3.395E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E-02	-1.567E+02	3.469E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.366E-02	-1.543E+02	3.536E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	1.242E-02	-1.519E+02	3.599E+01	1.909E+00	1.000E+00	6.639E+00	5.639E+00	1.177E+00
1.200E+03	1.139E-02	-1.494E+02	3.657E+01	1.991E+00	1.000E+00	6.755E+00	5.754E+00	1.174E+00
1.300E+03	1.051E-02	-1.469E+02	3.712E+01	2.069E+00	1.000E+00	6.876E+00	5.874E+00	1.171E+00
1.400E+03	9.758E-03	-1.444E+02	3.763E+01	2.144E+00	1.000E+00	7.038E+00	6.033E+00	1.167E+00
1.500E+03	9.105E-03	-1.418E+02	3.813E+01	2.214E+00	1.000E+00	7.303E+00	6.288E+00	1.161E+00
1.600E+03	8.529E-03	-1.390E+02	3.861E+01	2.280E+00	1.001E+00	7.767E+00	6.731E+00	1.153E+00
1.700E+03	8.014E-03	-1.361E+02	3.911E+01	2.341E+00	1.003E+00	8.564E+00	7.486E+00	1.143E+00
1.800E+03	7.546E-03	-1.327E+02	3.963E+01	2.400E+00	1.006E+00	9.864E+00	8.707E+00	1.131E+00
1.900E+03	7.110E-03	-1.287E+02	4.021E+01	2.458E+00	1.011E+00	1.186E+01	1.057E+01	1.118E+00
2.000E+03	6.675E-03	-1.239E+02	4.089E+01	2.521E+00	1.020E+00	1.474E+01	1.322E+01	1.107E+00
2.100E+03	6.289E-03	-1.178E+02	4.170E+01	2.592E+00	1.035E+00	1.865E+01	1.679E+01	1.099E+00
2.200E+03	5.884E-03	-1.101E+02	4.268E+01	2.673E+00	1.056E+00	2.366E+01	2.127E+01	1.094E+00
2.300E+03	5.476E-03	-1.004E+02	4.386E+01	2.767E+00	1.085E+00	2.967E+01	2.653E+01	1.091E+00
2.400E+03	5.066E-03	-8.831E+01	4.526E+01	2.876E+00	1.124E+00	3.637E+01	3.225E+01	1.090E+00
2.500E+03	4.657E-03	-7.373E+01	4.689E+01	3.000E+00	1.173E+00	4.324E+01	3.794E+01	1.091E+00
2.600E+03	4.260E-03	-5.670E+01	4.871E+01	3.141E+00	1.234E+00	4.965E+01	4.306E+01	1.093E+00
2.700E+03	3.883E-03	-3.750E+01	5.069E+01	3.295E+00	1.303E+00	5.503E+01	4.717E+01	1.097E+00
2.800E+03	3.534E-03	-1.657E+01	5.277E+01	3.460E+00	1.381E+00	5.905E+01	5.007E+01	1.101E+00
2.900E+03	3.218E-03	5.553E+00	5.489E+01	3.634E+00	1.464E+00	6.155E+01	5.170E+01	1.105E+00
3.000E+03	2.937E-03	2.828E+01	5.699E+01	3.813E+00	1.551E+00	6.229E+01	5.193E+01	1.111E+00
3.100E+03	2.692E-03	5.089E+01	5.902E+01	3.994E+00	1.637E+00	6.073E+01	5.037E+01	1.117E+00
3.200E+03	2.483E-03	7.240E+01	6.088E+01	4.172E+00	1.720E+00	5.629E+01	4.660E+01	1.124E+00
3.300E+03	2.310E-03	9.176E+01	6.251E+01	4.343E+00	1.793E+00	4.905E+01	4.063E+01	1.133E+00
3.400E+03	2.169E-03	1.081E+02	6.384E+01	4.505E+00	1.853E+00	4.019E+01	3.333E+01	1.145E+00
3.500E+03	2.056E-03	1.212E+02	6.488E+01	4.658E+00	1.899E+00	3.141E+01	2.601E+01	1.161E+00
3.600E+03	1.965E-03	1.314E+02	6.566E+01	4.807E+00	1.932E+00	2.403E+01	1.976E+01	1.181E+00
3.700E+03	1.890E-03	1.390E+02	6.624E+01	4.954E+00	1.954E+00	1.849E+01	1.501E+01	1.207E+00
3.800E+03	1.826E-03	1.450E+02	6.667E+01	5.100E+00	1.969E+00	1.463E+01	1.167E+01	1.236E+00
3.900E+03	1.770E-03	1.499E+02	6.702E+01	5.243E+00	1.979E+00	1.206E+01	9.437E+00	1.266E+00
4.000E+03	1.720E-03	1.540E+02	6.730E+01	5.377E+00	1.986E+00	1.039E+01	7.974E+00	1.294E+00
4.100E+03	1.674E-03	1.576E+02	6.754E+01	5.500E+00	1.990E+00	9.310E+00	7.030E+00	1.318E+00
4.200E+03	1.632E-03	1.608E+02	6.776E+01	5.610E+00	1.993E+00	8.620E+00	6.428E+00	1.337E+00
4.300E+03	1.593E-03	1.639E+02	6.796E+01	5.707E+00	1.995E+00	8.188E+00	6.052E+00	1.350E+00
4.400E+03	1.555E-03	1.669E+02	6.814E+01	5.792E+00	1.997E+00	7.937E+00	5.837E+00	1.357E+00
4.500E+03	1.520E-03	1.697E+02	6.832E+01	5.864E+00	1.998E+00	7.828E+00	5.748E+00	1.360E+00
4.600E+03	1.486E-03	1.726E+02	6.849E+01	5.924E+00	1.999E+00	7.854E+00	5.781E+00	1.357E+00
4.700E+03	1.454E-03	1.755E+02	6.866E+01	5.968E+00	1.997E+00	8.036E+00	5.956E+00	1.348E+00
4.800E+03	1.423E-03	1.785E+02	6.884E+01	5.996E+00	2.000E+00	8.428E+00	6.324E+00	1.331E+00
4.900E+03	1.393E-03	1.817E+02	6.902E+01	6.005E+00	2.002E+00	9.125E+00	6.970E+00	1.307E+00
5.000E+03	1.364E-03	1.853E+02	6.921E+01	5.998E+00	2.004E+00	1.027E+01	8.024E+00	1.277E+00
5.100E+03	1.335E-03	1.893E+02	6.943E+01	5.981E+00	2.007E+00	1.206E+01	9.671E+00	1.243E+00
5.200E+03	1.306E-03	1.942E+02	6.969E+01	5.965E+00	2.011E+00	1.479E+01	1.216E+01	1.210E+00
5.300E+03	1.277E-03	2.003E+02	7.001E+01	5.960E+00	2.018E+00	1.879E+01	1.577E+01	1.180E+00
5.400E+03	1.247E-03	2.082E+02	7.041E+01	5.972E+00	2.029E+00	2.445E+01	2.084E+01	1.157E+00
5.500E+03	1.215E-03	2.185E+02	7.092E+01	6.004E+00	2.045E+00	3.213E+01	2.762E+01	1.140E+00
5.600E+03	1.181E-03	2.320E+02	7.159E+01	6.059E+00	2.067E+00	4.205E+01	3.622E+01	1.128E+00
5.700E+03	1.143E-03	2.495E+02	7.244E+01	6.136E+00	2.097E+00	5.413E+01	4.646E+01	1.120E+00
5.800E+03	1.102E-03	2.718E+02	7.349E+01	6.234E+00	2.137E+00	6.784E+01	5.780E+01	1.115E+00
5.900E+03	1.059E-03	2.993E+02	7.478E+01	6.353E+00	2.187E+00	8.219E+01	6.933E+01	1.112E+00
6.000E+03	1.013E-03	3.319E+02	7.627E+01	6.492E+00	2.248E+00	9.573E+01	7.991E+01	1.111E+00
6.100E+03	9.662E-04	3.691E+02	7.795E+01	6.648E+00	2.318E+00	1.069E+02	8.838E+01	1.111E+00
6.200E+03	9.201E-04	4.097E+02	7.975E+01	6.815E+00	2.395E+00	1.141E+02	9.375E+01	1.112E+00
6.300E+03	8.761E-04	4.520E+02	8.161E+01	6.990E+00	2.475E+00	1.166E+02	9.544E+01	1.114E+00
6.400E+03	8.354E-04	4.944E+02	8.343E+01	7.168E+00	2.556E+00	1.141E+02	9.338E+01	1.117E+00
6.500E+03	7.986E-04	5.350E+02	8.515E+01	7.343E+00	2.632E+00	1.073E+02	8.806E+01	1.120E+00
6.600E+03	7.661E-04	5.725E+02	8.672E+01	7.512E+00	2.702E+00	9.75E+01	8.038E+01	1.125E+00
6.700E+03	7.377E-04	6.063E+02	8.810E+01	7.674E+00	2.764E+00	8.63E+01	7.143E+01	1.130E+00
6.800E+03	7.130E-04	6.358E+02	8.930E+01	7.829E+00	2.818E+00	7.503E+01	6.224E+01	1.137E+00
6.900E+03	6.916E-04	6.613E+02	9.031E+01	7.977E+00	2.863E+00	6.447E+01	5.360E+01	1.145E+00
7.000E+03	6.728E-04	6.832E+02	9.117E+01	8.119E+00	2.901E+00	5.523E+01	4.599E+01	1.154E+00
7.100E+03	6.562E-04	7.020E+02	9.190E+01	8.256E+00	2.933E+00	4.710E+01	3.965E+01	1.164E+00
7.200E+03	6.413E-04	7.184E+02	9.253E+01	8.388E+00	2.959E+00	4.105E+01	3.458E+01	1.174E+00
7.300E+03	6.277E-04	7.328E+02	9.307E+01	8.514E+00	2.982E+00	3.732E+01	3.071E+01	1.184E+00
7.400E+03	6.152E-04	7.459E+02	9.356E+01	8.633E+00	3.001E+00	3.404E+01	2.787E+01	1.193E+00
7.500E+03	6.036E-04	7.579E+02	9.400E+01	8.743E+00	3.018E+00	3.177E+01	2.591E+01	1.200E+00
7.600E+03	5.925E-04	7.692E+02	9.441E+01	8.845E+00	3.034E+00	3.035E+01	2.467E+01	1.206E+00
7.700E+03	5.820E-04	7.802E+02	9.480E+01	8.938E+00	3.049E+00	2.962E+01	2.401E+01	1.209E+00
7.800E+03	5.718E-04	7.910E+02	9.518E+01	9.023E+00	3.064E+00	2.943E+01	2.384E+01	1.211E+00
7.900E+03	5.619E-04	8.018E+02	9.555E+01	9.101E+00	3.078E+00	2.949E+01	2.404E+01	1.211E+00
8.000E+03	5.523E-04	8.128E+02	9.593E+01	9.175E+00	3.092E+00	3.033E+01	2.457E+01	1.210E+00
8.200E+03	5.336E-04	8.357E+02	9.670E+01	9.316E+00	3.123E+00	3.245E+01	2.633E+01	1.205E+00

Table I. - Continued.

T	PHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	5.154E-04	8.605E+02	9.752E+01	9.455E+00	3.154E+00	3.543E+01	2.881E+01	1.199E+00
8.500E+03	4.975E-04	8.877E+02	9.840E+01	9.600E+00	3.193E+00	3.903E+01	3.177E+01	1.193E+00
8.600E+03	4.800E-04	9.178E+02	9.934E+01	9.753E+00	3.275E+00	4.308E+01	3.506E+01	1.188E+00
9.000E+03	4.626E-04	9.509E+02	1.004E+02	9.916E+00	3.422E+00	4.744E+01	3.856E+01	1.184E+00
9.200E+03	4.455E-04	9.873E+02	1.014E+02	1.009E+01	3.534E+00	5.199E+01	4.218E+01	1.180E+00
9.400E+03	4.287E-04	1.027E+03	1.026E+02	1.027E+01	3.691E+00	5.664E+01	4.583E+01	1.177E+00
9.500E+03	4.121E-04	1.070E+03	1.039E+02	1.047E+01	3.853E+00	6.131E+01	4.947E+01	1.175E+00
9.800E+03	3.960E-04	1.117E+03	1.052E+02	1.067E+01	4.021E+00	6.597E+01	5.307E+01	1.173E+00
1.000E+04	3.803E-04	1.167E+03	1.065E+02	1.088E+01	4.193E+00	7.062E+01	5.663E+01	1.172E+00
1.020E+04	3.651E-04	1.220E+03	1.080E+02	1.110E+01	4.369E+00	7.530E+01	6.022E+01	1.171E+00
1.040E+04	3.505E-04	1.277E+03	1.095E+02	1.133E+01	4.550E+00	8.011E+01	6.389E+01	1.169E+00
1.050E+04	3.361E-04	1.338E+03	1.111E+02	1.156E+01	4.736E+00	8.514E+01	6.772E+01	1.168E+00
1.080E+04	3.223E-04	1.402E+03	1.127E+02	1.180E+01	4.926E+00	9.044E+01	7.174E+01	1.167E+00
1.100E+04	3.090E-04	1.470E+03	1.144E+02	1.204E+01	5.120E+00	9.601E+01	7.594E+01	1.166E+00
1.120E+04	2.961E-04	1.543E+03	1.162E+02	1.230E+01	5.318E+00	1.017E+02	8.023E+01	1.165E+00
1.140E+04	2.838E-04	1.619E+03	1.181E+02	1.256E+01	5.524E+00	1.074E+02	8.445E+01	1.165E+00
1.150E+04	2.719E-04	1.700E+03	1.200E+02	1.283E+01	5.733E+00	1.128E+02	8.838E+01	1.165E+00
1.180E+04	2.605E-04	1.784E+03	1.219E+02	1.311E+01	5.945E+00	1.175E+02	9.178E+01	1.165E+00
1.200E+04	2.496E-04	1.872E+03	1.240E+02	1.340E+01	6.161E+00	1.211E+02	9.438E+01	1.166E+00
1.220E+04	2.393E-04	1.961E+03	1.260E+02	1.369E+01	6.379E+00	1.234E+02	9.595E+01	1.167E+00
1.240E+04	2.297E-04	2.052E+03	1.280E+02	1.399E+01	6.597E+00	1.240E+02	9.633E+01	1.169E+00
1.250E+04	2.207E-04	2.142E+03	1.300E+02	1.429E+01	6.814E+00	1.229E+02	9.540E+01	1.172E+00
1.280E+04	2.123E-04	2.231E+03	1.319E+02	1.458E+01	7.028E+00	1.200E+02	9.317E+01	1.175E+00
1.300E+04	2.046E-04	2.318E+03	1.337E+02	1.488E+01	7.236E+00	1.154E+02	8.972E+01	1.178E+00
1.320E+04	1.976E-04	2.406E+03	1.354E+02	1.517E+01	7.438E+00	1.095E+02	8.524E+01	1.183E+00
1.340E+04	1.912E-04	2.478E+03	1.370E+02	1.545E+01	7.633E+00	1.025E+02	7.997E+01	1.188E+00
1.360E+04	1.854E-04	2.550E+03	1.385E+02	1.573E+01	7.819E+00	9.497E+01	7.418E+01	1.193E+00
1.380E+04	1.801E-04	2.617E+03	1.398E+02	1.600E+01	8.007E+00	8.716E+01	6.815E+01	1.200E+00
1.400E+04	1.753E-04	2.678E+03	1.410E+02	1.627E+01	8.193E+00	7.943E+01	6.212E+01	1.208E+00
1.420E+04	1.710E-04	2.733E+03	1.421E+02	1.653E+01	8.379E+00	7.204E+01	5.629E+01	1.216E+00
1.440E+04	1.671E-04	2.783E+03	1.430E+02	1.679E+01	8.560E+00	6.517E+01	5.083E+01	1.226E+00
1.460E+04	1.635E-04	2.829E+03	1.439E+02	1.705E+01	8.725E+00	5.892E+01	4.582E+01	1.236E+00
1.480E+04	1.601E-04	2.870E+03	1.447E+02	1.730E+01	8.885E+00	5.336E+01	4.132E+01	1.247E+00
1.500E+04	1.571E-04	2.907E+03	1.453E+02	1.755E+01	9.039E+00	4.847E+01	3.735E+01	1.259E+00
1.520E+04	1.542E-04	2.941E+03	1.460E+02	1.780E+01	9.188E+00	4.425E+01	3.389E+01	1.271E+00
1.540E+04	1.516E-04	2.972E+03	1.465E+02	1.804E+01	9.333E+00	4.064E+01	3.093E+01	1.284E+00
1.560E+04	1.491E-04	3.001E+03	1.470E+02	1.828E+01	9.474E+00	3.760E+01	2.842E+01	1.296E+00
1.580E+04	1.468E-04	3.027E+03	1.475E+02	1.851E+01	9.610E+00	3.507E+01	2.634E+01	1.308E+00
1.600E+04	1.445E-04	3.052E+03	1.479E+02	1.873E+01	9.741E+00	3.300E+01	2.463E+01	1.319E+00
1.620E+04	1.424E-04	3.076E+03	1.483E+02	1.894E+01	9.868E+00	3.135E+01	2.327E+01	1.329E+00
1.640E+04	1.404E-04	3.098E+03	1.487E+02	1.913E+01	9.994E+00	3.007E+01	2.223E+01	1.337E+00
1.660E+04	1.385E-04	3.120E+03	1.490E+02	1.930E+01	1.011E+01	2.915E+01	2.148E+01	1.342E+00
1.680E+04	1.365E-04	3.141E+03	1.494E+02	1.946E+01	1.023E+01	2.854E+01	2.100E+01	1.346E+00
1.700E+04	1.348E-04	3.162E+03	1.497E+02	1.959E+01	1.035E+01	2.825E+01	2.079E+01	1.346E+00
1.720E+04	1.330E-04	3.182E+03	1.501E+02	1.971E+01	1.047E+01	2.825E+01	2.084E+01	1.344E+00
1.740E+04	1.313E-04	3.203E+03	1.504E+02	1.980E+01	1.058E+01	2.856E+01	2.114E+01	1.340E+00
1.760E+04	1.296E-04	3.224E+03	1.507E+02	1.988E+01	1.069E+01	2.915E+01	2.169E+01	1.333E+00
1.780E+04	1.280E-04	3.245E+03	1.510E+02	1.994E+01	1.079E+01	3.005E+01	2.251E+01	1.324E+00
1.800E+04	1.264E-04	3.268E+03	1.514E+02	1.998E+01	1.088E+01	3.127E+01	2.360E+01	1.313E+00
1.820E+04	1.248E-04	3.292E+03	1.517E+02	2.002E+01	1.097E+01	3.280E+01	2.496E+01	1.302E+00
1.840E+04	1.232E-04	3.316E+03	1.521E+02	2.006E+01	1.106E+01	3.467E+01	2.661E+01	1.290E+00
1.860E+04	1.217E-04	3.343E+03	1.525E+02	2.009E+01	1.115E+01	3.688E+01	2.854E+01	1.278E+00
1.880E+04	1.202E-04	3.371E+03	1.529E+02	2.012E+01	1.124E+01	3.943E+01	3.077E+01	1.266E+00
1.900E+04	1.186E-04	3.400E+03	1.533E+02	2.016E+01	1.133E+01	4.232E+01	3.328E+01	1.255E+00
1.920E+04	1.171E-04	3.433E+03	1.538E+02	2.021E+01	1.142E+01	4.555E+01	3.606E+01	1.244E+00
1.940E+04	1.155E-04	3.467E+03	1.543E+02	2.026E+01	1.151E+01	4.908E+01	3.909E+01	1.234E+00
1.960E+04	1.140E-04	3.505E+03	1.548E+02	2.033E+01	1.160E+01	5.290E+01	4.234E+01	1.226E+00
1.980E+04	1.125E-04	3.545E+03	1.554E+02	2.040E+01	1.169E+01	5.695E+01	4.578E+01	1.218E+00
2.000E+04	1.109E-04	3.588E+03	1.560E+02	2.049E+01	1.178E+01	6.119E+01	4.935E+01	1.211E+00
2.020E+04	1.093E-04	3.634E+03	1.566E+02	2.058E+01	1.187E+01	6.555E+01	5.300E+01	1.205E+00
2.040E+04	1.078E-04	3.684E+03	1.573E+02	2.069E+01	1.196E+01	6.996E+01	5.667E+01	1.200E+00
2.060E+04	1.062E-04	3.737E+03	1.580E+02	2.080E+01	1.205E+01	7.436E+01	6.031E+01	1.196E+00
2.080E+04	1.046E-04	3.793E+03	1.587E+02	2.092E+01	1.214E+01	7.868E+01	6.386E+01	1.192E+00
2.100E+04	1.031E-04	3.852E+03	1.595E+02	2.105E+01	1.223E+01	8.285E+01	6.728E+01	1.189E+00
2.120E+04	1.015E-04	3.914E+03	1.603E+02	2.119E+01	1.232E+01	8.683E+01	7.053E+01	1.186E+00
2.140E+04	9.994E-05	3.979E+03	1.611E+02	2.134E+01	1.241E+01	9.059E+01	7.358E+01	1.184E+00
2.160E+04	9.840E-05	4.047E+03	1.620E+02	2.148E+01	1.250E+01	9.411E+01	7.645E+01	1.182E+00
2.180E+04	9.686E-05	4.117E+03	1.629E+02	2.164E+01	1.259E+01	9.741E+01	7.913E+01	1.180E+00
2.200E+04	9.535E-05	4.189E+03	1.638E+02	2.179E+01	1.268E+01	1.005E+02	8.166E+01	1.178E+00
2.220E+04	9.385E-05	4.264E+03	1.647E+02	2.195E+01	1.277E+01	1.035E+02	8.409E+01	1.177E+00
2.240E+04	9.237E-05	4.341E+03	1.656E+02	2.211E+01	1.286E+01	1.064E+02	8.546E+01	1.175E+00
2.250E+04	9.092E-05	4.420E+03	1.666E+02	2.228E+01	1.295E+01	1.093E+02	8.886E+01	1.174E+00
2.280E+04	8.943E-05	4.501E+03	1.676E+02	2.246E+01	1.304E+01	1.123E+02	9.133E+01	1.172E+00
2.300E+04	8.807E-05	4.584E+03	1.685E+02	2.260E+01	1.313E+01	1.155E+02	9.394E+01	1.171E+00
2.320E+04	8.668E-05	4.670E+03	1.696E+02	2.277E+01	1.322E+01	1.188E+02	9.676E+01	1.169E+00
2.340E+04	8.531E-05	4.758E+03	1.706E+02	2.293E+01	1.331E+01	1.225E+02	9.981E+01	1.167E+00
2.360E+04	8.395E-05	4.850E+03	1.717E+02	2.310E+01	1.340E+01	1.265E+02	1.031E+02	1.166E+00
2.380E+04	8.262E-05	4.946E+03	1.727E+02	2.327E+01	1.349E+01	1.309E+02	1.067E+02	1.164E+00
2.400E+04	8.129E-05	5.041E+03	1.739E+02	2.344E+01	1.358E+01	1.356E+02	1.105E+02	1.162E+00
2.420E+04	7.998E-05	5.142E+03	1.750E+02	2.362E+01	1.367E+01	1.405E+02	1.145E+02	1.161E+00
2.440E+04	7.869E-05	5.247E+03	1.762E+02	2.380E+01	1.376E+01	1.456E+02	1.186E+02	1.159E+00
2.460E+04	7.740E-05	5.356E+03	1.774E+02	2.398E+01	1.385E+01	1.508E+02	1.228E+02	1.158E+00
2.480E+04	7.613E-05	5.468E+03	1.786E+02	2.417E+01	1.394E+01	1.560E+02	1.270E+02	1.157E+00
2.500E+04	7.487E-05	5.584E+03	1.799E+02	2.437E+01	1.403E+01	1.610E+02	1.309E+02	1.156E+00

Table I. - Continued.

P/PO = 6.00E-02

T	PHO/RHO-J	H/RT0	S/R	A/A0	L	CP/R	CV/K	GAMMA
1.000E+02	1.640E-01	-1.718E+02	2.433E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E-02	-1.705E+02	2.685E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.455E-02	-1.690E+02	2.854E+01	1.042E+00	1.000E+00	4.473E+00	3.475E+00	1.238E+00
4.000E+02	4.099E-02	-1.672E+02	2.990E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E-02	-1.653E+02	3.105E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E-02	-1.633E+02	3.206E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E-02	-1.612E+02	3.296E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E-02	-1.590E+02	3.377E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E-02	-1.567E+02	3.450E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E-02	-1.543E+02	3.518E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	1.491E-02	-1.519E+02	3.581E+01	1.909E+00	1.000E+00	6.639E+00	5.639E+00	1.177E+00
1.200E+03	1.365E-02	-1.494E+02	3.639E+01	1.991E+00	1.000E+00	6.744E+00	5.754E+00	1.174E+00
1.300E+03	1.261E-02	-1.469E+02	3.694E+01	2.069E+00	1.000E+00	6.837E+00	5.872E+00	1.171E+00
1.400E+03	1.171E-02	-1.444E+02	3.745E+01	2.144E+00	1.000E+00	7.030E+00	6.025E+00	1.157E+00
1.500E+03	1.093E-02	-1.418E+02	3.794E+01	2.214E+00	1.000E+00	7.284E+00	6.269E+00	1.162E+00
1.600E+03	1.024E-02	-1.390E+02	3.843E+01	2.281E+00	1.001E+00	7.723E+00	6.689E+00	1.154E+00
1.700E+03	9.619E-03	-1.361E+02	3.892E+01	2.342E+00	1.003E+00	8.477E+00	7.403E+00	1.144E+00
1.800E+03	9.058E-03	-1.328E+02	3.943E+01	2.401E+00	1.006E+00	9.703E+00	8.555E+00	1.132E+00
1.900E+03	8.538E-03	-1.289E+02	4.000E+01	2.459E+00	1.011E+00	1.158E+01	1.031E+01	1.120E+00
2.000E+03	8.043E-03	-1.242E+02	4.066E+01	2.521E+00	1.019E+00	1.430E+01	1.282E+01	1.109E+00
2.100E+03	7.561E-03	-1.183E+02	4.145E+01	2.591E+00	1.033E+00	1.800E+01	1.619E+01	1.100E+00
2.200E+03	7.082E-03	-1.109E+02	4.239E+01	2.670E+00	1.052E+00	2.274E+01	2.044E+01	1.095E+00
2.300E+03	6.601E-03	-1.015E+02	4.352E+01	2.762E+00	1.080E+00	2.846E+01	2.547E+01	1.092E+00
2.400E+03	6.116E-03	-8.997E+01	4.487E+01	2.858E+00	1.117E+00	3.489E+01	3.097E+01	1.091E+00
2.500E+03	5.634E-03	-7.597E+01	4.643E+01	2.989E+00	1.164E+00	4.156E+01	3.652E+01	1.091E+00
2.600E+03	5.162E-03	-5.958E+01	4.818E+01	3.126E+00	1.222E+00	4.787E+01	4.158E+01	1.093E+00
2.700E+03	4.713E-03	-4.103E+01	5.009E+01	3.276E+00	1.289E+00	5.327E+01	4.574E+01	1.097E+00
2.800E+03	4.295E-03	-2.073E+01	5.211E+01	3.438E+00	1.363E+00	5.740E+01	4.875E+01	1.101E+00
2.900E+03	3.915E-03	8.275E-01	5.418E+01	3.638E+00	1.444E+00	6.012E+01	5.057E+01	1.105E+00
3.000E+03	3.576E-03	2.310E+01	5.624E+01	3.785E+00	1.528E+00	6.126E+01	5.112E+01	1.110E+00
3.100E+03	3.278E-03	4.544E+01	5.824E+01	3.964E+00	1.614E+00	6.039E+01	5.010E+01	1.116E+00
3.200E+03	3.021E-03	6.700E+01	6.011E+01	4.141E+00	1.696E+00	5.692E+01	4.708E+01	1.123E+00
3.300E+03	2.805E-03	8.678E+01	6.177E+01	4.313E+00	1.771E+00	5.359E+01	4.193E+01	1.132E+00
3.400E+03	2.629E-03	1.039E+02	6.317E+01	4.477E+00	1.834E+00	4.250E+01	3.519E+01	1.142E+00
3.500E+03	2.486E-03	1.178E+02	6.427E+01	4.632E+00	1.884E+00	3.385E+01	2.802E+01	1.156E+00
3.600E+03	2.371E-03	1.288E+02	6.512E+01	4.780E+00	1.921E+00	2.618E+01	2.157E+01	1.175E+00
3.700E+03	2.277E-03	1.372E+02	6.575E+01	4.927E+00	1.947E+00	2.018E+01	1.545E+01	1.198E+00
3.800E+03	2.197E-03	1.438E+02	6.623E+01	5.072E+00	1.964E+00	1.587E+01	1.274E+01	1.225E+00
3.900E+03	2.128E-03	1.490E+02	6.660E+01	5.215E+00	1.975E+00	1.293E+01	1.019E+01	1.255E+00
4.000E+03	2.067E-03	1.534E+02	6.690E+01	5.351E+00	1.983E+00	1.099E+01	8.444E+00	1.283E+00
4.100E+03	2.011E-03	1.571E+02	6.715E+01	5.478E+00	1.988E+00	9.719E+00	7.336E+00	1.309E+00
4.200E+03	1.960E-03	1.605E+02	6.738E+01	5.592E+00	1.992E+00	8.898E+00	6.669E+00	1.329E+00
4.300E+03	1.912E-03	1.637E+02	6.758E+01	5.694E+00	1.994E+00	8.375E+00	6.214E+00	1.344E+00
4.400E+03	1.867E-03	1.667E+02	6.777E+01	5.783E+00	1.996E+00	8.057E+00	5.939E+00	1.354E+00
4.500E+03	1.824E-03	1.695E+02	6.795E+01	5.859E+00	1.997E+00	7.893E+00	5.602E+00	1.358E+00
4.600E+03	1.784E-03	1.725E+02	6.812E+01	5.924E+00	1.998E+00	7.865E+00	5.787E+00	1.357E+00
4.700E+03	1.745E-03	1.754E+02	6.829E+01	5.974E+00	1.999E+00	7.983E+00	5.904E+00	1.351E+00
4.800E+03	1.708E-03	1.784E+02	6.846E+01	6.009E+00	2.000E+00	8.287E+00	6.191E+00	1.337E+00
4.900E+03	1.672E-03	1.815E+02	6.864E+01	6.025E+00	2.001E+00	8.453E+00	6.473E+00	1.316E+00
5.000E+03	1.637E-03	1.849E+02	6.883E+01	6.024E+00	2.003E+00	8.798E+00	7.590E+00	1.288E+00
5.100E+03	1.603E-03	1.887E+02	6.903E+01	6.011E+00	2.005E+00	1.130E+01	8.966E+00	1.256E+00
5.200E+03	1.569E-03	1.933E+02	6.927E+01	5.995E+00	2.009E+00	1.358E+01	1.105E+01	1.223E+00
5.300E+03	1.535E-03	1.988E+02	6.956E+01	5.985E+00	2.015E+00	1.696E+01	1.412E+01	1.192E+00
5.400E+03	1.503E-03	2.059E+02	6.992E+01	5.990E+00	2.024E+00	2.179E+01	1.846E+01	1.167E+00
5.500E+03	1.463E-03	2.150E+02	7.038E+01	6.014E+00	2.037E+00	2.842E+01	2.434E+01	1.147E+00
5.600E+03	1.424E-03	2.269E+02	7.097E+01	6.059E+00	2.056E+00	3.713E+01	3.195E+01	1.133E+00
5.700E+03	1.381E-03	2.424E+02	7.172E+01	6.126E+00	2.083E+00	4.798E+01	4.123E+01	1.124E+00
5.800E+03	1.335E-03	2.623E+02	7.266E+01	6.214E+00	2.118E+00	6.066E+01	5.183E+01	1.118E+00
5.900E+03	1.285E-03	2.870E+02	7.381E+01	6.323E+00	2.162E+00	7.443E+01	6.303E+01	1.114E+00
6.000E+03	1.232E-03	3.168E+02	7.518E+01	6.452E+00	2.217E+00	8.810E+01	7.385E+01	1.112E+00
6.100E+03	1.178E-03	3.513E+02	7.674E+01	6.598E+00	2.282E+00	1.002E+02	8.318E+01	1.112E+00
6.200E+03	1.123E-03	3.898E+02	7.845E+01	6.759E+00	2.355E+00	1.093E+02	8.948E+01	1.112E+00
6.300E+03	1.070E-03	4.308E+02	8.024E+01	6.929E+00	2.432E+00	1.141E+02	9.351E+01	1.114E+00
6.400E+03	1.020E-03	4.728E+02	8.204E+01	7.104E+00	2.512E+00	1.143E+02	9.344E+01	1.116E+00
6.500E+03	9.742E-04	5.139E+02	8.379E+01	7.279E+00	2.589E+00	1.099E+02	8.996E+01	1.119E+00
6.600E+03	9.331E-04	5.528E+02	8.541E+01	7.451E+00	2.662E+00	1.020E+02	8.372E+01	1.123E+00
6.700E+03	8.970E-04	5.883E+02	8.687E+01	7.616E+00	2.728E+00	9.180E+01	7.566E+01	1.128E+00
6.800E+03	8.655E-04	6.199E+02	8.815E+01	7.774E+00	2.786E+00	8.076E+01	6.882E+01	1.134E+00
6.900E+03	8.380E-04	6.475E+02	8.925E+01	7.925E+00	2.836E+00	7.000E+01	5.807E+01	1.141E+00
7.000E+03	8.141E-04	6.713E+02	9.018E+01	8.070E+00	2.877E+00	6.028E+01	5.005E+01	1.149E+00
7.100E+03	7.929E-04	6.918E+02	9.098E+01	8.209E+00	2.912E+00	5.197E+01	4.312E+01	1.159E+00
7.200E+03	7.741E-04	7.096E+02	9.165E+01	8.344E+00	2.942E+00	4.521E+01	3.740E+01	1.168E+00
7.300E+03	7.572E-04	7.251E+02	9.224E+01	8.473E+00	2.966E+00	3.991E+01	3.288E+01	1.179E+00
7.400E+03	7.416E-04	7.389E+02	9.275E+01	8.594E+00	2.988E+00	3.591E+01	2.946E+01	1.188E+00
7.500E+03	7.272E-04	7.515E+02	9.322E+01	8.712E+00	3.006E+00	3.303E+01	2.697E+01	1.197E+00
7.600E+03	7.137E-04	7.532E+02	9.364E+01	8.820E+00	3.023E+00	3.107E+01	2.527E+01	1.204E+00
7.700E+03	7.009E-04	7.744E+02	9.404E+01	8.918E+00	3.038E+00	2.987E+01	2.422E+01	1.209E+00
7.800E+03	6.880E-04	7.852E+02	9.442E+01	9.009E+00	3.053E+00	2.929E+01	2.371E+01	1.212E+00
7.900E+03	6.767E-04	7.959E+02	9.479E+01	9.092E+00	3.067E+00	2.922E+01	2.362E+01	1.213E+00
8.000E+03	6.652E-04	8.066E+02	9.516E+01	9.164E+00	3.081E+00	2.955E+01	2.389E+01	1.213E+00
8.200E+03	6.429E-04	8.288E+02	9.591E+01	9.313E+00	3.110E+00	3.116E+01	2.523E+01	1.209E+00

Table I. - Continued.

T	RHO/R-U-U	H/KTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
8.400E+03	6.213E-04	8.525E+02	9.669E+01	9.451E+00	3.142E+00	3.372E+01	2.735E+01	1.203E+00
8.400E+03	6.002E-04	8.783E+02	9.752E+01	9.592E+00	3.176E+00	3.696E+01	3.002E+01	1.197E+00
8.400E+03	5.795E-04	9.067E+02	9.841E+01	9.740E+00	3.215E+00	4.069E+01	3.307E+01	1.192E+00
9.000E+03	5.590E-04	9.380E+02	9.937E+01	9.897E+00	3.259E+00	4.478E+01	3.637E+01	1.187E+00
9.200E+03	5.388E-04	9.724E+02	1.004E+02	1.006E+01	3.308E+00	4.911E+01	3.983E+01	1.183E+00
9.400E+03	5.189E-04	1.010E+03	1.015E+02	1.024E+01	3.361E+00	5.359E+01	4.336E+01	1.180E+00
9.600E+03	4.994E-04	1.051E+03	1.027E+02	1.043E+01	3.420E+00	5.813E+01	4.690E+01	1.178E+00
9.800E+03	4.803E-04	1.095E+03	1.039E+02	1.063E+01	3.483E+00	6.268E+01	5.043E+01	1.176E+00
1.000E+04	4.616E-04	1.143E+03	1.052E+02	1.083E+01	3.552E+00	6.723E+01	5.392E+01	1.174E+00
1.020E+04	4.435E-04	1.194E+03	1.066E+02	1.104E+01	3.625E+00	7.179E+01	5.742E+01	1.173E+00
1.040E+04	4.259E-04	1.248E+03	1.081E+02	1.126E+01	3.702E+00	7.643E+01	6.096E+01	1.172E+00
1.060E+04	4.088E-04	1.306E+03	1.096E+02	1.149E+01	3.783E+00	8.123E+01	6.461E+01	1.170E+00
1.080E+04	3.924E-04	1.367E+03	1.111E+02	1.172E+01	3.869E+00	8.625E+01	6.842E+01	1.169E+00
1.100E+04	3.764E-04	1.432E+03	1.127E+02	1.196E+01	3.960E+00	9.152E+01	7.239E+01	1.168E+00
1.120E+04	3.611E-04	1.501E+03	1.144E+02	1.221E+01	4.053E+00	9.699E+01	7.650E+01	1.167E+00
1.140E+04	3.462E-04	1.574E+03	1.162E+02	1.247E+01	4.154E+00	1.023E+02	8.062E+01	1.167E+00
1.160E+04	3.319E-04	1.651E+03	1.180E+02	1.273E+01	4.258E+00	1.079E+02	8.459E+01	1.166E+00
1.180E+04	3.182E-04	1.732E+03	1.199E+02	1.300E+01	4.367E+00	1.129E+02	8.821E+01	1.166E+00
1.200E+04	3.051E-04	1.816E+03	1.219E+02	1.328E+01	4.479E+00	1.171E+02	9.123E+01	1.167E+00
1.220E+04	2.925E-04	1.903E+03	1.238E+02	1.357E+01	4.593E+00	1.202E+02	9.343E+01	1.168E+00
1.240E+04	2.802E-04	1.992E+03	1.258E+02	1.386E+01	4.709E+00	1.219E+02	9.461E+01	1.170E+00
1.260E+04	2.697E-04	2.081E+03	1.278E+02	1.415E+01	4.825E+00	1.221E+02	9.462E+01	1.172E+00
1.280E+04	2.594E-04	2.170E+03	1.297E+02	1.445E+01	4.939E+00	1.205E+02	9.341E+01	1.174E+00
1.300E+04	2.498E-04	2.257E+03	1.315E+02	1.474E+01	5.049E+00	1.173E+02	9.098E+01	1.177E+00
1.320E+04	2.410E-04	2.342E+03	1.333E+02	1.503E+01	5.155E+00	1.126E+02	8.745E+01	1.181E+00
1.340E+04	2.329E-04	2.422E+03	1.349E+02	1.532E+01	5.253E+00	1.067E+02	8.299E+01	1.185E+00
1.360E+04	2.256E-04	2.499E+03	1.365E+02	1.560E+01	5.345E+00	9.994E+01	7.783E+01	1.190E+00
1.380E+04	2.189E-04	2.568E+03	1.379E+02	1.588E+01	5.428E+00	9.262E+01	7.222E+01	1.196E+00
1.400E+04	2.128E-04	2.633E+03	1.391E+02	1.615E+01	5.503E+00	8.512E+01	6.643E+01	1.203E+00
1.420E+04	2.073E-04	2.693E+03	1.403E+02	1.641E+01	5.570E+00	7.772E+01	6.066E+01	1.210E+00
1.440E+04	2.023E-04	2.747E+03	1.413E+02	1.667E+01	5.629E+00	7.066E+01	5.510E+01	1.211E+00
1.460E+04	1.977E-04	2.797E+03	1.423E+02	1.693E+01	5.681E+00	6.409E+01	4.989E+01	1.228E+00
1.480E+04	1.935E-04	2.841E+03	1.431E+02	1.718E+01	5.725E+00	5.812E+01	4.511E+01	1.238E+00
1.500E+04	1.896E-04	2.882E+03	1.438E+02	1.743E+01	5.764E+00	5.279E+01	4.081E+01	1.245E+00
1.520E+04	1.861E-04	2.919E+03	1.445E+02	1.768E+01	5.797E+00	4.810E+01	3.700E+01	1.261E+00
1.540E+04	1.827E-04	2.952E+03	1.451E+02	1.792E+01	5.826E+00	4.404E+01	3.368E+01	1.273E+00
1.560E+04	1.795E-04	2.983E+03	1.456E+02	1.816E+01	5.851E+00	4.056E+01	3.083E+01	1.285E+00
1.580E+04	1.767E-04	3.012E+03	1.461E+02	1.840E+01	5.872E+00	3.761E+01	2.841E+01	1.297E+00
1.600E+04	1.740E-04	3.039E+03	1.466E+02	1.862E+01	5.890E+00	3.516E+01	2.639E+01	1.308E+00
1.620E+04	1.714E-04	3.064E+03	1.470E+02	1.884E+01	5.906E+00	3.314E+01	2.473E+01	1.319E+00
1.640E+04	1.689E-04	3.087E+03	1.474E+02	1.905E+01	5.920E+00	3.153E+01	2.341E+01	1.328E+00
1.660E+04	1.665E-04	3.110E+03	1.478E+02	1.924E+01	5.932E+00	3.029E+01	2.239E+01	1.336E+00
1.680E+04	1.642E-04	3.132E+03	1.482E+02	1.941E+01	5.943E+00	2.938E+01	2.166E+01	1.341E+00
1.700E+04	1.620E-04	3.153E+03	1.485E+02	1.956E+01	5.953E+00	2.879E+01	2.120E+01	1.344E+00
1.720E+04	1.599E-04	3.174E+03	1.488E+02	1.970E+01	5.962E+00	2.850E+01	2.099E+01	1.345E+00
1.740E+04	1.578E-04	3.195E+03	1.492E+02	1.981E+01	5.971E+00	2.850E+01	2.103E+01	1.343E+00
1.760E+04	1.558E-04	3.216E+03	1.495E+02	1.990E+01	5.979E+00	2.879E+01	2.133E+01	1.338E+00
1.780E+04	1.538E-04	3.237E+03	1.498E+02	1.998E+01	5.988E+00	2.938E+01	2.187E+01	1.332E+00
1.800E+04	1.519E-04	3.259E+03	1.501E+02	2.004E+01	5.996E+00	3.025E+01	2.267E+01	1.323E+00
1.820E+04	1.500E-04	3.281E+03	1.505E+02	2.009E+01	6.005E+00	3.143E+01	2.372E+01	1.313E+00
1.840E+04	1.482E-04	3.305E+03	1.508E+02	2.013E+01	6.014E+00	3.293E+01	2.505E+01	1.302E+00
1.860E+04	1.463E-04	3.330E+03	1.512E+02	2.017E+01	6.025E+00	3.474E+01	2.665E+01	1.290E+00
1.880E+04	1.445E-04	3.356E+03	1.516E+02	2.020E+01	6.036E+00	3.688E+01	2.852E+01	1.279E+00
1.900E+04	1.427E-04	3.384E+03	1.520E+02	2.024E+01	6.048E+00	3.935E+01	3.067E+01	1.267E+00
1.920E+04	1.409E-04	3.414E+03	1.524E+02	2.028E+01	6.062E+00	4.215E+01	3.310E+01	1.256E+00
1.940E+04	1.391E-04	3.445E+03	1.528E+02	2.033E+01	6.077E+00	4.527E+01	3.578E+01	1.246E+00
1.960E+04	1.373E-04	3.480E+03	1.534E+02	2.038E+01	6.095E+00	4.868E+01	3.871E+01	1.236E+00
1.980E+04	1.355E-04	3.517E+03	1.539E+02	2.045E+01	6.114E+00	5.236E+01	4.184E+01	1.228E+00
2.000E+04	1.336E-04	3.557E+03	1.544E+02	2.052E+01	6.135E+00	5.628E+01	4.516E+01	1.220E+00
2.020E+04	1.318E-04	3.599E+03	1.550E+02	2.060E+01	6.158E+00	6.038E+01	4.861E+01	1.213E+00
2.040E+04	1.300E-04	3.645E+03	1.556E+02	2.070E+01	6.183E+00	6.460E+01	5.215E+01	1.207E+00
2.060E+04	1.282E-04	3.694E+03	1.563E+02	2.080E+01	6.211E+00	6.889E+01	5.572E+01	1.202E+00
2.080E+04	1.263E-04	3.746E+03	1.569E+02	2.091E+01	6.241E+00	7.318E+01	5.926E+01	1.198E+00
2.100E+04	1.245E-04	3.801E+03	1.577E+02	2.103E+01	6.273E+00	7.741E+01	6.274E+01	1.194E+00
2.120E+04	1.226E-04	3.859E+03	1.584E+02	2.116E+01	6.307E+00	8.151E+01	6.610E+01	1.191E+00
2.140E+04	1.208E-04	3.920E+03	1.592E+02	2.130E+01	6.343E+00	8.546E+01	6.932E+01	1.188E+00
2.160E+04	1.190E-04	3.984E+03	1.600E+02	2.144E+01	6.381E+00	8.920E+01	7.236E+01	1.185E+00
2.180E+04	1.171E-04	4.051E+03	1.609E+02	2.159E+01	6.421E+00	9.274E+01	7.524E+01	1.183E+00
2.200E+04	1.153E-04	4.120E+03	1.617E+02	2.174E+01	6.462E+00	9.608E+01	7.794E+01	1.181E+00
2.220E+04	1.135E-04	4.192E+03	1.626E+02	2.189E+01	6.504E+00	9.923E+01	8.050E+01	1.180E+00
2.240E+04	1.118E-04	4.266E+03	1.635E+02	2.205E+01	6.548E+00	1.023E+02	8.296E+01	1.178E+00
2.260E+04	1.100E-04	4.341E+03	1.644E+02	2.221E+01	6.592E+00	1.052E+02	8.537E+01	1.177E+00
2.280E+04	1.083E-04	4.420E+03	1.654E+02	2.237E+01	6.638E+00	1.081E+02	8.778E+01	1.175E+00
2.300E+04	1.065E-04	4.500E+03	1.663E+02	2.253E+01	6.685E+00	1.111E+02	9.025E+01	1.174E+00
2.320E+04	1.050E-04	4.582E+03	1.673E+02	2.269E+01	6.732E+00	1.143E+02	9.283E+01	1.172E+00
2.340E+04	1.033E-04	4.667E+03	1.683E+02	2.286E+01	6.781E+00	1.176E+02	9.558E+01	1.171E+00
2.360E+04	1.017E-04	4.755E+03	1.693E+02	2.302E+01	6.831E+00	1.212E+02	9.854E+01	1.169E+00
2.380E+04	1.001E-04	4.845E+03	1.703E+02	2.319E+01	6.881E+00	1.251E+02	1.017E+02	1.167E+00
2.400E+04	9.853E-05	4.938E+03	1.714E+02	2.336E+01	6.934E+00	1.292E+02	1.051E+02	1.166E+00
2.420E+04	9.697E-05	5.034E+03	1.725E+02	2.353E+01	6.987E+00	1.337E+02	1.088E+02	1.164E+00
2.440E+04	9.542E-05	5.134E+03	1.736E+02	2.370E+01	7.042E+00	1.384E+02	1.126E+02	1.162E+00
2.460E+04	9.389E-05	5.237E+03	1.748E+02	2.388E+01	7.099E+00	1.433E+02	1.166E+02	1.161E+00
2.480E+04	9.237E-05	5.344E+03	1.760E+02	2.407E+01	7.157E+00	1.483E+02	1.206E+02	1.160E+00
2.500E+04	9.087E-05	5.454E+03	1.772E+02	2.425E+01	7.217E+00	1.532E+02	1.245E+02	1.159E+00

Table 1. - Continued.

P/PO = 7.00E-02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E-01	-1.718E+02	2.418E+01	6.271E-01	1.000E+00	3.512E+00	3.12E+00	1.398E+00
2.000E+02	9.564E-02	-1.705E+02	2.670E+01	8.702E-01	1.000E+00	3.891E+00	3.1E+00	1.346E+00
3.000E+02	6.376E-02	-1.690E+02	2.839E+01	1.042E+00	1.000E+00	4.475E+00	2.75E+00	1.286E+00
4.000E+02	4.782E-02	-1.672E+02	2.974E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.826E-02	-1.653E+02	3.090E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E-02	-1.633E+02	3.190E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E-02	-1.612E+02	3.280E+01	1.536E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E-02	-1.590E+02	3.361E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E-02	-1.567E+02	3.435E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E-02	-1.543E+02	3.503E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	1.734E-02	-1.519E+02	3.565E+01	1.909E+00	1.000E+00	6.639E+00	5.639E+00	1.177E+00
1.200E+03	1.594E-02	-1.494E+02	3.624E+01	1.991E+00	1.000E+00	6.754E+00	5.753E+00	1.17E+00
1.300E+03	1.471E-02	-1.469E+02	3.678E+01	2.069E+00	1.000E+00	6.871E+00	5.870E+00	1.171E+00
1.400E+03	1.366E-02	-1.444E+02	3.730E+01	2.144E+00	1.000E+00	7.024E+00	6.019E+00	1.167E+00
1.500E+03	1.275E-02	-1.418E+02	3.779E+01	2.215E+00	1.000E+00	7.268E+00	6.254E+00	1.162E+00
1.600E+03	1.194E-02	-1.391E+02	3.827E+01	2.281E+00	1.001E+00	7.689E+00	6.656E+00	1.155E+00
1.700E+03	1.122E-02	-1.361E+02	3.876E+01	2.343E+00	1.003E+00	8.406E+00	7.336E+00	1.145E+00
1.800E+03	1.057E-02	-1.329E+02	3.927E+01	2.402E+00	1.005E+00	9.573E+00	8.434E+00	1.133E+00
1.900E+03	9.966E-03	-1.290E+02	3.983E+01	2.460E+00	1.010E+00	1.136E+01	1.010E+01	1.121E+00
2.000E+03	9.392E-03	-1.244E+02	4.047E+01	2.522E+00	1.018E+00	1.395E+01	1.249E+01	1.110E+00
2.100E+03	8.835E-03	-1.187E+02	4.124E+01	2.590E+00	1.031E+00	1.747E+01	1.571E+01	1.101E+00
2.200E+03	8.283E-03	-1.115E+02	4.215E+01	2.668E+00	1.050E+00	2.200E+01	1.978E+01	1.096E+00
2.300E+03	7.729E-03	-1.025E+02	4.325E+01	2.758E+00	1.076E+00	2.749E+01	2.461E+01	1.092E+00
2.400E+03	7.171E-03	-9.130E+01	4.454E+01	2.861E+00	1.111E+00	3.369E+01	2.993E+01	1.091E+00
2.500E+03	6.615E-03	-7.778E+01	4.605E+01	2.980E+00	1.157E+00	4.018E+01	3.534E+01	1.092E+00
2.600E+03	6.071E-03	-6.152E+01	4.775E+01	3.113E+00	1.212E+00	4.639E+01	4.036E+01	1.094E+00
2.700E+03	5.531E-03	-4.391E+01	4.961E+01	3.260E+00	1.276E+00	5.179E+01	4.454E+01	1.07E+00
2.800E+03	5.065E-03	-2.414E+01	5.157E+01	3.419E+00	1.349E+00	5.600E+01	4.764E+01	1.000E+00
2.900E+03	4.621E-03	-3.062E+00	5.359E+01	3.587E+00	1.427E+00	5.888E+01	4.959E+01	1.050E+00
3.000E+03	4.223E-03	1.880E+01	5.561E+01	3.761E+00	1.510E+00	6.030E+01	5.037E+01	1.110E+00
3.100E+03	3.871E-03	4.088E+01	5.759E+01	3.938E+00	1.594E+00	5.993E+01	4.973E+01	1.116E+00
3.200E+03	3.567E-03	6.240E+01	5.946E+01	4.115E+00	1.676E+00	5.720E+01	4.730E+01	1.122E+00
3.300E+03	3.308E-03	8.244E+01	6.114E+01	4.287E+00	1.752E+00	5.182E+01	4.282E+01	1.130E+00
3.400E+03	3.095E-03	1.001E+02	6.258E+01	4.452E+00	1.818E+00	4.428E+01	3.662E+01	1.140E+00
3.500E+03	2.922E-03	1.148E+02	6.374E+01	4.608E+00	1.877E+00	3.589E+01	2.969E+01	1.153E+00
3.600E+03	2.781E-03	1.264E+02	6.464E+01	4.758E+00	1.911E+00	2.808E+01	2.315E+01	1.1700
3.700E+03	2.666E-03	1.355E+02	6.532E+01	4.907E+00	1.939E+00	2.173E+01	1.776E+01	1.1800
3.800E+03	2.570E-03	1.425E+02	6.583E+01	5.046E+00	1.959E+00	1.703E+01	1.373E+01	1.2100
3.900E+03	2.488E-03	1.481E+02	6.623E+01	5.191E+00	1.972E+00	1.377E+01	1.091E+01	1.246E+00
4.000E+03	2.415E-03	1.526E+02	6.655E+01	5.329E+00	1.981E+00	1.157E+01	8.997E+00	1.274E+00
4.100E+03	2.349E-03	1.567E+02	6.682E+01	5.458E+00	1.986E+00	1.012E+01	7.734E+00	1.300E+00
4.200E+03	2.288E-03	1.602E+02	6.705E+01	5.576E+00	1.990E+00	9.174E+00	6.908E+00	1.322E+00
4.300E+03	2.232E-03	1.635E+02	6.726E+01	5.681E+00	1.993E+00	8.562E+00	6.376E+00	1.338E+00
4.400E+03	2.179E-03	1.665E+02	6.745E+01	5.773E+00	1.995E+00	8.180E+00	6.045E+00	1.350E+00
4.500E+03	2.129E-03	1.695E+02	6.763E+01	5.854E+00	1.997E+00	7.966E+00	5.846E+00	1.356E+00
4.600E+03	2.082E-03	1.724E+02	6.781E+01	5.923E+00	1.998E+00	7.892E+00	5.807E+00	1.357E+00
4.700E+03	2.036E-03	1.753E+02	6.798E+01	5.978E+00	1.999E+00	7.959E+00	5.878E+00	1.352E+00
4.800E+03	1.993E-03	1.782E+02	6.815E+01	6.017E+00	1.999E+00	8.197E+00	6.104E+00	1.341E+00
4.900E+03	1.951E-03	1.813E+02	6.832E+01	6.039E+00	2.001E+00	8.666E+00	6.542E+00	1.323E+00
5.000E+03	1.911E-03	1.846E+02	6.850E+01	6.044E+00	2.002E+00	9.467E+00	7.283E+00	1.297E+00
5.100E+03	1.871E-03	1.883E+02	6.870E+01	6.035E+00	2.004E+00	1.075E+01	8.462E+00	1.267E+00
5.200E+03	1.832E-03	1.926E+02	6.893E+01	6.020E+00	2.008E+00	1.272E+01	1.026E+01	1.234E+00
5.300E+03	1.793E-03	1.977E+02	6.920E+01	6.008E+00	2.013E+00	1.364E+01	1.292E+01	1.203E+00
5.400E+03	1.753E-03	2.042E+02	6.953E+01	6.008E+00	2.021E+00	1.985E+01	1.671E+01	1.176E+00
5.500E+03	1.711E-03	2.125E+02	6.994E+01	6.025E+00	2.032E+00	2.568E+01	2.190E+01	1.155E+00
5.600E+03	1.667E-03	2.232E+02	7.047E+01	6.062E+00	2.049E+00	3.343E+01	2.872E+01	1.129E+00
5.700E+03	1.620E-03	2.372E+02	7.114E+01	6.121E+00	2.072E+00	4.326E+01	3.718E+01	1.128E+00
5.800E+03	1.568E-03	2.551E+02	7.200E+01	6.200E+00	2.103E+00	5.499E+01	4.708E+01	1.120E+00
5.900E+03	1.513E-03	2.776E+02	7.305E+01	6.301E+00	2.143E+00	6.810E+01	5.785E+01	1.116E+00
6.000E+03	1.453E-03	3.051E+02	7.430E+01	6.421E+00	2.194E+00	8.161E+01	6.865E+01	1.113E+00
6.100E+03	1.391E-03	3.373E+02	7.576E+01	6.559E+00	2.254E+00	9.423E+01	7.845E+01	1.113E+00
6.200E+03	1.329E-03	3.737E+02	7.738E+01	6.713E+00	2.322E+00	1.045E+02	8.622E+01	1.113E+00
6.300E+03	1.267E-03	4.133E+02	7.911E+01	6.878E+00	2.397E+00	1.111E+02	9.112E+01	1.114E+00
6.400E+03	1.208E-03	4.546E+02	8.088E+01	7.051E+00	2.475E+00	1.133E+02	9.265E+01	1.116E+00
6.500E+03	1.153E-03	4.958E+02	8.263E+01	7.225E+00	2.553E+00	1.111E+02	9.076E+01	1.119E+00
6.600E+03	1.103E-03	5.354E+02	8.428E+01	7.398E+00	2.627E+00	1.049E+02	8.589E+01	1.122E+00
6.700E+03	1.059E-03	5.722E+02	8.579E+01	7.565E+00	2.596E+00	9.592E+01	7.882E+01	1.126E+00
6.800E+03	1.020E-03	6.055E+02	8.714E+01	7.726E+00	2.757E+00	8.547E+01	7.051E+01	1.132E+00
6.900E+03	9.866E-04	6.348E+02	8.831E+01	7.879E+00	2.810E+00	7.476E+01	6.187E+01	1.138E+00
7.000E+03	9.571E-04	6.603E+02	8.931E+01	8.027E+00	2.855E+00	6.471E+01	5.365E+01	1.146E+00
7.100E+03	9.312E-04	6.823E+02	9.016E+01	8.168E+00	2.893E+00	5.585E+01	4.631E+01	1.155E+00
7.200E+03	9.082E-04	7.014E+02	9.089E+01	8.305E+00	2.925E+00	4.843E+01	4.009E+01	1.164E+00
7.300E+03	8.876E-04	7.179E+02	9.152E+01	8.436E+00	2.952E+00	4.247E+01	3.504E+01	1.174E+00
7.400E+03	8.689E-04	7.326E+02	9.206E+01	8.563E+00	2.975E+00	3.785E+01	3.109E+01	1.184E+00
7.500E+03	8.516E-04	7.458E+02	9.254E+01	8.683E+00	2.995E+00	3.441E+01	2.814E+01	1.193E+00
7.600E+03	8.355E-04	7.579E+02	9.278E+01	8.795E+00	3.012E+00	3.197E+01	2.603E+01	1.201E+00
7.700E+03	8.203E-04	7.693E+02	9.339E+01	8.899E+00	3.028E+00	3.035E+01	2.462E+01	1.207E+00
7.800E+03	8.058E-04	7.802E+02	9.377E+01	8.994E+00	3.043E+00	2.941E+01	2.380E+01	1.211E+00
7.900E+03	7.919E-04	7.909E+02	9.415E+01	9.081E+00	3.058E+00	2.902E+01	2.345E+01	1.214E+00
8.000E+03	7.785E-04	8.015E+02	9.451E+01	9.162E+00	3.072E+00	2.908E+01	2.348E+01	1.214E+00
8.200E+03	7.526E-04	8.232E+02	9.524E+01	9.309E+00	3.100E+00	3.024E+01	2.444E+01	1.212E+00



Table 1. - Continued.

T	RHO/RHO-0	M/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	7.276E-04	8.461E+02	9.599E+01	9.448E+00	3.130E+00	3.243E+01	2.625E+01	1.207E+00
8.600E+03	7.032E-04	8.708E+02	9.679E+01	9.587E+00	3.163E+00	3.335E+01	2.866E+01	1.201E+00
8.800E+03	6.793E-04	8.980E+02	9.764E+01	9.731E+00	3.200E+00	3.481E+01	3.149E+01	1.195E+00
9.000E+03	6.558E-04	9.278E+02	9.856E+01	9.884E+00	3.241E+00	4.266E+01	3.461E+01	1.191E+00
9.200E+03	6.324E-04	9.605E+02	9.954E+01	1.005E+01	3.287E+00	4.678E+01	3.792E+01	1.186E+00
9.400E+03	6.097E-04	9.963E+02	1.006E+02	1.022E+01	3.337E+00	5.109E+01	4.133E+01	1.183E+00
9.600E+03	5.873E-04	1.035E+03	1.017E+02	1.040E+01	3.393E+00	5.550E+01	4.479E+01	1.180E+00
9.800E+03	5.652E-04	1.078E+03	1.029E+02	1.059E+01	3.454E+00	5.996E+01	4.824E+01	1.176E+00
1.000E+04	5.436E-04	1.123E+03	1.042E+02	1.079E+01	3.519E+00	6.442E+01	5.167E+01	1.175E+00
1.020E+04	5.226E-04	1.172E+03	1.055E+02	1.100E+01	3.588E+00	6.889E+01	5.510E+01	1.175E+00
1.040E+04	5.022E-04	1.224E+03	1.069E+02	1.121E+01	3.662E+00	7.341E+01	5.855E+01	1.173E+00
1.060E+04	4.824E-04	1.279E+03	1.083E+02	1.143E+01	3.741E+00	7.801E+01	6.207E+01	1.172E+00
1.080E+04	4.633E-04	1.338E+03	1.098E+02	1.166E+01	3.823E+00	8.285E+01	6.572E+01	1.171E+00
1.100E+04	4.447E-04	1.401E+03	1.114E+02	1.190E+01	3.910E+00	8.788E+01	6.952E+01	1.170E+00
1.120E+04	4.268E-04	1.467E+03	1.130E+02	1.214E+01	4.002E+00	9.312E+01	7.345E+01	1.169E+00
1.140E+04	4.095E-04	1.537E+03	1.147E+02	1.239E+01	4.097E+00	9.849E+01	7.746E+01	1.168E+00
1.160E+04	3.929E-04	1.611E+03	1.165E+02	1.265E+01	4.198E+00	1.038E+02	8.140E+01	1.168E+00
1.180E+04	3.768E-04	1.689E+03	1.183E+02	1.291E+01	4.302E+00	1.089E+02	8.511E+01	1.168E+00
1.200E+04	3.614E-04	1.771E+03	1.201E+02	1.319E+01	4.411E+00	1.134E+02	8.838E+01	1.168E+00
1.220E+04	3.467E-04	1.855E+03	1.221E+02	1.347E+01	4.522E+00	1.171E+02	9.098E+01	1.169E+00
1.240E+04	3.328E-04	1.942E+03	1.240E+02	1.375E+01	4.636E+00	1.196E+02	9.272E+01	1.170E+00
1.260E+04	3.196E-04	2.030E+03	1.259E+02	1.404E+01	4.750E+00	1.207E+02	9.343E+01	1.172E+00
1.280E+04	3.073E-04	2.118E+03	1.278E+02	1.434E+01	4.863E+00	1.202E+02	9.301E+01	1.174E+00
1.300E+04	2.958E-04	2.206E+03	1.296E+02	1.463E+01	4.974E+00	1.181E+02	9.141E+01	1.177E+00
1.320E+04	2.852E-04	2.291E+03	1.314E+02	1.492E+01	5.081E+00	1.145E+02	8.870E+01	1.180E+00
1.340E+04	2.754E-04	2.377E+03	1.331E+02	1.521E+01	5.183E+00	1.096E+02	8.498E+01	1.184E+00
1.360E+04	2.665E-04	2.451E+03	1.347E+02	1.549E+01	5.278E+00	1.036E+02	8.045E+01	1.188E+00
1.380E+04	2.585E-04	2.524E+03	1.362E+02	1.577E+01	5.366E+00	9.685E+01	7.571E+01	1.193E+00
1.400E+04	2.509E-04	2.593E+03	1.375E+02	1.604E+01	5.446E+00	8.970E+01	6.950E+01	1.199E+00
1.420E+04	2.441E-04	2.656E+03	1.387E+02	1.631E+01	5.518E+00	8.245E+01	6.250E+01	1.206E+00
1.440E+04	2.380E-04	2.714E+03	1.398E+02	1.657E+01	5.582E+00	7.516E+01	5.671E+01	1.214E+00
1.460E+04	2.324E-04	2.766E+03	1.408E+02	1.682E+01	5.638E+00	6.863E+01	5.341E+01	1.222E+00
1.480E+04	2.272E-04	2.814E+03	1.417E+02	1.708E+01	5.688E+00	6.239E+01	4.846E+01	1.232E+00
1.500E+04	2.225E-04	2.858E+03	1.425E+02	1.733E+01	5.731E+00	5.672E+01	4.392E+01	1.242E+00
1.520E+04	2.182E-04	2.897E+03	1.432E+02	1.758E+01	5.768E+00	5.167E+01	3.985E+01	1.253E+00
1.540E+04	2.142E-04	2.934E+03	1.439E+02	1.782E+01	5.800E+00	4.723E+01	3.624E+01	1.264E+00
1.560E+04	2.104E-04	2.967E+03	1.445E+02	1.806E+01	5.828E+00	4.337E+01	3.310E+01	1.276E+00
1.580E+04	2.069E-04	2.997E+03	1.450E+02	1.830E+01	5.852E+00	4.007E+01	3.040E+01	1.288E+00
1.600E+04	2.036E-04	3.026E+03	1.455E+02	1.853E+01	5.873E+00	3.727E+01	2.810E+01	1.299E+00
1.620E+04	2.005E-04	3.052E+03	1.459E+02	1.875E+01	5.891E+00	3.494E+01	2.619E+01	1.310E+00
1.640E+04	1.975E-04	3.077E+03	1.463E+02	1.897E+01	5.906E+00	3.303E+01	2.462E+01	1.320E+00
1.660E+04	1.947E-04	3.100E+03	1.467E+02	1.917E+01	5.920E+00	3.150E+01	2.337E+01	1.329E+00
1.680E+04	1.919E-04	3.123E+03	1.471E+02	1.935E+01	5.932E+00	3.033E+01	2.242E+01	1.336E+00
1.700E+04	1.893E-04	3.145E+03	1.474E+02	1.952E+01	5.943E+00	2.948E+01	2.174E+01	1.341E+00
1.720E+04	1.868E-04	3.166E+03	1.478E+02	1.967E+01	5.953E+00	2.894E+01	2.132E+01	1.343E+00
1.740E+04	1.844E-04	3.187E+03	1.481E+02	1.980E+01	5.962E+00	2.870E+01	2.115E+01	1.343E+00
1.760E+04	1.820E-04	3.208E+03	1.485E+02	1.991E+01	5.971E+00	2.874E+01	2.123E+01	1.341E+00
1.780E+04	1.797E-04	3.229E+03	1.488E+02	2.000E+01	5.979E+00	2.906E+01	2.155E+01	1.336E+00
1.800E+04	1.775E-04	3.251E+03	1.491E+02	2.008E+01	5.988E+00	2.957E+01	2.211E+01	1.330E+00
1.820E+04	1.753E-04	3.273E+03	1.494E+02	2.014E+01	5.996E+00	3.057E+01	2.293E+01	1.321E+00
1.840E+04	1.731E-04	3.296E+03	1.498E+02	2.019E+01	6.005E+00	3.176E+01	2.400E+01	1.311E+00
1.860E+04	1.710E-04	3.320E+03	1.501E+02	2.023E+01	6.015E+00	3.326E+01	2.532E+01	1.300E+00
1.880E+04	1.689E-04	3.345E+03	1.505E+02	2.027E+01	6.026E+00	3.507E+01	2.692E+01	1.289E+00
1.900E+04	1.668E-04	3.371E+03	1.509E+02	2.030E+01	6.037E+00	3.720E+01	2.878E+01	1.278E+00
1.920E+04	1.647E-04	3.395E+03	1.513E+02	2.034E+01	6.049E+00	3.965E+01	3.091E+01	1.267E+00
1.940E+04	1.626E-04	3.429E+03	1.517E+02	2.039E+01	6.063E+00	4.241E+01	3.330E+01	1.256E+00
1.960E+04	1.605E-04	3.461E+03	1.522E+02	2.043E+01	6.079E+00	4.548E+01	3.594E+01	1.246E+00
1.980E+04	1.585E-04	3.496E+03	1.526E+02	2.049E+01	6.096E+00	4.883E+01	3.880E+01	1.237E+00
2.000E+04	1.564E-04	3.533E+03	1.531E+02	2.056E+01	6.115E+00	5.244E+01	4.198E+01	1.228E+00
2.020E+04	1.543E-04	3.573E+03	1.537E+02	2.063E+01	6.136E+00	5.628E+01	4.512E+01	1.221E+00
2.040E+04	1.522E-04	3.615E+03	1.543E+02	2.072E+01	6.159E+00	6.023E+01	4.848E+01	1.214E+00
2.060E+04	1.501E-04	3.661E+03	1.549E+02	2.081E+01	6.185E+00	6.441E+01	5.193E+01	1.208E+00
2.080E+04	1.480E-04	3.710E+03	1.555E+02	2.091E+01	6.212E+00	6.860E+01	5.542E+01	1.203E+00
2.100E+04	1.459E-04	3.761E+03	1.562E+02	2.102E+01	6.242E+00	7.279E+01	5.888E+01	1.199E+00
2.120E+04	1.438E-04	3.816E+03	1.569E+02	2.114E+01	6.273E+00	7.693E+01	6.228E+01	1.195E+00
2.140E+04	1.417E-04	3.874E+03	1.576E+02	2.127E+01	6.307E+00	8.096E+01	6.558E+01	1.192E+00
2.160E+04	1.396E-04	3.935E+03	1.584E+02	2.141E+01	6.343E+00	8.484E+01	6.874E+01	1.189E+00
2.180E+04	1.375E-04	3.998E+03	1.592E+02	2.155E+01	6.380E+00	8.853E+01	7.175E+01	1.187E+00
2.200E+04	1.354E-04	4.064E+03	1.600E+02	2.169E+01	6.419E+00	9.206E+01	7.460E+01	1.184E+00
2.220E+04	1.333E-04	4.133E+03	1.609E+02	2.184E+01	6.460E+00	9.539E+01	7.730E+01	1.183E+00
2.240E+04	1.313E-04	4.204E+03	1.617E+02	2.200E+01	6.502E+00	9.850E+01	7.987E+01	1.181E+00
2.260E+04	1.293E-04	4.277E+03	1.626E+02	2.215E+01	6.545E+00	1.016E+02	8.234E+01	1.179E+00
2.280E+04	1.273E-04	4.353E+03	1.635E+02	2.231E+01	6.589E+00	1.046E+02	8.476E+01	1.178E+00
2.300E+04	1.254E-04	4.431E+03	1.645E+02	2.247E+01	6.635E+00	1.075E+02	8.719E+01	1.176E+00
2.320E+04	1.234E-04	4.510E+03	1.654E+02	2.263E+01	6.681E+00	1.103E+02	8.966E+01	1.175E+00
2.340E+04	1.215E-04	4.592E+03	1.664E+02	2.279E+01	6.728E+00	1.137E+02	9.224E+01	1.173E+00
2.360E+04	1.196E-04	4.677E+03	1.674E+02	2.296E+01	6.776E+00	1.170E+02	9.497E+01	1.172E+00
2.380E+04	1.178E-04	4.754E+03	1.684E+02	2.312E+01	6.826E+00	1.205E+02	9.788E+01	1.170E+00
2.400E+04	1.159E-04	4.833E+03	1.694E+02	2.329E+01	6.876E+00	1.243E+02	1.010E+02	1.168E+00
2.420E+04	1.141E-04	4.914E+03	1.704E+02	2.346E+01	6.928E+00	1.284E+02	1.043E+02	1.167E+00
2.440E+04	1.123E-04	5.002E+03	1.715E+02	2.363E+01	6.981E+00	1.328E+02	1.079E+02	1.165E+00
2.460E+04	1.105E-04	5.140E+03	1.726E+02	2.380E+01	7.035E+00	1.373E+02	1.116E+02	1.164E+00
2.480E+04	1.088E-04	5.243E+03	1.737E+02	2.398E+01	7.091E+00	1.420E+02	1.154E+02	1.162E+00
2.500E+04	1.070E-04	5.348E+03	1.749E+02	2.416E+01	7.149E+00	1.468E+02	1.192E+02	1.161E+00



Table I. - Continued.

P/PO = 8.00E-02

I	RMQ/RHJ-0	H/RT0	S/P	A/A0	Z	CP/R	LV/R	GAMMA
1.000E+02	2.186E-01	-1.718E+02	2.404E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E-01	-1.705E+02	2.656E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E-02	-1.690E+02	2.825E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.455E-02	-1.672E+02	2.961E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E-02	-1.653E+02	3.076E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E-02	-1.633E+02	3.177E+01	1.431E+00	1.000E+00	5.685E+00	4.686E+00	1.213E+00
7.000E+02	3.123E-02	-1.612E+02	3.267E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E-02	-1.590E+02	3.348E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E-02	-1.567E+02	3.422E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E-02	-1.543E+02	3.489E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
2.100E+03	1.987E-02	-1.519E+02	3.552E+01	1.909E+00	1.000E+00	6.639E+00	5.639E+00	1.177E+00
1.200E+03	1.822E-02	-1.494E+02	3.610E+01	1.971E+00	1.000E+00	6.753E+00	5.753E+00	1.174E+00
1.300E+03	1.682E-02	-1.469E+02	3.665E+01	2.009E+00	1.000E+00	6.870E+00	5.868E+00	1.171E+00
1.400E+03	1.561E-02	-1.444E+02	3.716E+01	2.144E+00	1.000E+00	7.019E+00	6.014E+00	1.167E+00
1.500E+03	1.457E-02	-1.418E+02	3.765E+01	2.215E+00	1.000E+00	7.255E+00	6.242E+00	1.162E+00
1.600E+03	1.365E-02	-1.391E+02	3.813E+01	2.281E+00	1.001E+00	7.660E+00	6.629E+00	1.155E+00
1.700E+03	1.283E-02	-1.362E+02	3.862E+01	2.343E+00	1.002E+00	8.349E+00	7.281E+00	1.146E+00
1.800E+03	1.204E-02	-1.329E+02	3.912E+01	2.402E+00	1.005E+00	9.467E+00	8.333E+00	1.134E+00
1.900E+03	1.139E-02	-1.292E+02	3.968E+01	2.461E+00	1.010E+00	1.118E+01	9.932E+00	1.122E+00
2.000E+03	1.074E-02	-1.246E+02	4.031E+01	2.522E+00	1.018E+00	1.366E+01	1.222E+01	1.111E+00
2.100E+03	1.011E-02	-1.190E+02	4.105E+01	2.589E+00	1.030E+00	1.704E+01	1.531E+01	1.102E+00
2.200E+03	9.485E-03	-1.120E+02	4.195E+01	2.666E+00	1.048E+00	2.139E+01	1.923E+01	1.096E+00
2.300E+03	8.859E-03	-1.033E+02	4.301E+01	2.754E+00	1.073E+00	2.668E+01	2.389E+01	1.093E+00
2.400E+03	8.230E-03	-9.241E+01	4.427E+01	2.856E+00	1.107E+00	3.268E+01	2.906E+01	1.092E+00
2.500E+03	7.602E-03	-7.929E+01	4.573E+01	2.972E+00	1.150E+00	3.902E+01	3.435E+01	1.092E+00
2.600E+03	6.985E-03	-6.387E+01	4.731E+01	3.103E+00	1.204E+00	4.514E+01	3.931E+01	1.094E+00
2.700E+03	6.394E-03	-4.632E+01	4.919E+01	3.248E+00	1.266E+00	5.053E+01	4.350E+01	1.097E+00
2.800E+03	5.841E-03	-2.700E+01	5.111E+01	3.404E+00	1.337E+00	5.480E+01	4.667E+01	1.100E+00
2.900E+03	5.334E-03	-6.353E+00	5.309E+01	3.569E+00	1.413E+00	5.780E+01	4.873E+01	1.105E+00
3.000E+03	4.877E-03	1.515E+01	5.508E+01	3.741E+00	1.494E+00	5.943E+01	4.968E+01	1.110E+00
3.100E+03	4.472E-03	3.696E+01	5.703E+01	3.917E+00	1.577E+00	5.942E+01	4.934E+01	1.115E+00
3.200E+03	4.119E-03	5.840E+01	5.889E+01	4.093E+00	1.659E+00	5.728E+01	4.730E+01	1.122E+00
3.300E+03	3.818E-03	7.860E+01	6.059E+01	4.265E+00	1.735E+00	5.261E+01	4.343E+01	1.129E+00
3.400E+03	3.567E-03	9.665E+01	6.206E+01	4.431E+00	1.803E+00	4.569E+01	3.774E+01	1.139E+00
3.500E+03	3.361E-03	1.119E+02	6.327E+01	4.588E+00	1.858E+00	3.760E+01	3.107E+01	1.151E+00
3.600E+03	3.195E-03	1.242E+02	6.422E+01	4.738E+00	1.901E+00	2.975E+01	2.453E+01	1.166E+00
3.700E+03	3.059E-03	1.338E+02	6.494E+01	4.884E+00	1.932E+00	2.315E+01	1.896E+01	1.186E+00
3.800E+03	2.945E-03	1.414E+02	6.549E+01	5.027E+00	1.953E+00	1.813E+01	1.467E+01	1.211E+00
3.900E+03	2.848E-03	1.473E+02	6.591E+01	5.170E+00	1.968E+00	1.457E+01	1.159E+01	1.238E+00
4.000E+03	2.763E-03	1.522E+02	6.625E+01	5.308E+00	1.978E+00	1.214E+01	9.485E+00	1.268E+00
4.100E+03	2.687E-03	1.563E+02	6.652E+01	5.439E+00	1.985E+00	1.051E+01	8.074E+00	1.293E+00
4.200E+03	2.617E-03	1.599E+02	6.676E+01	5.560E+00	1.989E+00	9.445E+00	7.143E+00	1.315E+00
4.300E+03	2.552E-03	1.633E+02	6.698E+01	5.668E+00	1.997E+00	8.749E+00	6.537E+00	1.333E+00
4.400E+03	2.491E-03	1.664E+02	6.717E+01	5.764E+00	1.994E+00	8.306E+00	6.153E+00	1.345E+00
4.500E+03	2.434E-03	1.694E+02	6.736E+01	5.848E+00	1.996E+00	8.044E+00	5.930E+00	1.354E+00
4.600E+03	2.380E-03	1.723E+02	6.753E+01	5.920E+00	1.997E+00	7.929E+00	5.837E+00	1.356E+00
4.700E+03	2.328E-03	1.752E+02	6.770E+01	5.979E+00	1.998E+00	7.934E+00	5.809E+00	1.353E+00
4.800E+03	2.278E-03	1.781E+02	6.787E+01	6.023E+00	1.999E+00	8.138E+00	6.047E+00	1.344E+00
4.900E+03	2.231E-03	1.812E+02	6.804E+01	6.051E+00	2.000E+00	8.533E+00	6.417E+00	1.328E+00
5.000E+03	2.184E-03	1.844E+02	6.822E+01	6.060E+00	2.002E+00	9.224E+00	7.057E+00	1.305E+00
5.100E+03	2.139E-03	1.880E+02	6.842E+01	6.055E+00	2.004E+00	1.034E+01	8.083E+00	1.276E+00
5.200E+03	2.095E-03	1.921E+02	6.863E+01	6.042E+00	2.007E+00	1.207E+01	9.665E+00	1.244E+00
5.300E+03	2.051E-03	1.969E+02	6.888E+01	6.028E+00	2.011E+00	1.464E+01	1.201E+01	1.212E+00
5.400E+03	2.005E-03	2.029E+02	6.919E+01	6.025E+00	2.018E+00	1.837E+01	1.537E+01	1.164E+00
5.500E+03	1.940E-03	2.105E+02	6.957E+01	6.037E+00	2.028E+00	2.357E+01	2.002E+01	1.161E+00
5.600E+03	1.911E-03	2.204E+02	7.005E+01	6.058E+00	2.043E+00	3.056E+01	2.618E+01	1.144E+00
5.700E+03	1.859E-03	2.332E+02	7.068E+01	6.119E+00	2.064E+00	3.932E+01	3.396E+01	1.132E+00
5.800E+03	1.802E-03	2.496E+02	7.145E+01	6.192E+00	2.092E+00	5.042E+01	4.321E+01	1.123E+00
5.900E+03	1.741E-03	2.703E+02	7.242E+01	6.284E+00	2.128E+00	6.286E+01	5.352E+01	1.118E+00
6.000E+03	1.676E-03	2.957E+02	7.359E+01	6.397E+00	2.175E+00	7.605E+01	6.416E+01	1.115E+00
6.100E+03	1.607E-03	3.259E+02	7.495E+01	6.528E+00	2.230E+00	8.882E+01	7.419E+01	1.113E+00
6.200E+03	1.536E-03	3.605E+02	7.649E+01	6.676E+00	2.295E+00	9.984E+01	8.261E+01	1.113E+00
6.300E+03	1.466E-03	3.986E+02	7.815E+01	6.835E+00	2.357E+00	1.078E+02	8.854E+01	1.114E+00
6.400E+03	1.398E-03	4.390E+02	7.989E+01	7.005E+00	2.443E+00	1.117E+02	9.136E+01	1.116E+00
6.500E+03	1.334E-03	4.799E+02	8.162E+01	7.178E+00	2.520E+00	1.113E+02	9.085E+01	1.118E+00
6.600E+03	1.276E-03	5.199E+02	8.329E+01	7.351E+00	2.566E+00	1.067E+02	8.725E+01	1.121E+00
6.700E+03	1.224E-03	5.577E+02	8.484E+01	7.520E+00	2.666E+00	9.902E+01	8.117E+01	1.125E+00
6.800E+03	1.178E-03	5.922E+02	8.624E+01	7.683E+00	2.730E+00	8.931E+01	7.349E+01	1.130E+00
6.900E+03	1.137E-03	6.230E+02	8.747E+01	7.839E+00	2.786E+00	7.886E+01	6.512E+01	1.136E+00
7.000E+03	1.102E-03	6.500E+02	8.853E+01	7.988E+00	2.834E+00	5.47E+01	5.584E+01	1.143E+00
7.100E+03	1.071E-03	6.734E+02	8.943E+01	8.131E+00	2.875E+00	5.33E+01	4.924E+01	1.15E+00
7.200E+03	1.043E-03	6.936E+02	9.021E+01	8.270E+00	2.910E+00	5.145E+01	4.262E+01	1.160E+00
7.300E+03	1.019E-03	7.113E+02	9.087E+01	8.403E+00	2.939E+00	4.496E+01	3.712E+01	1.170E+00
7.400E+03	9.969E-04	7.267E+02	9.145E+01	8.532E+00	2.964E+00	3.980E+01	3.274E+01	1.180E+00
7.500E+03	9.766E-04	7.405E+02	9.195E+01	8.655E+00	2.985E+00	3.586E+01	2.936E+01	1.190E+00
7.600E+03	9.578E-04	7.531E+02	9.241E+01	8.771E+00	3.003E+00	3.297E+01	2.688E+01	1.198E+00
7.700E+03	9.402E-04	7.648E+02	9.283E+01	8.879E+00	3.020E+00	3.097E+01	2.514E+01	1.203E+00
7.800E+03	9.235E-04	7.759E+02	9.322E+01	8.978E+00	3.035E+00	2.969E+01	2.403E+01	1.210E+00
7.900E+03	9.075E-04	7.866E+02	9.359E+01	9.070E+00	3.049E+00	2.902E+01	2.343E+01	1.214E+00
8.000E+03	8.920E-04	7.972E+02	9.395E+01	9.154E+00	3.063E+00	2.863E+01	2.325E+01	1.215E+00
8.200E+03	8.425E-04	8.185E+02	9.467E+01	9.306E+00	3.091E+00	2.957E+01	2.386E+01	1.214E+00

Table I. - Continued.

T	RHO/RH-0	H/RT0	S/R	A/AU	Z	CP/R	CV/R	GAMMA
8.400E+03	8.341E-04	8.408E+02	9.540E+01	9.446E+00	3.120E+00	3.143E+01	2.539E+01	1.210E+00
8.500E+03	8.065E-04	8.647E+02	9.617E+01	9.583E+00	3.152E+00	3.407E+01	2.758E+01	1.204E+00
8.800E+03	7.795E-04	8.908E+02	9.699E+01	9.724E+00	3.187E+00	3.728E+01	3.021E+01	1.199E+00
9.000E+03	7.529E-04	9.194E+02	9.787E+01	9.873E+00	3.226E+00	4.091E+01	3.316E+01	1.194E+00
9.200E+03	7.268E-04	9.508E+02	9.881E+01	1.003E+01	3.270E+00	4.485E+01	3.633E+01	1.189E+00
9.400E+03	7.010E-04	9.851E+02	9.982E+01	1.020E+01	3.318E+00	4.901E+01	3.963E+01	1.185E+00
9.600E+03	6.756E-04	1.023E+03	1.009E+02	1.038E+01	3.371E+00	5.329E+01	4.300E+01	1.183E+00
9.800E+03	6.506E-04	1.063E+03	1.029E+02	1.056E+01	3.429E+00	5.764E+01	4.634E+01	1.180E+00
1.000E+04	6.262E-04	1.107E+03	1.032E+02	1.076E+01	3.491E+00	6.202E+01	4.976E+01	1.178E+00
1.020E+04	6.024E-04	1.154E+03	1.045E+02	1.096E+01	3.558E+00	6.641E+01	5.312E+01	1.177E+00
1.040E+04	5.792E-04	1.204E+03	1.059E+02	1.117E+01	3.630E+00	7.084E+01	5.650E+01	1.175E+00
1.060E+04	5.566E-04	1.258E+03	1.072E+02	1.139E+01	3.705E+00	7.535E+01	5.993E+01	1.174E+00
1.080E+04	5.348E-04	1.315E+03	1.087E+02	1.161E+01	3.785E+00	8.000E+01	6.346E+01	1.173E+00
1.100E+04	5.137E-04	1.375E+03	1.102E+02	1.184E+01	3.869E+00	8.484E+01	6.711E+01	1.171E+00
1.120E+04	4.933E-04	1.439E+03	1.118E+02	1.208E+01	3.957E+00	8.989E+01	7.091E+01	1.170E+00
1.140E+04	4.735E-04	1.507E+03	1.134E+02	1.232E+01	4.050E+00	9.509E+01	7.479E+01	1.170E+00
1.160E+04	4.545E-04	1.578E+03	1.151E+02	1.258E+01	4.147E+00	1.003E+02	7.867E+01	1.169E+00
1.180E+04	4.361E-04	1.654E+03	1.169E+02	1.284E+01	4.248E+00	1.054E+02	8.241E+01	1.169E+00
1.200E+04	4.185E-04	1.732E+03	1.187E+02	1.311E+01	4.353E+00	1.101E+02	8.581E+01	1.169E+00
1.220E+04	4.018E-04	1.815E+03	1.205E+02	1.338E+01	4.462E+00	1.141E+02	8.868E+01	1.170E+00
1.240E+04	3.855E-04	1.899E+03	1.224E+02	1.366E+01	4.573E+00	1.171E+02	9.082E+01	1.171E+00
1.260E+04	3.703E-04	1.986E+03	1.243E+02	1.395E+01	4.685E+00	1.190E+02	9.205E+01	1.172E+00
1.280E+04	3.560E-04	2.073E+03	1.262E+02	1.424E+01	4.798E+00	1.193E+02	9.225E+01	1.174E+00
1.300E+04	3.426E-04	2.150E+03	1.280E+02	1.453E+01	4.909E+00	1.182E+02	9.134E+01	1.176E+00
1.320E+04	3.301E-04	2.246E+03	1.298E+02	1.482E+01	5.017E+00	1.155E+02	8.932E+01	1.179E+00
1.340E+04	3.186E-04	2.329E+03	1.315E+02	1.511E+01	5.120E+00	1.115E+02	8.628E+01	1.183E+00
1.360E+04	3.080E-04	2.409E+03	1.331E+02	1.539E+01	5.218E+00	1.063E+02	8.234E+01	1.187E+00
1.380E+04	2.984E-04	2.485E+03	1.347E+02	1.567E+01	5.309E+00	1.001E+02	7.771E+01	1.191E+00
1.400E+04	2.897E-04	2.555E+03	1.360E+02	1.594E+01	5.393E+00	9.342E+01	7.259E+01	1.197E+00
1.420E+04	2.815E-04	2.621E+03	1.373E+02	1.621E+01	5.469E+00	8.641E+01	6.722E+01	1.203E+00
1.440E+04	2.742E-04	2.682E+03	1.385E+02	1.648E+01	5.537E+00	7.940E+01	6.179E+01	1.210E+00
1.460E+04	2.675E-04	2.738E+03	1.395E+02	1.673E+01	5.598E+00	7.261E+01	5.648E+01	1.218E+00
1.480E+04	2.614E-04	2.788E+03	1.405E+02	1.699E+01	5.652E+00	6.621E+01	5.143E+01	1.227E+00
1.500E+04	2.558E-04	2.835E+03	1.413E+02	1.724E+01	5.695E+00	6.030E+01	4.674E+01	1.236E+00
1.520E+04	2.506E-04	2.877E+03	1.421E+02	1.749E+01	5.740E+00	5.496E+01	4.244E+01	1.246E+00
1.540E+04	2.458E-04	2.915E+03	1.428E+02	1.773E+01	5.775E+00	5.021E+01	3.863E+01	1.257E+00
1.560E+04	2.414E-04	2.951E+03	1.434E+02	1.797E+01	5.806E+00	4.604E+01	3.524E+01	1.268E+00
1.580E+04	2.372E-04	2.983E+03	1.440E+02	1.821E+01	5.832E+00	4.242E+01	3.230E+01	1.280E+00
1.600E+04	2.333E-04	3.013E+03	1.445E+02	1.845E+01	5.855E+00	3.932E+01	2.976E+01	1.291E+00
1.620E+04	2.297E-04	3.041E+03	1.449E+02	1.867E+01	5.875E+00	3.671E+01	2.762E+01	1.302E+00
1.640E+04	2.262E-04	3.067E+03	1.454E+02	1.889E+01	5.893E+00	3.453E+01	2.583E+01	1.313E+00
1.660E+04	2.229E-04	3.091E+03	1.458E+02	1.910E+01	5.908E+00	3.275E+01	2.438E+01	1.322E+00
1.680E+04	2.198E-04	3.115E+03	1.462E+02	1.929E+01	5.921E+00	3.134E+01	2.323E+01	1.330E+00
1.700E+04	2.167E-04	3.137E+03	1.465E+02	1.947E+01	5.933E+00	3.026E+01	2.236E+01	1.336E+00
1.720E+04	2.138E-04	3.159E+03	1.469E+02	1.963E+01	5.944E+00	2.950E+01	2.175E+01	1.340E+00
1.740E+04	2.110E-04	3.181E+03	1.472E+02	1.978E+01	5.954E+00	2.904E+01	2.140E+01	1.342E+00
1.760E+04	2.083E-04	3.202E+03	1.476E+02	1.990E+01	5.963E+00	2.886E+01	2.130E+01	1.342E+00
1.780E+04	2.057E-04	3.223E+03	1.479E+02	2.001E+01	5.972E+00	2.897E+01	2.143E+01	1.339E+00
1.800E+04	2.031E-04	3.244E+03	1.482E+02	2.010E+01	5.980E+00	2.935E+01	2.180E+01	1.334E+00
1.820E+04	2.005E-04	3.265E+03	1.485E+02	2.017E+01	5.989E+00	3.002E+01	2.241E+01	1.327E+00
1.840E+04	1.981E-04	3.288E+03	1.489E+02	2.023E+01	5.998E+00	3.097E+01	2.327E+01	1.318E+00
1.860E+04	1.957E-04	3.311E+03	1.492E+02	2.028E+01	6.007E+00	3.221E+01	2.438E+01	1.309E+00
1.880E+04	1.933E-04	3.335E+03	1.496E+02	2.032E+01	6.017E+00	3.375E+01	2.574E+01	1.298E+00
1.900E+04	1.909E-04	3.361E+03	1.499E+02	2.036E+01	6.028E+00	3.560E+01	2.736E+01	1.287E+00
1.920E+04	1.885E-04	3.388E+03	1.503E+02	2.040E+01	6.039E+00	3.775E+01	2.924E+01	1.276E+00
1.940E+04	1.862E-04	3.416E+03	1.507E+02	2.044E+01	6.052E+00	4.022E+01	3.138E+01	1.265E+00
1.960E+04	1.839E-04	3.447E+03	1.511E+02	2.048E+01	6.065E+00	4.299E+01	3.377E+01	1.254E+00
1.980E+04	1.815E-04	3.479E+03	1.516E+02	2.053E+01	6.082E+00	4.605E+01	3.639E+01	1.245E+00
2.000E+04	1.792E-04	3.514E+03	1.521E+02	2.059E+01	6.100E+00	4.938E+01	3.924E+01	1.236E+00
2.020E+04	1.774E-04	3.552E+03	1.526E+02	2.066E+01	6.119E+00	5.295E+01	4.227E+01	1.228E+00
2.040E+04	1.755E-04	3.592E+03	1.531E+02	2.074E+01	6.140E+00	5.674E+01	4.547E+01	1.221E+00
2.060E+04	1.722E-04	3.635E+03	1.537E+02	2.082E+01	6.164E+00	6.058E+01	4.878E+01	1.214E+00
2.080E+04	1.698E-04	3.681E+03	1.543E+02	2.092E+01	6.189E+00	6.473E+01	5.216E+01	1.208E+00
2.100E+04	1.675E-04	3.730E+03	1.549E+02	2.102E+01	6.216E+00	6.884E+01	5.557E+01	1.204E+00
2.120E+04	1.651E-04	3.781E+03	1.556E+02	2.114E+01	6.246E+00	7.295E+01	5.896E+01	1.199E+00
2.140E+04	1.627E-04	3.836E+03	1.563E+02	2.126E+01	6.278E+00	7.700E+01	6.229E+01	1.196E+00
2.160E+04	1.604E-04	3.894E+03	1.570E+02	2.138E+01	6.311E+00	8.096E+01	6.551E+01	1.192E+00
2.180E+04	1.580E-04	3.955E+03	1.578E+02	2.152E+01	6.347E+00	8.477E+01	6.862E+01	1.190E+00
2.200E+04	1.557E-04	4.018E+03	1.586E+02	2.166E+01	6.384E+00	8.841E+01	7.158E+01	1.187E+00
2.220E+04	1.533E-04	4.084E+03	1.594E+02	2.180E+01	6.423E+00	9.189E+01	7.439E+01	1.185E+00
2.240E+04	1.510E-04	4.153E+03	1.603E+02	2.195E+01	6.463E+00	9.519E+01	7.706E+01	1.183E+00
2.260E+04	1.487E-04	4.224E+03	1.611E+02	2.211E+01	6.505E+00	9.834E+01	7.962E+01	1.182E+00
2.280E+04	1.464E-04	4.297E+03	1.620E+02	2.226E+01	6.548E+00	1.014E+02	8.209E+01	1.180E+00
2.300E+04	1.442E-04	4.372E+03	1.629E+02	2.242E+01	6.592E+00	1.044E+02	8.452E+01	1.178E+00
2.320E+04	1.420E-04	4.450E+03	1.638E+02	2.258E+01	6.637E+00	1.074E+02	8.696E+01	1.177E+00
2.340E+04	1.398E-04	4.528E+03	1.647E+02	2.274E+01	6.683E+00	1.104E+02	8.945E+01	1.175E+00
2.360E+04	1.376E-04	4.611E+03	1.657E+02	2.290E+01	6.730E+00	1.135E+02	9.203E+01	1.174E+00
2.380E+04	1.355E-04	4.696E+03	1.667E+02	2.306E+01	6.778E+00	1.169E+02	9.476E+01	1.172E+00
2.400E+04	1.334E-04	4.783E+03	1.677E+02	2.323E+01	6.827E+00	1.204E+02	9.766E+01	1.171E+00
2.420E+04	1.314E-04	4.872E+03	1.687E+02	2.340E+01	6.877E+00	1.242E+02	1.008E+02	1.169E+00
2.440E+04	1.293E-04	4.964E+03	1.697E+02	2.356E+01	6.929E+00	1.282E+02	1.040E+02	1.168E+00
2.460E+04	1.273E-04	5.060E+03	1.708E+02	2.374E+01	6.982E+00	1.325E+02	1.075E+02	1.166E+00
2.480E+04	1.253E-04	5.158E+03	1.719E+02	2.391E+01	7.036E+00	1.369E+02	1.111E+02	1.165E+00
2.500E+04	1.233E-04	5.260E+03	1.730E+02	2.409E+01	7.092E+00	1.415E+02	1.148E+02	1.163E+00

Table I. - Continued.

P/P0 = 9.00E-02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E-01	-1.718E+02	2.392E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E-01	-1.705E+02	2.645E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E-02	-1.690E+02	2.814E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E-02	-1.672E+02	2.949E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E-02	-1.653E+02	3.065E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E-02	-1.633E+02	3.165E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E-02	-1.612E+02	3.255E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E-02	-1.590E+02	3.336E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E-02	-1.567E+02	3.410E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E-02	-1.543E+02	3.478E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	2.236E-02	-1.519E+02	3.540E+01	1.909E+00	1.000E+00	6.639E+00	5.639E+00	1.177E+00
1.200E+03	2.050E-02	-1.494E+02	3.599E+01	1.991E+00	1.000E+00	6.753E+00	5.753E+00	1.174E+00
1.300E+03	1.892E-02	-1.469E+02	3.653E+01	2.069E+00	1.000E+00	6.868E+00	5.868E+00	1.171E+00
1.400E+03	1.756E-02	-1.444E+02	3.704E+01	2.144E+00	1.000E+00	7.015E+00	6.015E+00	1.167E+00
1.500E+03	1.639E-02	-1.418E+02	3.754E+01	2.215E+00	1.000E+00	7.244E+00	6.232E+00	1.162E+00
1.600E+03	1.536E-02	-1.391E+02	3.801E+01	2.282E+00	1.001E+00	7.635E+00	6.606E+00	1.156E+00
1.700E+03	1.443E-02	-1.362E+02	3.850E+01	2.344E+00	1.002E+00	8.299E+00	7.235E+00	1.146E+00
1.800E+03	1.360E-02	-1.330E+02	3.900E+01	2.403E+00	1.005E+00	9.376E+00	8.248E+00	1.135E+00
1.900E+03	1.282E-02	-1.292E+02	3.955E+01	2.461E+00	1.009E+00	1.103E+01	9.788E+00	1.123E+00
2.000E+03	1.209E-02	-1.248E+02	4.017E+01	2.522E+00	1.017E+00	1.341E+01	1.199E+01	1.112E+00
2.100E+03	1.139E-02	-1.193E+02	4.090E+01	2.589E+00	1.029E+00	1.667E+01	1.497E+01	1.103E+00
2.200E+03	1.069E-02	-1.125E+02	4.177E+01	2.665E+00	1.046E+00	2.087E+01	1.876E+01	1.097E+00
2.300E+03	9.992E-03	-1.039E+02	4.281E+01	2.752E+00	1.070E+00	2.599E+01	2.327E+01	1.094E+00
2.400E+03	9.291E-03	-9.335E+01	4.403E+01	2.852E+00	1.103E+00	3.182E+01	2.831E+01	1.092E+00
2.500E+03	8.592E-03	-8.057E+01	4.546E+01	2.966E+00	1.145E+00	3.801E+01	3.505E+01	1.092E+00
2.600E+03	7.904E-03	-6.554E+01	4.707E+01	3.094E+00	1.197E+00	4.406E+01	4.204E+01	1.094E+00
2.700E+03	7.244E-03	-4.840E+01	4.883E+01	3.236E+00	1.258E+00	4.943E+01	4.260E+01	1.097E+00
2.800E+03	6.623E-03	-2.947E+01	5.071E+01	3.390E+00	1.326E+00	5.374E+01	4.582E+01	1.100E+00
2.900E+03	6.052E-03	-9.193E+00	5.266E+01	3.554E+00	1.401E+00	5.683E+01	4.797E+01	1.105E+00
3.000E+03	5.537E-03	1.198E+01	5.462E+01	3.724E+00	1.481E+00	5.862E+01	4.905E+01	1.110E+00
3.100E+03	5.078E-03	3.355E+01	5.655E+01	3.898E+00	1.562E+00	5.891E+01	4.893E+01	1.115E+00
3.200E+03	4.677E-03	5.488E+01	5.840E+01	4.073E+00	1.643E+00	5.723E+01	4.731E+01	1.121E+00
3.300E+03	4.332E-03	7.516E+01	6.010E+01	4.245E+00	1.720E+00	5.316E+01	4.385E+01	1.128E+00
3.400E+03	4.043E-03	9.352E+01	6.160E+01	4.411E+00	1.789E+00	4.680E+01	3.862E+01	1.137E+00
3.500E+03	3.805E-03	1.093E+02	6.285E+01	4.570E+00	1.847E+00	3.905E+01	3.224E+01	1.149E+00
3.600E+03	3.612E-03	1.221E+02	6.384E+01	4.720E+00	1.892E+00	3.124E+01	2.576E+01	1.163E+00
3.700E+03	3.453E-03	1.323E+02	6.460E+01	4.866E+00	1.925E+00	2.445E+01	2.005E+01	1.182E+00
3.800E+03	3.322E-03	1.402E+02	6.518E+01	5.009E+00	1.948E+00	1.915E+01	1.554E+01	1.205E+00
3.900E+03	3.210E-03	1.465E+02	6.562E+01	5.151E+00	1.964E+00	1.533E+01	1.225E+01	1.231E+00
4.000E+03	3.113E-03	1.516E+02	6.597E+01	5.290E+00	1.975E+00	1.269E+01	9.958E+00	1.259E+00
4.100E+03	3.025E-03	1.559E+02	6.626E+01	5.423E+00	1.983E+00	1.040E+01	8.408E+00	1.286E+00
4.200E+03	2.946E-03	1.596E+02	6.651E+01	5.545E+00	1.988E+00	9.715E+00	7.376E+00	1.309E+00
4.300E+03	2.872E-03	1.630E+02	6.673E+01	5.657E+00	1.991E+00	8.935E+00	6.698E+00	1.328E+00
4.400E+03	2.804E-03	1.662E+02	6.693E+01	5.755E+00	1.994E+00	8.432E+00	6.262E+00	1.342E+00
4.500E+03	2.739E-03	1.692E+02	6.711E+01	5.842E+00	1.995E+00	8.126E+00	5.949E+00	1.351E+00
4.600E+03	2.678E-03	1.722E+02	6.729E+01	5.917E+00	1.997E+00	7.973E+00	5.873E+00	1.355E+00
4.700E+03	2.619E-03	1.751E+02	6.746E+01	5.979E+00	1.998E+00	7.960E+00	5.872E+00	1.354E+00
4.800E+03	2.563E-03	1.780E+02	6.763E+01	6.027E+00	1.999E+00	8.100E+00	6.009E+00	1.346E+00
4.900E+03	2.510E-03	1.810E+02	6.780E+01	6.059E+00	2.000E+00	8.434E+00	6.324E+00	1.332E+00
5.000E+03	2.458E-03	1.842E+02	6.798E+01	6.074E+00	2.001E+00	9.038E+00	6.884E+00	1.311E+00
5.100E+03	2.408E-03	1.877E+02	6.817E+01	6.072E+00	2.003E+00	1.003E+01	7.794E+00	1.283E+00
5.200E+03	2.358E-03	1.916E+02	6.837E+01	6.051E+00	2.006E+00	1.156E+01	9.200E+00	1.252E+00
5.300E+03	2.309E-03	1.963E+02	6.861E+01	6.047E+00	2.010E+00	1.386E+01	1.130E+01	1.220E+00
5.400E+03	2.259E-03	2.019E+02	6.890E+01	6.041E+00	2.016E+00	1.720E+01	1.432E+01	1.192E+00
5.500E+03	2.208E-03	2.090E+02	6.926E+01	6.048E+00	2.025E+00	2.190E+01	1.653E+01	1.168E+00
5.600E+03	2.155E-03	2.182E+02	6.971E+01	6.074E+00	2.038E+00	2.825E+01	2.415E+01	1.149E+00
5.700E+03	2.098E-03	2.300E+02	7.028E+01	6.120E+00	2.057E+00	3.649E+01	3.133E+01	1.135E+00
5.800E+03	2.036E-03	2.451E+02	7.100E+01	6.186E+00	2.083E+00	4.664E+01	4.000E+01	1.126E+00
5.900E+03	1.970E-03	2.643E+02	7.189E+01	6.272E+00	2.115E+00	5.845E+01	4.985E+01	1.120E+00
6.000E+03	1.899E-03	2.880E+02	7.298E+01	6.378E+00	2.159E+00	7.124E+01	6.025E+01	1.116E+00
6.100E+03	1.823E-03	3.165E+02	7.427E+01	6.503E+00	2.211E+00	8.402E+01	7.036E+01	1.114E+00
6.200E+03	1.743E-03	3.494E+02	7.573E+01	6.644E+00	2.273E+00	9.552E+01	7.922E+01	1.114E+00
6.300E+03	1.667E-03	3.861E+02	7.733E+01	6.800E+00	2.342E+00	1.044E+02	8.593E+01	1.114E+00
6.400E+03	1.591E-03	4.254E+02	7.902E+01	6.956E+00	2.416E+00	1.097E+02	8.979E+01	1.116E+00
6.500E+03	1.518E-03	4.659E+02	8.074E+01	7.137E+00	2.492E+00	1.109E+02	9.066E+01	1.118E+00
6.600E+03	1.451E-03	5.061E+02	8.241E+01	7.309E+00	2.568E+00	1.078E+02	8.800E+01	1.121E+00
6.700E+03	1.391E-03	5.445E+02	8.399E+01	7.479E+00	2.639E+00	1.013E+02	8.289E+01	1.124E+00
6.800E+03	1.337E-03	5.800E+02	8.543E+01	7.643E+00	2.705E+00	9.243E+01	7.589E+01	1.129E+00
6.900E+03	1.290E-03	6.120E+02	8.671E+01	7.801E+00	2.764E+00	8.237E+01	6.787E+01	1.134E+00
7.000E+03	1.248E-03	6.403E+02	8.782E+01	7.953E+00	2.815E+00	7.220E+01	5.967E+01	1.141E+00
7.100E+03	1.212E-03	6.650E+02	8.877E+01	8.098E+00	2.859E+00	6.271E+01	5.191E+01	1.149E+00
7.200E+03	1.180E-03	6.863E+02	8.959E+01	8.238E+00	2.895E+00	5.457E+01	4.499E+01	1.157E+00
7.300E+03	1.151E-03	7.049E+02	9.029E+01	8.373E+00	2.924E+00	4.737E+01	3.913E+01	1.167E+00
7.400E+03	1.126E-03	7.212E+02	9.089E+01	8.503E+00	2.953E+00	4.173E+01	3.435E+01	1.176E+00
7.500E+03	1.102E-03	7.356E+02	9.142E+01	8.628E+00	2.975E+00	3.734E+01	3.051E+01	1.186E+00
7.600E+03	1.081E-03	7.487E+02	9.190E+01	8.747E+00	2.994E+00	3.404E+01	2.778E+01	1.195E+00
7.700E+03	1.061E-03	7.607E+02	9.232E+01	8.859E+00	3.012E+00	3.168E+01	2.574E+01	1.203E+00
7.800E+03	1.041E-03	7.720E+02	9.272E+01	8.962E+00	3.028E+00	3.009E+01	2.437E+01	1.209E+00
7.900E+03	1.023E-03	7.828E+02	9.310E+01	9.057E+00	3.042E+00	2.915E+01	2.354E+01	1.213E+00
8.000E+03	1.006E-03	7.934E+02	9.346E+01	9.145E+00	3.056E+00	2.872E+01	2.316E+01	1.216E+00
8.200E+03	9.726E-04	8.144E+02	9.417E+01	9.301E+00	3.084E+00	2.609E+01	2.343E+01	1.216E+00

Table I. - Continued.

T	RH(I/RH)-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	9.408E-04	8.352E+02	9.489E+01	9.443E+00	3.112E+00	3.063E+01	2.471E+01	1.213E+00
8.400E+03	9.100E-04	8.595E+02	9.564E+01	9.580E+00	3.143E+00	3.302E+01	2.669E+01	1.207E+00
8.800E+03	8.799E-04	8.847E+02	9.643E+01	9.720E+00	3.176E+00	3.601E+01	2.914E+01	1.202E+00
9.000E+03	8.504E-04	9.123E+02	9.728E+01	9.865E+00	3.214E+00	3.945E+01	3.194E+01	1.196E+00
9.200E+03	8.212E-04	9.426E+02	9.819E+01	1.002E+01	3.255E+00	4.322E+01	3.498E+01	1.192E+00
9.400E+03	7.923E-04	9.737E+02	9.915E+01	1.018E+01	3.301E+00	4.723E+01	3.818E+01	1.188E+00
9.600E+03	7.643E-04	1.012E+03	1.002E+02	1.035E+01	3.352E+00	5.139E+01	4.146E+01	1.185E+00
9.800E+03	7.365E-04	1.051E+03	1.013E+02	1.054E+01	3.408E+00	5.563E+01	4.477E+01	1.182E+00
1.000E+04	7.092E-04	1.093E+03	1.025E+02	1.073E+01	3.468E+00	5.994E+01	4.810E+01	1.180E+00
1.020E+04	6.826E-04	1.139E+03	1.037E+02	1.093E+01	3.532E+00	6.426E+01	5.141E+01	1.178E+00
1.040E+04	6.567E-04	1.187E+03	1.050E+02	1.113E+01	3.601E+00	6.861E+01	5.473E+01	1.177E+00
1.060E+04	6.314E-04	1.239E+03	1.063E+02	1.135E+01	3.675E+00	7.302E+01	5.808E+01	1.175E+00
1.080E+04	6.070E-04	1.294E+03	1.077E+02	1.157E+01	3.752E+00	7.753E+01	6.151E+01	1.174E+00
1.100E+04	5.833E-04	1.353E+03	1.092E+02	1.180E+01	3.833E+00	8.224E+01	6.506E+01	1.173E+00
1.120E+04	5.604E-04	1.415E+03	1.107E+02	1.203E+01	3.919E+00	8.712E+01	6.873E+01	1.172E+00
1.140E+04	5.382E-04	1.480E+03	1.123E+02	1.227E+01	4.009E+00	9.217E+01	7.250E+01	1.171E+00
1.160E+04	5.168E-04	1.550E+03	1.140E+02	1.252E+01	4.103E+00	9.730E+01	7.631E+01	1.170E+00
1.180E+04	4.961E-04	1.623E+03	1.157E+02	1.277E+01	4.201E+00	1.024E+02	8.003E+01	1.170E+00
1.200E+04	4.762E-04	1.700E+03	1.174E+02	1.304E+01	4.304E+00	1.071E+02	8.350E+01	1.170E+00
1.220E+04	4.572E-04	1.780E+03	1.192E+02	1.331E+01	4.410E+00	1.114E+02	8.655E+01	1.170E+00
1.240E+04	4.390E-04	1.863E+03	1.211E+02	1.359E+01	4.518E+00	1.148E+02	8.999E+01	1.171E+00
1.260E+04	4.217E-04	1.948E+03	1.229E+02	1.387E+01	4.629E+00	1.171E+02	9.361E+01	1.172E+00
1.280E+04	4.053E-04	2.034E+03	1.248E+02	1.416E+01	4.740E+00	1.182E+02	9.729E+01	1.174E+00
1.300E+04	3.900E-04	2.120E+03	1.266E+02	1.444E+01	4.851E+00	1.178E+02	9.094E+01	1.175E+00
1.320E+04	3.757E-04	2.206E+03	1.284E+02	1.473E+01	4.959E+00	1.160E+02	8.953E+01	1.179E+00
1.340E+04	3.624E-04	2.290E+03	1.301E+02	1.502E+01	5.064E+00	1.127E+02	8.707E+01	1.182E+00
1.360E+04	3.502E-04	2.371E+03	1.318E+02	1.530E+01	5.164E+00	1.082E+02	8.369E+01	1.186E+00
1.380E+04	3.390E-04	2.448E+03	1.333E+02	1.558E+01	5.258E+00	1.027E+02	7.953E+01	1.190E+00
1.400E+04	3.287E-04	2.521E+03	1.347E+02	1.586E+01	5.344E+00	9.644E+01	7.479E+01	1.195E+00
1.420E+04	3.193E-04	2.589E+03	1.361E+02	1.613E+01	5.424E+00	8.974E+01	6.968E+01	1.201E+00
1.440E+04	3.108E-04	2.652E+03	1.373E+02	1.639E+01	5.496E+00	8.289E+01	6.441E+01	1.207E+00
1.460E+04	3.030E-04	2.711E+03	1.384E+02	1.665E+01	5.560E+00	7.613E+01	5.916E+01	1.214E+00
1.480E+04	2.958E-04	2.764E+03	1.394E+02	1.691E+01	5.618E+00	6.964E+01	5.408E+01	1.222E+00
1.500E+04	2.892E-04	2.813E+03	1.403E+02	1.716E+01	5.668E+00	6.337E+01	4.929E+01	1.231E+00
1.520E+04	2.833E-04	2.857E+03	1.411E+02	1.741E+01	5.712E+00	5.801E+01	4.486E+01	1.241E+00
1.540E+04	2.777E-04	2.898E+03	1.418E+02	1.765E+01	5.751E+00	5.300E+01	4.084E+01	1.251E+00
1.560E+04	2.725E-04	2.935E+03	1.424E+02	1.790E+01	5.784E+00	4.856E+01	3.726E+01	1.262E+00
1.580E+04	2.678E-04	2.969E+03	1.430E+02	1.814E+01	5.813E+00	4.467E+01	3.410E+01	1.273E+00
1.600E+04	2.635E-04	3.000E+03	1.436E+02	1.837E+01	5.839E+00	4.131E+01	3.136E+01	1.284E+00
1.620E+04	2.591E-04	3.030E+03	1.441E+02	1.860E+01	5.860E+00	3.843E+01	2.902E+01	1.295E+00
1.640E+04	2.551E-04	3.057E+03	1.445E+02	1.882E+01	5.880E+00	3.601E+01	2.703E+01	1.306E+00
1.660E+04	2.513E-04	3.082E+03	1.449E+02	1.903E+01	5.896E+00	3.400E+01	2.539E+01	1.316E+00
1.680E+04	2.477E-04	3.107E+03	1.453E+02	1.924E+01	5.911E+00	3.237E+01	2.406E+01	1.325E+00
1.700E+04	2.442E-04	3.130E+03	1.457E+02	1.942E+01	5.924E+00	3.109E+01	2.302E+01	1.332E+00
1.720E+04	2.409E-04	3.152E+03	1.461E+02	1.960E+01	5.935E+00	3.014E+01	2.225E+01	1.337E+00
1.740E+04	2.377E-04	3.174E+03	1.464E+02	1.975E+01	5.944E+00	2.948E+01	2.174E+01	1.340E+00
1.760E+04	2.346E-04	3.196E+03	1.468E+02	1.989E+01	5.956E+00	2.912E+01	2.147E+01	1.342E+00
1.780E+04	2.316E-04	3.217E+03	1.471E+02	2.001E+01	5.965E+00	2.903E+01	2.144E+01	1.340E+00
1.800E+04	2.287E-04	3.238E+03	1.474E+02	2.011E+01	5.974E+00	2.922E+01	2.165E+01	1.337E+00
1.820E+04	2.259E-04	3.260E+03	1.477E+02	2.019E+01	5.982E+00	2.969E+01	2.209E+01	1.331E+00
1.840E+04	2.231E-04	3.282E+03	1.481E+02	2.025E+01	5.991E+00	3.043E+01	2.277E+01	1.324E+00
1.860E+04	2.204E-04	3.304E+03	1.484E+02	2.032E+01	6.000E+00	3.146E+01	2.369E+01	1.315E+00
1.880E+04	2.177E-04	3.326E+03	1.487E+02	2.037E+01	6.010E+00	3.277E+01	2.485E+01	1.305E+00
1.900E+04	2.150E-04	3.352E+03	1.491E+02	2.041E+01	6.020E+00	3.439E+01	2.627E+01	1.294E+00
1.920E+04	2.124E-04	3.378E+03	1.495E+02	2.045E+01	6.031E+00	3.628E+01	2.794E+01	1.284E+00
1.940E+04	2.098E-04	3.406E+03	1.499E+02	2.049E+01	6.043E+00	3.849E+01	2.991E+01	1.273E+00
1.960E+04	2.072E-04	3.435E+03	1.503E+02	2.053E+01	6.056E+00	4.100E+01	3.291E+01	1.262E+00
1.980E+04	2.045E-04	3.466E+03	1.507E+02	2.058E+01	6.071E+00	4.380E+01	3.641E+01	1.252E+00
2.000E+04	2.020E-04	3.499E+03	1.511E+02	2.063E+01	6.087E+00	4.688E+01	3.701E+01	1.243E+00
2.020E+04	1.994E-04	3.534E+03	1.516E+02	2.069E+01	6.105E+00	5.022E+01	3.993E+01	1.234E+00
2.040E+04	1.968E-04	3.572E+03	1.521E+02	2.076E+01	6.125E+00	5.378E+01	4.295E+01	1.227E+00
2.060E+04	1.942E-04	3.613E+03	1.527E+02	2.084E+01	6.146E+00	5.754E+01	4.611E+01	1.220E+00
2.080E+04	1.915E-04	3.657E+03	1.533E+02	2.093E+01	6.170E+00	6.144E+01	4.947E+01	1.214E+00
2.100E+04	1.890E-04	3.703E+03	1.539E+02	2.103E+01	6.196E+00	6.544E+01	5.270E+01	1.208E+00
2.120E+04	1.864E-04	3.753E+03	1.545E+02	2.113E+01	6.223E+00	6.948E+01	5.605E+01	1.203E+00
2.140E+04	1.838E-04	3.805E+03	1.552E+02	2.125E+01	6.253E+00	7.351E+01	5.937E+01	1.199E+00
2.160E+04	1.812E-04	3.860E+03	1.559E+02	2.137E+01	6.285E+00	7.743E+01	6.263E+01	1.196E+00
2.180E+04	1.785E-04	3.918E+03	1.566E+02	2.150E+01	6.319E+00	8.136E+01	6.577E+01	1.193E+00
2.200E+04	1.759E-04	3.979E+03	1.574E+02	2.163E+01	6.354E+00	8.509E+01	6.882E+01	1.190E+00
2.220E+04	1.733E-04	4.043E+03	1.582E+02	2.177E+01	6.392E+00	8.867E+01	7.172E+01	1.188E+00
2.240E+04	1.707E-04	4.109E+03	1.590E+02	2.192E+01	6.431E+00	9.209E+01	7.449E+01	1.186E+00
2.260E+04	1.682E-04	4.178E+03	1.598E+02	2.207E+01	6.471E+00	9.535E+01	7.713E+01	1.184E+00
2.280E+04	1.656E-04	4.249E+03	1.607E+02	2.222E+01	6.512E+00	9.849E+01	7.967E+01	1.182E+00
2.300E+04	1.631E-04	4.322E+03	1.615E+02	2.238E+01	6.555E+00	1.015E+02	8.214E+01	1.180E+00
2.320E+04	1.606E-04	4.397E+03	1.624E+02	2.253E+01	6.599E+00	1.045E+02	8.457E+01	1.179E+00
2.340E+04	1.582E-04	4.475E+03	1.633E+02	2.269E+01	6.644E+00	1.075E+02	8.702E+01	1.177E+00
2.360E+04	1.558E-04	4.555E+03	1.643E+02	2.285E+01	6.690E+00	1.105E+02	8.952E+01	1.176E+00
2.380E+04	1.534E-04	4.637E+03	1.652E+02	2.301E+01	6.737E+00	1.138E+02	9.213E+01	1.174E+00
2.400E+04	1.510E-04	4.722E+03	1.662E+02	2.318E+01	6.785E+00	1.171E+02	9.487E+01	1.173E+00
2.420E+04	1.487E-04	4.809E+03	1.672E+02	2.334E+01	6.834E+00	1.207E+02	9.777E+01	1.171E+00
2.440E+04	1.464E-04	4.898E+03	1.682E+02	2.351E+01	6.884E+00	1.244E+02	1.008E+02	1.170E+00
2.460E+04	1.442E-04	4.991E+03	1.692E+02	2.368E+01	6.935E+00	1.284E+02	1.041E+02	1.168E+00
2.480E+04	1.419E-04	5.085E+03	1.703E+02	2.385E+01	6.988E+00	1.326E+02	1.075E+02	1.167E+00
2.500E+04	1.397E-04	5.183E+03	1.713E+02	2.402E+01	7.043E+00	1.370E+02	1.110E+02	1.165E+00

Table I. - Continued.

P/PO = 1.00E-01

T	RHO/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E-01	-1.718E+02	2.382E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E-01	-1.705E+02	2.634E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E-02	-1.690E+02	2.803E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.238E+00
4.000E+02	6.832E-02	-1.672E+02	2.939E+01	1.167E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E-02	-1.653E+02	3.054E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E-02	-1.633E+02	3.155E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E-02	-1.612E+02	3.245E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.411E-02	-1.590E+02	3.326E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E-02	-1.567E+02	3.399E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E-02	-1.543E+02	3.467E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.181E+00
1.100E+03	2.484E-02	-1.519E+02	3.530E+01	1.909E+00	1.000E+00	6.639E+00	5.639E+00	1.177E+00
1.200E+03	2.277E-02	-1.494E+02	3.588E+01	1.991E+00	1.000E+00	6.752E+00	5.752E+00	1.174E+00
1.300E+03	2.102E-02	-1.469E+02	3.643E+01	2.069E+00	1.000E+00	6.867E+00	5.867E+00	1.171E+00
1.400E+03	1.952E-02	-1.444E+02	3.694E+01	2.144E+00	1.000E+00	7.011E+00	6.011E+00	1.167E+00
1.500E+03	1.821E-02	-1.418E+02	3.743E+01	2.215E+00	1.000E+00	7.235E+00	6.235E+00	1.162E+00
1.600E+03	1.706E-02	-1.391E+02	3.791E+01	2.282E+00	1.001E+00	7.614E+00	6.586E+00	1.156E+00
1.700E+03	1.604E-02	-1.362E+02	3.839E+01	2.344E+00	1.002E+00	8.257E+00	7.195E+00	1.147E+00
1.800E+03	1.511E-02	-1.330E+02	3.889E+01	2.404E+00	1.005E+00	9.299E+00	8.175E+00	1.136E+00
1.900E+03	1.425E-02	-1.293E+02	3.943E+01	2.462E+00	1.009E+00	1.089E+01	9.664E+00	1.124E+00
2.000E+03	1.344E-02	-1.249E+02	4.004E+01	2.523E+00	1.016E+00	1.320E+01	1.180E+01	1.113E+00
2.100E+03	1.266E-02	-1.196E+02	4.076E+01	2.589E+00	1.028E+00	1.635E+01	1.468E+01	1.104E+00
2.200E+03	1.189E-02	-1.129E+02	4.161E+01	2.664E+00	1.044E+00	2.042E+01	1.835E+01	1.098E+00
2.300E+03	1.113E-02	-1.045E+02	4.262E+01	2.749E+00	1.068E+00	2.539E+01	2.274E+01	1.094E+00
2.400E+03	1.036E-02	-9.417E+01	4.382E+01	2.848E+00	1.100E+00	3.108E+01	2.765E+01	1.092E+00
2.500E+03	9.585E-03	-8.159E+01	4.521E+01	2.960E+00	1.140E+00	3.714E+01	3.275E+01	1.093E+00
2.600E+03	8.827E-03	-6.599E+01	4.679E+01	3.087E+00	1.191E+00	4.310E+01	3.760E+01	1.094E+00
2.700E+03	8.097E-03	-5.020E+01	4.852E+01	3.227E+00	1.250E+00	4.845E+01	4.180E+01	1.097E+00
2.800E+03	7.410E-03	-3.163E+01	5.036E+01	3.379E+00	1.317E+00	5.280E+01	4.506E+01	1.100E+00
2.900E+03	6.776E-03	-1.169E+01	5.227E+01	3.540E+00	1.391E+00	5.597E+01	4.728E+01	1.105E+00
3.000E+03	6.202E-03	9.196E+00	5.421E+01	3.708E+00	1.469E+00	5.789E+01	4.847E+01	1.109E+00
3.100E+03	5.690E-03	3.053E+01	5.612E+01	3.881E+00	1.549E+00	5.840E+01	4.853E+01	1.115E+00
3.200E+03	5.240E-03	5.174E+01	5.796E+01	4.055E+00	1.630E+00	5.710E+01	4.721E+01	1.121E+00
3.300E+03	4.851E-03	7.206E+01	5.967E+01	4.227E+00	1.707E+00	5.354E+01	4.415E+01	1.128E+00
3.400E+03	4.524E-03	9.056E+01	6.118E+01	4.394E+00	1.777E+00	4.769E+01	3.932E+01	1.136E+00
3.500E+03	4.253E-03	1.068E+02	6.246E+01	4.553E+00	1.836E+00	4.029E+01	3.324E+01	1.147E+00
3.600E+03	4.031E-03	1.201E+02	6.349E+01	4.704E+00	1.883E+00	3.256E+01	2.684E+01	1.161E+00
3.700E+03	3.851E-03	1.307E+02	6.428E+01	4.850E+00	1.918E+00	2.565E+01	2.105E+01	1.178E+00
3.800E+03	3.701E-03	1.391E+02	6.485E+01	4.993E+00	1.943E+00	2.014E+01	1.637E+01	1.200E+00
3.900E+03	3.573E-03	1.457E+02	6.536E+01	5.135E+00	1.951E+00	1.607E+01	1.288E+01	1.226E+00
4.000E+03	3.463E-03	1.510E+02	6.573E+01	5.274E+00	1.973E+00	1.322E+01	1.042E+01	1.253E+00
4.100E+03	3.365E-03	1.555E+02	6.603E+01	5.407E+00	1.981E+00	1.128E+01	8.734E+00	1.280E+00
4.200E+03	3.275E-03	1.593E+02	6.628E+01	5.532E+00	1.987E+00	9.981E+00	7.605E+00	1.304E+00
4.300E+03	3.193E-03	1.628E+02	6.651E+01	5.645E+00	1.990E+00	9.120E+00	6.857E+00	1.324E+00
4.400E+03	3.116E-03	1.660E+02	6.671E+01	5.747E+00	1.993E+00	8.559E+00	6.371E+00	1.339E+00
4.500E+03	3.044E-03	1.691E+02	6.690E+01	5.836E+00	1.995E+00	8.210E+00	6.071E+00	1.349E+00
4.600E+03	2.976E-03	1.721E+02	6.708E+01	5.914E+00	1.996E+00	8.021E+00	5.913E+00	1.354E+00
4.700E+03	2.911E-03	1.750E+02	6.725E+01	5.979E+00	1.998E+00	7.975E+00	5.882E+00	1.354E+00
4.800E+03	2.849E-03	1.779E+02	6.742E+01	6.030E+00	1.999E+00	8.077E+00	5.985E+00	1.348E+00
4.900E+03	2.789E-03	1.809E+02	6.758E+01	6.066E+00	2.000E+00	8.361E+00	6.254E+00	1.335E+00
5.000E+03	2.732E-03	1.841E+02	6.776E+01	6.094E+00	2.001E+00	8.893E+00	6.749E+00	1.315E+00
5.100E+03	2.676E-03	1.875E+02	6.794E+01	6.087E+00	2.003E+00	9.775E+00	7.563E+00	1.290E+00
5.200E+03	2.621E-03	1.913E+02	6.815E+01	6.078E+00	2.005E+00	1.115E+01	8.828E+00	1.259E+00
5.300E+03	2.567E-03	1.958E+02	6.838E+01	6.064E+00	2.009E+00	1.323E+01	1.072E+01	1.228E+00
5.400E+03	2.512E-03	2.011E+02	6.865E+01	6.056E+00	2.014E+00	1.626E+01	1.347E+01	1.199E+00
5.500E+03	2.456E-03	2.078E+02	6.899E+01	6.060E+00	2.023E+00	2.054E+01	1.731E+01	1.174E+00
5.600E+03	2.398E-03	2.164E+02	6.941E+01	6.081E+00	2.035E+00	2.636E+01	2.248E+01	1.154E+00
5.700E+03	2.337E-03	2.273E+02	6.994E+01	6.122E+00	2.052E+00	3.398E+01	2.914E+01	1.139E+00
5.800E+03	2.271E-03	2.415E+02	7.061E+01	6.182E+00	2.075E+00	4.348E+01	3.729E+01	1.124E+00
5.900E+03	2.199E-03	2.594E+02	7.144E+01	6.263E+00	2.106E+00	5.468E+01	4.670E+01	1.122E+00
6.000E+03	2.122E-03	2.815E+02	7.247E+01	6.363E+00	2.146E+00	6.706E+01	5.563E+01	1.118E+00
6.100E+03	2.041E-03	3.085E+02	7.368E+01	6.482E+00	2.195E+00	7.972E+01	6.692E+01	1.115E+00
6.200E+03	1.956E-03	3.399E+02	7.507E+01	6.618E+00	2.252E+00	9.150E+01	7.607E+01	1.114E+00
6.300E+03	1.870E-03	3.753E+02	7.662E+01	6.769E+00	2.320E+00	1.011E+02	8.336E+01	1.115E+00
6.400E+03	1.785E-03	4.136E+02	7.827E+01	6.931E+00	2.392E+00	1.075E+02	8.807E+01	1.116E+00
6.500E+03	1.704E-03	4.533E+02	7.995E+01	7.100E+00	2.467E+00	1.100E+02	8.974E+01	1.118E+00
6.600E+03	1.629E-03	4.936E+02	8.163E+01	7.272E+00	2.542E+00	1.083E+02	8.831E+01	1.120E+00
6.700E+03	1.560E-03	5.324E+02	8.322E+01	7.442E+00	2.615E+00	1.030E+02	8.412E+01	1.124E+00
6.800E+03	1.498E-03	5.687E+02	8.469E+01	7.608E+00	2.682E+00	9.497E+01	7.781E+01	1.128E+00
6.900E+03	1.444E-03	6.017E+02	8.601E+01	7.767E+00	2.743E+00	8.539E+01	7.022E+01	1.133E+00
7.000E+03	1.396E-03	6.311E+02	8.716E+01	7.920E+00	2.757E+00	7.536E+01	6.217E+01	1.139E+00
7.100E+03	1.354E-03	6.569E+02	8.816E+01	8.067E+00	2.842E+00	6.573E+01	5.434E+01	1.146E+00
7.200E+03	1.317E-03	6.794E+02	8.902E+01	8.209E+00	2.881E+00	5.739E+01	4.721E+01	1.155E+00
7.300E+03	1.284E-03	6.989E+02	8.976E+01	8.345E+00	2.914E+00	4.969E+01	4.105E+01	1.164E+00
7.400E+03	1.255E-03	7.159E+02	9.039E+01	8.474E+00	2.942E+00	4.362E+01	3.594E+01	1.173E+00
7.500E+03	1.229E-03	7.310E+02	9.094E+01	8.604E+00	2.966E+00	3.882E+01	3.186E+01	1.183E+00
7.600E+03	1.204E-03	7.445E+02	9.143E+01	8.725E+00	2.986E+00	3.515E+01	2.872E+01	1.192E+00
7.700E+03	1.181E-03	7.569E+02	9.187E+01	8.839E+00	3.004E+00	3.245E+01	2.640E+01	1.201E+00
7.800E+03	1.160E-03	7.684E+02	9.228E+01	8.946E+00	3.021E+00	3.057E+01	2.477E+01	1.208E+00
7.900E+03	1.140E-03	7.793E+02	9.266E+01	9.045E+00	3.036E+00	2.937E+01	2.337E+01	1.213E+00
8.000E+03	1.120E-03	7.899E+02	9.302E+01	9.135E+00	3.050E+00	2.873E+01	2.316E+01	1.216E+00
8.200E+03	1.083E-03	8.109E+02	9.373E+01	9.297E+00	3.077E+00	2.873E+01	2.313E+01	1.218E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.048E-03	8.323E+02	9.444E+01	9.441E+00	3.105E+00	3.000E+01	2.417E+01	1.215E+00
8.600E+03	1.014E-03	8.550E+02	9.517E+01	9.578E+00	3.134E+00	3.215E+01	2.595E+01	1.210E+00
8.800E+03	9.80E-04	8.796E+02	9.594E+01	9.716E+00	3.167E+00	3.493E+01	2.824E+01	1.204E+00
9.000E+03	9.480E-04	9.063E+02	9.676E+01	9.859E+00	3.203E+00	3.820E+01	3.090E+01	1.199E+00
9.200E+03	9.160E-04	9.356E+02	9.763E+01	1.001E+01	3.243E+00	4.181E+01	3.382E+01	1.194E+00
9.400E+03	8.844E-04	9.676E+02	9.857E+01	1.017E+01	3.287E+00	4.568E+01	3.691E+01	1.190E+00
9.600E+03	8.533E-04	1.003E+03	9.958E+01	1.034E+01	3.336E+00	4.973E+01	4.011E+01	1.187E+00
9.800E+03	8.227E-04	1.040E+03	1.006E+02	1.052E+01	3.390E+00	5.390E+01	4.336E+01	1.184E+00
1.000E+04	7.927E-04	1.081E+03	1.018E+02	1.070E+01	3.448E+00	5.811E+01	4.663E+01	1.182E+00
1.020E+04	7.633E-04	1.126E+03	1.030E+02	1.090E+01	3.510E+00	6.237E+01	4.990E+01	1.180E+00
1.040E+04	7.346E-04	1.173E+03	1.042E+02	1.110E+01	3.577E+00	6.665E+01	5.317E+01	1.178E+00
1.060E+04	7.067E-04	1.223E+03	1.055E+02	1.131E+01	3.648E+00	7.098E+01	5.646E+01	1.177E+00
1.080E+04	6.796E-04	1.277E+03	1.069E+02	1.153E+01	3.723E+00	7.540E+01	5.981E+01	1.175E+00
1.100E+04	6.534E-04	1.334E+03	1.083E+02	1.175E+01	3.802E+00	7.997E+01	6.326E+01	1.174E+00
1.120E+04	6.280E-04	1.394E+03	1.098E+02	1.198E+01	3.886E+00	8.471E+01	6.683E+01	1.173E+00
1.140E+04	6.034E-04	1.458E+03	1.114E+02	1.222E+01	3.973E+00	8.962E+01	7.050E+01	1.172E+00
1.160E+04	5.796E-04	1.525E+03	1.130E+02	1.246E+01	4.065E+00	9.464E+01	7.423E+01	1.171E+00
1.180E+04	5.566E-04	1.596E+03	1.146E+02	1.272E+01	4.160E+00	9.964E+01	7.792E+01	1.171E+00
1.200E+04	5.345E-04	1.671E+03	1.163E+02	1.298E+01	4.260E+00	1.044E+02	8.142E+01	1.171E+00
1.220E+04	5.133E-04	1.749E+03	1.181E+02	1.324E+01	4.364E+00	1.088E+02	8.458E+01	1.171E+00
1.240E+04	4.930E-04	1.830E+03	1.199E+02	1.352E+01	4.470E+00	1.125E+02	8.722E+01	1.172E+00
1.260E+04	4.736E-04	1.914E+03	1.217E+02	1.380E+01	4.579E+00	1.153E+02	8.916E+01	1.173E+00
1.280E+04	4.553E-04	1.999E+03	1.235E+02	1.408E+01	4.689E+00	1.169E+02	9.024E+01	1.174E+00
1.300E+04	4.380E-04	2.085E+03	1.254E+02	1.437E+01	4.799E+00	1.171E+02	9.035E+01	1.176E+00
1.320E+04	4.219E-04	2.170E+03	1.271E+02	1.465E+01	4.907E+00	1.160E+02	8.944E+01	1.178E+00
1.340E+04	4.068E-04	2.254E+03	1.289E+02	1.494E+01	5.013E+00	1.135E+02	8.751E+01	1.181E+00
1.360E+04	3.929E-04	2.336E+03	1.305E+02	1.522E+01	5.114E+00	1.096E+02	8.463E+01	1.185E+00
1.380E+04	3.801E-04	2.414E+03	1.321E+02	1.551E+01	5.210E+00	1.047E+02	8.092E+01	1.189E+00
1.400E+04	3.684E-04	2.489E+03	1.336E+02	1.578E+01	5.299E+00	9.890E+01	7.656E+01	1.193E+00
1.420E+04	3.576E-04	2.559E+03	1.349E+02	1.605E+01	5.382E+00	9.255E+01	7.174E+01	1.199E+00
1.440E+04	3.478E-04	2.624E+03	1.362E+02	1.632E+01	5.457E+00	8.591E+01	6.666E+01	1.205E+00
1.460E+04	3.388E-04	2.685E+03	1.373E+02	1.658E+01	5.524E+00	7.923E+01	6.151E+01	1.211E+00
1.480E+04	3.306E-04	2.740E+03	1.383E+02	1.684E+01	5.585E+00	7.273E+01	5.644E+01	1.219E+00
1.500E+04	3.231E-04	2.791E+03	1.393E+02	1.709E+01	5.639E+00	6.656E+01	5.166E+01	1.227E+00
1.520E+04	3.162E-04	2.838E+03	1.401E+02	1.734E+01	5.686E+00	6.083E+01	4.706E+01	1.236E+00
1.540E+04	3.098E-04	2.881E+03	1.409E+02	1.758E+01	5.727E+00	5.562E+01	4.291E+01	1.246E+00
1.560E+04	3.039E-04	2.920E+03	1.416E+02	1.783E+01	5.763E+00	5.095E+01	3.916E+01	1.256E+00
1.580E+04	2.985E-04	2.955E+03	1.422E+02	1.806E+01	5.795E+00	4.682E+01	3.582E+01	1.267E+00
1.600E+04	2.934E-04	2.988E+03	1.428E+02	1.830E+01	5.822E+00	4.322E+01	3.290E+01	1.278E+00
1.620E+04	2.886E-04	3.019E+03	1.433E+02	1.853E+01	5.846E+00	4.011E+01	3.037E+01	1.289E+00
1.640E+04	2.840E-04	3.047E+03	1.437E+02	1.876E+01	5.867E+00	3.747E+01	2.821E+01	1.300E+00
1.660E+04	2.797E-04	3.074E+03	1.442E+02	1.897E+01	5.885E+00	3.525E+01	2.640E+01	1.310E+00
1.680E+04	2.757E-04	3.099E+03	1.446E+02	1.918E+01	5.901E+00	3.342E+01	2.491E+01	1.319E+00
1.700E+04	2.718E-04	3.123E+03	1.450E+02	1.937E+01	5.915E+00	3.195E+01	2.371E+01	1.327E+00
1.720E+04	2.681E-04	3.146E+03	1.453E+02	1.956E+01	5.927E+00	3.082E+01	2.279E+01	1.334E+00
1.740E+04	2.645E-04	3.168E+03	1.457E+02	1.972E+01	5.938E+00	2.999E+01	2.213E+01	1.338E+00
1.760E+04	2.610E-04	3.190E+03	1.460E+02	1.987E+01	5.949E+00	2.945E+01	2.172E+01	1.340E+00
1.780E+04	2.577E-04	3.211E+03	1.464E+02	2.000E+01	5.958E+00	2.920E+01	2.155E+01	1.340E+00
1.800E+04	2.544E-04	3.233E+03	1.467E+02	2.011E+01	5.967E+00	2.922E+01	2.161E+01	1.338E+00
1.820E+04	2.512E-04	3.254E+03	1.470E+02	2.020E+01	5.976E+00	2.951E+01	2.190E+01	1.334E+00
1.840E+04	2.481E-04	3.276E+03	1.473E+02	2.028E+01	5.985E+00	3.008E+01	2.243E+01	1.328E+00
1.860E+04	2.451E-04	3.298E+03	1.477E+02	2.035E+01	5.994E+00	3.091E+01	2.319E+01	1.320E+00
1.880E+04	2.421E-04	3.321E+03	1.480E+02	2.040E+01	6.003E+00	3.203E+01	2.418E+01	1.311E+00
1.900E+04	2.392E-04	3.345E+03	1.484E+02	2.045E+01	6.013E+00	3.343E+01	2.542E+01	1.301E+00
1.920E+04	2.363E-04	3.370E+03	1.487E+02	2.049E+01	6.024E+00	3.512E+01	2.691E+01	1.291E+00
1.940E+04	2.334E-04	3.397E+03	1.491E+02	2.053E+01	6.035E+00	3.711E+01	2.864E+01	1.280E+00
1.960E+04	2.305E-04	3.425E+03	1.495E+02	2.057E+01	6.047E+00	3.939E+01	3.062E+01	1.269E+00
1.980E+04	2.277E-04	3.454E+03	1.499E+02	2.062E+01	6.061E+00	4.196E+01	3.284E+01	1.255E+00
2.000E+04	2.249E-04	3.486E+03	1.503E+02	2.067E+01	6.076E+00	4.481E+01	3.529E+01	1.249E+00
2.020E+04	2.220E-04	3.520E+03	1.508E+02	2.072E+01	6.093E+00	4.793E+01	3.796E+01	1.241E+00
2.040E+04	2.192E-04	3.556E+03	1.513E+02	2.079E+01	6.111E+00	5.129E+01	4.081E+01	1.232E+00
2.060E+04	2.163E-04	3.595E+03	1.518E+02	2.086E+01	6.132E+00	5.486E+01	4.383E+01	1.225E+00
2.080E+04	2.135E-04	3.637E+03	1.523E+02	2.095E+01	6.154E+00	5.860E+01	4.697E+01	1.219E+00
2.100E+04	2.106E-04	3.681E+03	1.529E+02	2.104E+01	6.178E+00	6.248E+01	5.021E+01	1.213E+00
2.120E+04	2.078E-04	3.728E+03	1.535E+02	2.114E+01	6.204E+00	6.643E+01	5.349E+01	1.207E+00
2.140E+04	2.049E-04	3.778E+03	1.542E+02	2.124E+01	6.232E+00	7.041E+01	5.678E+01	1.203E+00
2.160E+04	2.020E-04	3.831E+03	1.549E+02	2.136E+01	6.263E+00	7.437E+01	6.003E+01	1.199E+00
2.180E+04	1.991E-04	3.881E+03	1.556E+02	2.148E+01	6.295E+00	7.827E+01	6.322E+01	1.196E+00
2.200E+04	1.963E-04	3.946E+03	1.563E+02	2.161E+01	6.329E+00	8.206E+01	6.631E+01	1.193E+00
2.220E+04	1.934E-04	4.007E+03	1.570E+02	2.175E+01	6.365E+00	8.572E+01	6.928E+01	1.190E+00
2.240E+04	1.906E-04	4.072E+03	1.578E+02	2.189E+01	6.402E+00	8.923E+01	7.212E+01	1.188E+00
2.260E+04	1.877E-04	4.138E+03	1.586E+02	2.204E+01	6.441E+00	9.259E+01	7.483E+01	1.186E+00
2.280E+04	1.849E-04	4.207E+03	1.595E+02	2.219E+01	6.481E+00	9.581E+01	7.744E+01	1.184E+00
2.300E+04	1.821E-04	4.278E+03	1.603E+02	2.234E+01	6.523E+00	9.892E+01	7.995E+01	1.182E+00
2.320E+04	1.794E-04	4.352E+03	1.612E+02	2.249E+01	6.566E+00	1.019E+02	8.241E+01	1.181E+00
2.340E+04	1.767E-04	4.428E+03	1.621E+02	2.265E+01	6.610E+00	1.049E+02	8.485E+01	1.179E+00
2.360E+04	1.740E-04	4.506E+03	1.630E+02	2.281E+01	6.655E+00	1.080E+02	8.731E+01	1.178E+00
2.380E+04	1.714E-04	4.586E+03	1.639E+02	2.297E+01	6.700E+00	1.111E+02	8.983E+01	1.176E+00
2.400E+04	1.688E-04	4.668E+03	1.648E+02	2.313E+01	6.747E+00	1.143E+02	9.246E+01	1.175E+00
2.420E+04	1.662E-04	4.753E+03	1.658E+02	2.329E+01	6.795E+00	1.176E+02	9.522E+01	1.173E+00
2.440E+04	1.636E-04	4.841E+03	1.668E+02	2.346E+01	6.844E+00	1.212E+02	9.814E+01	1.171E+00
2.460E+04	1.611E-04	4.931E+03	1.678E+02	2.363E+01	6.895E+00	1.250E+02	1.012E+02	1.170E+00
2.480E+04	1.586E-04	5.024E+03	1.688E+02	2.380E+01	6.946E+00	1.290E+02	1.045E+02	1.168E+00
2.500E+04	1.562E-04	5.120E+03	1.699E+02	2.397E+01	6.999E+00	1.332E+02	1.078E+02	1.167E+00

Table I. - Continued.

P/P0 = 2.00E-01

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E-01	-1.718E+02	2.313E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.392E+00
2.000E+02	2.733F-01	-1.105E+02	2.565E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E-01	-1.690E+02	2.734E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E-01	-1.672E+02	2.869E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.093E-01	-1.653E+02	2.985E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E-02	-1.633E+02	3.086E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E-02	-1.612E+02	3.175E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E-02	-1.590E+02	3.256E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E-02	-1.567E+02	3.330E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E-02	-1.543E+02	3.398E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	4.969E-02	-1.519E+02	3.460E+01	1.909E+00	1.000E+00	6.638E+00	5.638E+00	1.177E+00
1.200E+03	4.554E-02	-1.494E+02	3.519E+01	1.99E+00	1.000E+00	6.750E+00	5.750E+00	1.174E+00
1.300E+03	4.204E-02	-1.470E+02	3.573E+01	2.069E+00	1.000E+00	6.860E+00	5.859E+00	1.171E+00
1.400E+03	3.903E-02	-1.444E+02	3.624E+01	2.144E+00	1.000E+00	6.990E+00	5.986E+00	1.168E+00
1.500E+03	3.642E-02	-1.418E+02	3.673E+01	2.216E+00	1.000E+00	7.180E+00	6.171E+00	1.163E+00
1.600E+03	3.413E-02	-1.391E+02	3.721E+01	2.284E+00	1.001E+00	7.493E+00	6.470E+00	1.158E+00
1.700E+03	3.209E-02	-1.363E+02	3.767E+01	2.347E+00	1.002E+00	8.013E+00	6.964E+00	1.150E+00
1.800E+03	3.025F-02	-1.332E+02	3.815E+01	2.407E+00	1.004E+00	8.849E+00	7.751E+00	1.140E+00
1.900E+03	2.856E-02	-1.298E+02	3.866E+01	2.466E+00	1.007E+00	1.012E+01	8.944E+00	1.129E+00
2.000E+03	2.698E-02	-1.258E+02	3.923E+01	2.525E+00	1.013E+00	1.197E+01	1.066E+01	1.119E+00
2.100E+03	2.547E-02	-1.209E+02	3.987E+01	2.588E+00	1.022E+00	1.450E+01	1.298E+01	1.110E+00
2.200E+03	2.400E-02	-1.150E+02	4.062E+01	2.658E+00	1.035E+00	1.780E+01	1.596E+01	1.103E+00
2.300E+03	2.254E-02	-1.078E+02	4.150E+01	2.736E+00	1.054E+00	2.187E+01	1.959E+01	1.098E+00
2.400E+03	2.109E-02	-9.895E+01	4.253E+01	2.826E+00	1.080E+00	2.662E+01	2.374E+01	1.095E+00
2.500E+03	1.964E-02	-8.825E+01	4.372E+01	2.927E+00	1.113E+00	3.185E+01	2.820E+01	1.095E+00
2.600E+03	1.820E-02	-7.561E+01	4.507E+01	3.042E+00	1.155E+00	3.721E+01	3.264E+01	1.095E+00
2.700E+03	1.680E-02	-6.104E+01	4.657E+01	3.169E+00	1.205E+00	4.230E+01	3.672E+01	1.097E+00
2.800E+03	1.547E-02	-4.471E+01	4.819E+01	3.307E+00	1.262E+00	4.673E+01	4.013E+01	1.100E+00
2.900E+03	1.421E-02	-2.693E+01	4.990E+01	3.456E+00	1.326E+00	5.025E+01	4.271E+01	1.104E+00
3.000E+03	1.306E-02	-8.042E+00	5.165E+01	3.612E+00	1.395E+00	5.277E+01	4.443E+01	1.108E+00
3.100E+03	1.201E-02	1.159E+01	5.340E+01	3.775E+00	1.468E+00	5.429E+01	4.532E+01	1.113E+00
3.200E+03	1.107E-02	3.138E+01	5.514E+01	3.941E+00	1.543E+00	5.469E+01	4.533E+01	1.119E+00
3.300E+03	1.024E-02	5.147E+01	5.681E+01	4.109E+00	1.617E+00	5.371E+01	4.427E+01	1.124E+00
3.400E+03	9.513E-03	7.069E+01	5.838E+01	4.275E+00	1.690E+00	5.100E+01	4.189E+01	1.131E+00
3.500E+03	8.891E-03	8.858E+01	5.979E+01	4.438E+00	1.756E+00	4.644E+01	3.811E+01	1.139E+00
3.600E+03	8.366E-03	1.045E+02	6.102E+01	4.594E+00	1.815E+00	4.043E+01	3.318E+01	1.149E+00
3.700E+03	7.930E-03	1.181E+02	6.204E+01	4.744E+00	1.863E+00	3.380E+01	2.772E+01	1.161E+00
3.800E+03	7.568E-03	1.293E+02	6.285E+01	4.887E+00	1.900E+00	2.746E+01	2.246E+01	1.176E+00
3.900E+03	7.266E-03	1.383E+02	6.349E+01	5.027E+00	1.929E+00	2.206E+01	1.793E+01	1.194E+00
4.000E+03	7.010E-03	1.456E+02	6.400E+01	5.164E+00	1.949E+00	1.782E+01	1.433E+01	1.216E+00
4.100E+03	6.789E-03	1.515E+02	6.440E+01	5.300E+00	1.964E+00	1.469E+01	1.165E+01	1.240E+00
4.200E+03	6.592E-03	1.565E+02	6.472E+01	5.431E+00	1.974E+00	1.245E+01	9.721E+00	1.265E+00
4.300E+03	6.415E-03	1.607E+02	6.500E+01	5.556E+00	1.981E+00	1.088E+01	8.372E+00	1.288E+00
4.400E+03	6.254E-03	1.645E+02	6.523E+01	5.673E+00	1.986E+00	9.807E+00	7.443E+00	1.309E+00
4.500E+03	6.103E-03	1.679E+02	6.545E+01	5.779E+00	1.990E+00	9.078E+00	6.814E+00	1.326E+00
4.600E+03	5.963E-03	1.712E+02	6.564E+01	5.874E+00	1.993E+00	8.597E+00	6.401E+00	1.338E+00
4.700E+03	5.830E-03	1.743E+02	6.582E+01	5.957E+00	1.995E+00	8.304E+00	6.153E+00	1.346E+00
4.800E+03	5.704E-03	1.773E+02	6.599E+01	6.028E+00	1.996E+00	8.165E+00	6.041E+00	1.348E+00
4.900E+03	5.585E-03	1.803E+02	6.616E+01	6.087E+00	1.997E+00	8.174E+00	5.062E+00	1.346E+00
5.000E+03	5.470E-03	1.833E+02	6.633E+01	6.131E+00	1.998E+00	8.347E+00	6.230E+00	1.337E+00
5.100E+03	5.359E-03	1.864E+02	6.650E+01	6.160E+00	2.000E+00	8.724E+00	6.584E+00	1.323E+00
5.200E+03	5.252E-03	1.897E+02	6.667E+01	6.173E+00	2.001E+00	9.376E+00	7.187E+00	1.302E+00
5.300E+03	5.147E-03	1.933E+02	6.686E+01	6.173E+00	2.003E+00	1.041E+01	8.132E+00	1.276E+00
5.400E+03	5.044E-03	1.974E+02	6.707E+01	6.165E+00	2.007E+00	1.195E+01	9.544E+00	1.247E+00
5.500E+03	4.942E-03	2.022E+02	6.731E+01	6.157E+00	2.011E+00	1.420E+01	1.15E+01	1.219E+00
5.600E+03	4.838E-03	2.079E+02	6.759E+01	6.156E+00	2.017E+00	1.736E+01	1.443E+01	1.193E+00
5.700E+03	4.732E-03	2.150E+02	6.793E+01	6.168F+00	2.026E+00	2.168E+01	1.828E+01	1.171E+00
5.800E+03	4.621E-03	2.240F+02	6.836E+01	6.195E+00	2.039E+00	2.738E+01	2.330E+01	1.154E+00
5.900E+03	4.504E-03	2.353E+02	6.889E+01	6.240E+00	2.057E+00	3.461E+01	2.958E+01	1.141E+00
6.000E+03	4.379E-03	2.495E+02	6.954E+01	6.304E+00	2.080E+00	4.340E+01	3.706E+01	1.132E+00
6.100E+03	4.244E-03	2.672E+02	7.034E+01	6.385E+00	2.111E+00	5.352E+01	4.55CE+01	1.125E+00
6.200E+03	4.101E-03	2.888E+02	7.130E+01	6.484E+00	2.149E+00	6.451E+01	5.444E+01	1.122E+00
6.300E+03	3.951E-03	3.145E+02	7.242E+01	6.600E+00	2.196E+00	7.566E+01	6.327E+01	1.119E+00
6.400E+03	3.795E-03	3.441E+02	7.369E+01	6.732E+00	2.251E+00	8.603E+01	7.129E+01	1.119E+00
6.500E+03	3.617E-03	3.772E+02	7.510E+01	6.877E+00	2.312E+00	9.465E+01	7.779E+01	1.119E+00
6.600E+03	3.481E-03	4.131E+02	7.659E+01	7.032E+00	2.379E+00	1.007E+02	8.220E+01	1.120E+00
6.700E+03	3.331E-03	4.505E+02	7.813E+01	7.195E+00	2.449E+00	1.035E+02	8.415E+01	1.121E+00
6.800E+03	3.189E-03	4.884E+02	7.966E+01	7.360E+00	2.520E+00	1.029E+02	8.355E+01	1.124E+00
6.900E+03	3.059E-03	5.255E+02	8.114E+01	7.526E+00	2.589E+00	9.915E+01	8.057E+01	1.127E+00
7.000E+03	2.941E-03	5.607E+02	8.252E+01	7.688E+00	2.654E+00	9.291E+01	7.568E+01	1.131E+00
7.100E+03	2.836E-03	5.933E+02	8.379E+01	7.846E+00	2.714E+00	8.501E+01	6.946E+01	1.135E+00
7.200E+03	2.743E-03	6.229E+02	8.492E+01	7.998E+00	2.768E+00	7.635E+01	6.257E+01	1.141E+00
7.300E+03	2.660F-03	6.492E+02	8.591E+01	8.144E+00	2.815E+00	6.767E+01	5.559E+01	1.147E+00
7.400E+03	2.587E-03	6.725E+02	8.677E+01	8.285E+00	2.855E+00	5.954E+01	4.897E+01	1.155E+00
7.500E+03	2.521E-03	6.929E+02	8.752E+01	8.421E+00	2.890E+00	5.231E+01	4.301E+01	1.163E+00
7.600E+03	2.463E-03	7.109E+02	8.818E+01	8.553F+00	2.920E+00	4.614E+01	3.787E+01	1.172E+00
7.700E+03	2.410E-03	7.268E+02	8.874E+01	8.681E+00	2.945E+00	4.104E+01	3.359E+01	1.181E+00
7.800E+03	2.361E-03	7.411E+02	8.925E+01	8.804E+00	2.967E+00	3.697E+01	3.014E+01	1.190E+00
7.900E+03	2.316E-03	7.540E+02	8.970E+01	8.922E+00	2.987E+00	3.380E+01	2.744E+01	1.199E+00
8.000E+03	2.274E-03	7.659E+02	9.011E+01	9.033E+00	3.004E+00	3.143E+01	2.542E+01	1.207E+00
8.200E+03	2.197E-03	7.878E+02	9.084E+01	9.235E+00	3.034E+00	2.861E+01	2.298E+01	1.219E+00



Table I. - Continued.

T	RHO/RHO-0	H'RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	2.126E-03	8.033E+02	9.152E+01	9.409E+00	3.061E+00	2.769E+01	2.217E+01	1.224E+00
8.600E+03	2.059E-03	8.286E+02	9.217E+01	9.560E+00	3.086E+00	2.809E+01	2.248E+01	1.224E+00
8.800E+03	1.995E-03	8.497E+02	9.283E+01	9.699E+00	3.113E+00	2.943E+01	2.357E+01	1.221E+00
9.000E+03	1.933E-03	8.719E+02	9.351E+01	9.834E+00	3.141E+00	3.143E+01	2.522E+01	1.216E+00
9.200E+03	1.873E-03	8.958E+02	9.423E+01	9.970E+00	3.172E+00	3.394E+01	2.726E+01	1.211E+00
9.400E+03	1.813E-03	9.217E+02	9.499E+01	1.011E+01	3.207E+00	3.682E+01	2.960E+01	1.206E+00
9.600E+03	1.755E-03	9.498E+02	9.580E+01	1.026E+01	3.244E+00	4.001E+01	3.216E+01	1.201E+00
9.800E+03	1.698E-03	9.803E+02	9.666E+01	1.041E+01	3.285E+00	4.341E+01	3.486E+01	1.197E+00
1.000E+04	1.641E-03	1.013E+03	9.757E+01	1.058E+01	3.331E+00	4.699E+01	3.767E+01	1.194E+00
1.020E+04	1.585E-03	1.049E+03	9.854E+01	1.075E+01	3.380E+00	5.068E+01	4.055E+01	1.191E+00
1.040E+04	1.531E-03	1.088E+03	9.956E+01	1.093E+01	3.433E+00	5.446E+01	4.347E+01	1.189E+00
1.060E+04	1.477E-03	1.129E+03	1.006E+02	1.111E+01	3.490E+00	5.830E+01	4.641E+01	1.187E+00
1.080E+04	1.425E-03	1.173E+03	1.018E+02	1.131E+01	3.552E+00	6.219E+01	4.937E+01	1.185E+00
1.100E+04	1.374E-03	1.220E+03	1.029E+02	1.151E+01	3.617E+00	6.615E+01	5.236E+01	1.183E+00
1.120E+04	1.324E-03	1.270E+03	1.042E+02	1.172E+01	3.685E+00	7.017E+01	5.539E+01	1.182E+00
1.140E+04	1.276E-03	1.323E+03	1.054E+02	1.193E+01	3.758E+00	7.429E+01	5.848E+01	1.181E+00
1.160E+04	1.229E-03	1.379E+03	1.068E+02	1.215E+01	3.834E+00	7.852E+01	6.163E+01	1.180E+00
1.180E+04	1.183E-03	1.438E+03	1.082E+02	1.238E+01	3.914E+00	8.286E+01	6.485E+01	1.179E+00
1.200E+04	1.139E-03	1.500E+03	1.096E+02	1.261E+01	3.998E+00	8.727E+01	6.810E+01	1.178E+00
1.220E+04	1.097E-03	1.566E+03	1.111E+02	1.285E+01	4.085E+00	9.168E+01	7.134E+01	1.178E+00
1.240E+04	1.055E-03	1.634E+03	1.126E+02	1.310E+01	4.176E+00	9.598E+01	7.446E+01	1.177E+00
1.260E+04	1.015E-03	1.705E+03	1.142E+02	1.335E+01	4.270E+00	1.000E+02	7.739E+01	1.177E+00
1.280E+04	9.776E-04	1.781E+03	1.158E+02	1.361E+01	4.367E+00	1.037E+02	7.998E+01	1.178E+00
1.300E+04	9.411E-04	1.858E+03	1.174E+02	1.387E+01	4.467E+00	1.067E+02	8.212E+01	1.178E+00
1.320E+04	9.063E-04	1.937E+03	1.190E+02	1.414E+01	4.568E+00	1.090E+02	8.369E+01	1.179E+00
1.340E+04	8.732E-04	2.017E+03	1.207E+02	1.442E+01	4.671E+00	1.103E+02	8.458E+01	1.181E+00
1.360E+04	8.420E-04	2.098E+03	1.223E+02	1.469E+01	4.773E+00	1.106E+02	8.472E+01	1.183E+00
1.380E+04	8.126E-04	2.179E+03	1.239E+02	1.497E+01	4.874E+00	1.098E+02	8.406E+01	1.185E+00
1.400E+04	7.852E-04	2.259E+03	1.255E+02	1.525E+01	4.972E+00	1.079E+02	8.260E+01	1.188E+00
1.420E+04	7.596E-04	2.337E+03	1.270E+02	1.552E+01	5.067E+00	1.049E+02	8.039E+01	1.191E+00
1.440E+04	7.359E-04	2.412E+03	1.285E+02	1.580E+01	5.158E+00	1.010E+02	7.749E+01	1.194E+00
1.460E+04	7.139E-04	2.484E+03	1.298E+02	1.606E+01	5.243E+00	9.642E+01	7.403E+01	1.198E+00
1.480E+04	6.937E-04	2.553E+03	1.311E+02	1.633E+01	5.323E+00	9.124E+01	7.014E+01	1.203E+00
1.500E+04	6.751E-04	2.618E+03	1.323E+02	1.659E+01	5.397E+00	8.571E+01	6.596E+01	1.208E+00
1.520E+04	6.580E-04	2.679E+03	1.334E+02	1.684E+01	5.465E+00	8.002E+01	6.163E+01	1.214E+00
1.540E+04	6.422E-04	2.735E+03	1.344E+02	1.710E+01	5.526E+00	7.435E+01	5.727E+01	1.221E+00
1.560E+04	6.277E-04	2.788E+03	1.353E+02	1.734E+01	5.582E+00	6.844E+01	5.301E+01	1.228E+00
1.580E+04	6.143E-04	2.836E+03	1.362E+02	1.759E+01	5.631E+00	6.360E+01	4.893E+01	1.236E+00
1.600E+04	6.019E-04	2.881E+03	1.369E+02	1.782E+01	5.675E+00	5.872E+01	4.509E+01	1.244E+00
1.620E+04	5.905E-04	2.922E+03	1.376E+02	1.806E+01	5.714E+00	5.424E+01	4.154E+01	1.253E+00
1.640E+04	5.797E-04	2.960E+03	1.383E+02	1.829E+01	5.749E+00	5.018E+01	3.832E+01	1.262E+00
1.660E+04	5.697E-04	2.996E+03	1.389E+02	1.852E+01	5.780E+00	4.656E+01	3.542E+01	1.271E+00
1.680E+04	5.603E-04	3.029E+03	1.394E+02	1.875E+01	5.806E+00	4.335E+01	3.285E+01	1.281E+00
1.700E+04	5.514E-04	3.059E+03	1.399E+02	1.897E+01	5.830E+00	4.056E+01	3.059E+01	1.291E+00
1.720E+04	5.431E-04	3.088E+03	1.403E+02	1.918E+01	5.851E+00	3.815E+01	2.865E+01	1.300E+00
1.740E+04	5.351E-04	3.115E+03	1.408E+02	1.939E+01	5.870E+00	3.611E+01	2.700E+01	1.309E+00
1.760E+04	5.276E-04	3.141E+03	1.412E+02	1.959E+01	5.886E+00	3.440E+01	2.562E+01	1.317E+00
1.780E+04	5.203E-04	3.166E+03	1.416E+02	1.978E+01	5.901E+00	3.300E+01	2.450E+01	1.324E+00
1.800E+04	5.134E-04	3.189E+03	1.419E+02	1.995E+01	5.914E+00	3.191E+01	2.362E+01	1.329E+00
1.820E+04	5.067E-04	3.213E+03	1.423E+02	2.011E+01	5.927E+00	3.109E+01	2.298E+01	1.333E+00
1.840E+04	5.002E-04	3.235E+03	1.426E+02	2.026E+01	5.938E+00	3.054E+01	2.256E+01	1.335E+00
1.860E+04	4.940E-04	3.257E+03	1.429E+02	2.039E+01	5.948E+00	3.024E+01	2.235E+01	1.336E+00
1.880E+04	4.879E-04	3.279E+03	1.433E+02	2.050E+01	5.958E+00	3.020E+01	2.236E+01	1.334E+00
1.900E+04	4.820E-04	3.302E+03	1.436E+02	2.060E+01	5.968E+00	3.040E+01	2.257E+01	1.331E+00
1.920E+04	4.762E-04	3.324E+03	1.439E+02	2.069E+01	5.977E+00	3.084E+01	2.300E+01	1.326E+00
1.940E+04	4.706E-04	3.347E+03	1.442E+02	2.076E+01	5.987E+00	3.154E+01	2.363E+01	1.319E+00
1.960E+04	4.650E-04	3.370E+03	1.445E+02	2.083E+01	5.997E+00	3.248E+01	2.447E+01	1.312E+00
1.980E+04	4.595E-04	3.394E+03	1.449E+02	2.088E+01	6.007E+00	3.367E+01	2.552E+01	1.303E+00
2.000E+04	4.541E-04	3.420E+03	1.452E+02	2.093E+01	6.017E+00	3.511E+01	2.679E+01	1.294E+00
2.020E+04	4.488E-04	3.446E+03	1.456E+02	2.098E+01	6.029E+00	3.680E+01	2.827E+01	1.285E+00
2.040E+04	4.435E-04	3.474E+03	1.460E+02	2.103E+01	6.041E+00	3.875E+01	2.995E+01	1.275E+00
2.060E+04	4.382E-04	3.503E+03	1.463E+02	2.108E+01	6.054E+00	4.095E+01	3.185E+01	1.266E+00
2.080E+04	4.330E-04	3.534E+03	1.468E+02	2.113E+01	6.069E+00	4.339E+01	3.394E+01	1.257E+00
2.100E+04	4.277E-04	3.566E+03	1.472E+02	2.119E+01	6.085E+00	4.607E+01	3.622E+01	1.249E+00
2.120E+04	4.225E-04	3.601E+03	1.476E+02	2.125E+01	6.102E+00	4.896E+01	3.867E+01	1.241E+00
2.140E+04	4.173E-04	3.638E+03	1.481E+02	2.132E+01	6.121E+00	5.204E+01	4.127E+01	1.234E+00
2.160E+04	4.120E-04	3.677E+03	1.486E+02	2.140E+01	6.141E+00	5.529E+01	4.400E+01	1.228E+00
2.180E+04	4.068E-04	3.719E+03	1.491E+02	2.149E+01	6.163E+00	5.868E+01	4.682E+01	1.222E+00
2.200E+04	4.015E-04	3.763E+03	1.497E+02	2.158E+01	6.187E+00	6.217E+01	4.972E+01	1.216E+00
2.220E+04	3.963E-04	3.810E+03	1.503E+02	2.168E+01	6.212E+00	6.574E+01	5.266E+01	1.212E+00
2.240E+04	3.910E-04	3.860E+03	1.509E+02	2.179E+01	6.240E+00	6.933E+01	5.561E+01	1.208E+00
2.260E+04	3.858E-04	3.912E+03	1.515E+02	2.190E+01	6.269E+00	7.292E+01	5.855E+01	1.204E+00
2.280E+04	3.805E-04	3.966E+03	1.522E+02	2.203E+01	6.299E+00	7.648E+01	6.145E+01	1.201E+00
2.300E+04	3.753E-04	4.024E+03	1.528E+02	2.215E+01	6.332E+00	7.999E+01	6.429E+01	1.198E+00
2.320E+04	3.701E-04	4.084E+03	1.535E+02	2.228E+01	6.366E+00	8.341E+01	6.705E+01	1.195E+00
2.340E+04	3.649E-04	4.146E+03	1.543E+02	2.242E+01	6.402E+00	8.674E+01	6.974E+01	1.193E+00
2.360E+04	3.597E-04	4.211E+03	1.550E+02	2.256E+01	6.439E+00	8.998E+01	7.234E+01	1.191E+00
2.380E+04	3.545E-04	4.278E+03	1.558E+02	2.271E+01	6.477E+00	9.313E+01	7.488E+01	1.189E+00
2.400E+04	3.493E-04	4.347E+03	1.566E+02	2.285E+01	6.517E+00	9.622E+01	7.736E+01	1.187E+00
2.420E+04	3.444E-04	4.418E+03	1.574E+02	2.301E+01	6.557E+00	9.925E+01	7.980E+01	1.186E+00
2.440E+04	3.394E-04	4.492E+03	1.582E+02	2.316E+01	6.599E+00	1.023E+02	8.223E+01	1.184E+00
2.460E+04	3.345E-04	4.568E+03	1.591E+02	2.331E+01	6.643E+00	1.053E+02	8.467E+01	1.182E+00
2.480E+04	3.296E-04	4.646E+03	1.599E+02	2.347E+01	6.687E+00	1.084E+02	8.714E+01	1.181E+00
2.500E+04	3.248E-04	4.727E+03	1.608E+02	2.363E+01	6.732E+00	1.115E+02	8.967E+01	1.179E+00

Table I. - Continued.

P/P0 = 3.00E-01

T	RHO/RHO-0	H/RTO	S/R	A/AU	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E-01	-1.718E+02	2.272E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E-01	-1.705E+02	2.524E+01	8.702E-01	1.000E+00	3.891E+00	2.691E+00	1.346E+00
3.000E+02	2.733E-01	-1.690E+02	2.693E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E-01	-1.672E+02	2.829E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E-01	-1.653E+02	2.944E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E-01	-1.633E+02	3.045E+01	1.431E+00	1.000E+00	5.685E+00	4.685E+00	1.213E+00
7.000E+02	1.171E-01	-1.612E+02	3.135E+01	1.533E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E-01	-1.590E+02	3.216E+01	1.619E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E-02	-1.567E+02	3.289E+01	1.732E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E-02	-1.543E+02	3.357E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	7.453E-02	-1.519E+02	3.420E+01	1.909E+00	1.000E+00	6.638E+00	5.638E+00	1.177E+00
1.200E+03	6.832E-02	-1.494E+02	3.478E+01	1.991E+00	1.000E+00	6.749E+00	5.749E+00	1.174E+00
1.300E+03	6.306E-02	-1.470E+02	3.533E+01	2.069E+00	1.000E+00	6.856E+00	5.856E+00	1.171E+00
1.400E+03	5.855E-02	-1.444E+02	3.584E+01	2.145E+00	1.000E+00	6.979E+00	5.979E+00	1.168E+00
1.500E+03	5.464E-02	-1.418E+02	3.633E+01	2.216E+00	1.000E+00	7.154E+00	6.154E+00	1.164E+00
1.600E+03	5.120E-02	-1.392E+02	3.680E+01	2.284E+00	1.001E+00	7.344E+00	6.414E+00	1.159E+00
1.700E+03	4.815E-02	-1.364E+02	3.726E+01	2.349E+00	1.002E+00	7.544E+00	6.651E+00	1.152E+00
1.800E+03	4.540E-02	-1.334E+02	3.773E+01	2.409E+00	1.003E+00	7.744E+00	6.854E+00	1.143E+00
1.900E+03	4.288E-02	-1.300E+02	3.822E+01	2.468E+00	1.004E+00	7.951E+00	7.053E+00	1.132E+00
2.000E+03	4.053E-02	-1.262E+02	3.876E+01	2.527E+00	1.011E+00	8.157E+00	7.250E+00	1.122E+00
2.100E+03	3.830E-02	-1.216E+02	3.937E+01	2.588E+00	1.019E+00	8.360E+00	7.454E+00	1.113E+00
2.200E+03	3.615E-02	-1.161E+02	4.007E+01	2.656E+00	1.031E+00	8.560E+00	7.654E+00	1.105E+00
2.300E+03	3.403E-02	-1.094E+02	4.088E+01	2.731E+00	1.047E+00	8.764E+00	7.858E+00	1.100E+00
2.400E+03	3.192E-02	-1.013E+02	4.182E+01	2.816E+00	1.070E+00	8.972E+00	8.066E+00	1.097E+00
2.500E+03	2.982E-02	-9.152E+01	4.291E+01	2.911E+00	1.100E+00	9.182E+00	8.278E+00	1.096E+00
2.600E+03	2.774E-02	-7.995E+01	4.415E+01	3.019E+00	1.137E+00	9.394E+00	8.492E+00	1.096E+00
2.700E+03	2.570E-02	-6.657E+01	4.555E+01	3.139E+00	1.181E+00	9.608E+00	8.708E+00	1.098E+00
2.800E+03	2.373E-02	-5.149E+01	4.703E+01	3.270E+00	1.234E+00	9.824E+00	8.924E+00	1.101E+00
2.900E+03	2.188E-02	-3.494E+01	4.861E+01	3.411E+00	1.292E+00	1.004E+00	9.140E+00	1.104E+00
3.000E+03	2.015E-02	-1.722E+01	5.025E+01	3.561E+00	1.366E+00	1.027E+00	9.360E+00	1.108E+00
3.100E+03	1.857E-02	1.345E+00	5.192E+01	3.717E+00	1.424E+00	1.051E+00	9.584E+00	1.112E+00
3.200E+03	1.714E-02	2.043E+00	5.357E+01	3.878E+00	1.495E+00	1.076E+00	9.812E+00	1.118E+00
3.300E+03	1.586E-02	3.967E+01	5.519E+01	4.041E+00	1.566E+00	1.102E+00	1.004E+00	1.123E+00
3.400E+03	1.473E-02	5.867E+01	5.674E+01	4.205E+00	1.637E+00	1.127E+00	1.027E+00	1.129E+00
3.500E+03	1.373E-02	7.688E+01	5.818E+01	4.367E+00	1.705E+00	1.151E+00	1.049E+00	1.136E+00
3.600E+03	1.288E-02	9.373E+01	5.948E+01	4.525E+00	1.768E+00	1.174E+00	1.070E+00	1.144E+00
3.700E+03	1.216E-02	1.087E+02	6.060E+01	4.677E+00	1.822E+00	1.197E+00	1.090E+00	1.154E+00
3.800E+03	1.159E-02	1.215E+02	6.153E+01	4.823E+00	1.866E+00	1.198E+00	1.098E+00	1.155E+00
3.900E+03	1.105E-02	1.322E+02	6.229E+01	4.965E+00	1.902E+00	1.202E+00	1.102E+00	1.158E+00
4.000E+03	1.063E-02	1.409E+02	6.289E+01	5.100E+00	1.928E+00	1.205E+00	1.105E+00	1.159E+00
4.100E+03	1.026E-02	1.479E+02	6.337E+01	5.235E+00	1.948E+00	1.207E+00	1.107E+00	1.160E+00
4.200E+03	9.947E-03	1.538E+02	6.375E+01	5.367E+00	1.962E+00	1.208E+00	1.108E+00	1.161E+00
4.300E+03	9.665E-03	1.587E+02	6.407E+01	5.495E+00	1.972E+00	1.209E+00	1.109E+00	1.162E+00
4.400E+03	9.411E-03	1.630E+02	6.434E+01	5.617E+00	1.980E+00	1.209E+00	1.109E+00	1.162E+00
4.500E+03	9.178E-03	1.668E+02	6.457E+01	5.731E+00	1.985E+00	1.209E+00	1.109E+00	1.162E+00
4.600E+03	8.961E-03	1.703E+02	6.478E+01	5.835E+00	1.989E+00	1.209E+00	1.109E+00	1.162E+00
4.700E+03	8.758E-03	1.736E+02	6.497E+01	5.929E+00	1.992E+00	1.209E+00	1.109E+00	1.162E+00
4.800E+03	8.566E-03	1.767E+02	6.515E+01	6.011E+00	1.994E+00	1.209E+00	1.109E+00	1.162E+00
4.900E+03	8.385E-03	1.798E+02	6.533E+01	6.082E+00	1.995E+00	1.209E+00	1.109E+00	1.162E+00
5.000E+03	8.211E-03	1.828E+02	6.549E+01	6.139E+00	1.997E+00	1.209E+00	1.109E+00	1.162E+00
5.100E+03	8.045E-03	1.859E+02	6.566E+01	6.183E+00	1.998E+00	1.209E+00	1.109E+00	1.162E+00
5.200E+03	7.885E-03	1.890E+02	6.583E+01	6.211E+00	2.000E+00	1.209E+00	1.109E+00	1.162E+00
5.300E+03	7.729E-03	1.924E+02	6.600E+01	6.225E+00	2.001E+00	1.209E+00	1.109E+00	1.162E+00
5.400E+03	7.578E-03	1.961E+02	6.619E+01	6.227E+00	2.004E+00	1.209E+00	1.109E+00	1.162E+00
5.500E+03	7.428E-03	2.002E+02	6.639E+01	6.222E+00	2.007E+00	1.209E+00	1.109E+00	1.162E+00
5.600E+03	7.279E-03	2.049E+02	6.663E+01	6.216E+00	2.011E+00	1.209E+00	1.109E+00	1.162E+00
5.700E+03	7.129E-03	2.107E+02	6.690E+01	6.217E+00	2.017E+00	1.209E+00	1.109E+00	1.162E+00
5.800E+03	6.976E-03	2.177E+02	6.724E+01	6.229E+00	2.026E+00	1.209E+00	1.109E+00	1.162E+00
5.900E+03	6.816E-03	2.264E+02	6.764E+01	6.257E+00	2.039E+00	1.209E+00	1.109E+00	1.162E+00
6.000E+03	6.648E-03	2.372E+02	6.814E+01	6.300E+00	2.055E+00	1.209E+00	1.109E+00	1.162E+00
6.100E+03	6.469E-03	2.508E+02	6.876E+01	6.361E+00	2.078E+00	1.209E+00	1.109E+00	1.162E+00
6.200E+03	6.278E-03	2.676E+02	6.950E+01	6.439E+00	2.106E+00	1.209E+00	1.109E+00	1.162E+00
6.300E+03	6.075E-03	2.879E+02	7.039E+01	6.534E+00	2.142E+00	1.209E+00	1.109E+00	1.162E+00
6.400E+03	5.862E-03	3.120E+02	7.142E+01	6.644E+00	2.185E+00	1.209E+00	1.109E+00	1.162E+00
6.500E+03	5.640E-03	3.398E+02	7.260E+01	6.770E+00	2.236E+00	1.209E+00	1.109E+00	1.162E+00
6.600E+03	5.415E-03	3.710E+02	7.390E+01	6.909E+00	2.294E+00	1.209E+00	1.109E+00	1.162E+00
6.700E+03	5.192E-03	4.050E+02	7.530E+01	7.059E+00	2.357E+00	1.209E+00	1.109E+00	1.162E+00
6.800E+03	4.974E-03	4.407E+02	7.674E+01	7.216E+00	2.424E+00	1.209E+00	1.109E+00	1.162E+00
6.900E+03	4.768E-03	4.773E+02	7.820E+01	7.378E+00	2.492E+00	1.209E+00	1.109E+00	1.162E+00
7.000E+03	4.576E-03	5.135E+02	7.963E+01	7.540E+00	2.559E+00	1.209E+00	1.109E+00	1.162E+00
7.100E+03	4.401E-03	5.484E+02	8.098E+01	7.701E+00	2.624E+00	1.209E+00	1.109E+00	1.162E+00
7.200E+03	4.242E-03	5.812E+02	8.223E+01	7.858E+00	2.684E+00	1.209E+00	1.109E+00	1.162E+00
7.300E+03	4.101E-03	6.114E+02	8.337E+01	8.011E+00	2.739E+00	1.209E+00	1.109E+00	1.162E+00
7.400E+03	3.974E-03	6.385E+02	8.438E+01	8.157E+00	2.787E+00	1.209E+00	1.109E+00	1.162E+00
7.500E+03	3.862E-03	6.629E+02	8.527E+01	8.299E+00	2.830E+00	1.209E+00	1.109E+00	1.162E+00
7.600E+03	3.762E-03	6.845E+02	8.605E+01	8.426E+00	2.867E+00	1.209E+00	1.109E+00	1.162E+00
7.700E+03	3.672E-03	7.035E+02	8.673E+01	8.549E+00	2.899E+00	1.209E+00	1.109E+00	1.162E+00
7.800E+03	3.591E-03	7.204E+02	8.733E+01	8.698E+00	2.927E+00	1.209E+00	1.109E+00	1.162E+00
7.900E+03	3.517E-03	7.355E+02	8.785E+01	8.823E+00	2.950E+00	1.209E+00	1.109E+00	1.162E+00
8.000E+03	3.449E-03	7.491E+02	8.832E+01	8.943E+00	2.971E+00	1.209E+00	1.109E+00	1.162E+00
8.200E+03	3.376E-03	7.731E+02	8.913E+01	9.157E+00	3.006E+00	1.209E+00	1.109E+00	1.162E+00

Table I. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
8.400E+03	3.216E-03	7.945E+02	8.983E+01	9.364E+00	3.033E+00	2.806E+01	2.245E+01	1.223E+00
8.500E+03	3.115E-03	8.146E+02	9.048E+01	9.535E+00	3.061E+00	2.720E+01	2.170E+01	1.228E+00
8.600E+03	3.019E-03	8.346E+02	9.111E+01	9.686E+00	3.086E+00	2.753E+01	2.195E+01	1.228E+00
9.000E+03	2.928E-03	8.552E+02	9.174E+01	9.825E+00	3.111E+00	2.870E+01	2.290E+01	1.225E+00
9.200E+03	2.839E-03	8.768E+02	9.239E+01	9.958E+00	3.139E+00	3.049E+01	2.437E+01	1.221E+00
9.400E+03	2.753E-03	8.999E+02	9.307E+01	1.009E+01	3.168E+00	3.274E+01	2.620E+01	1.216E+00
9.600E+03	2.666E-03	9.248E+02	9.378E+01	1.023E+01	3.200E+00	3.536E+01	2.831E+01	1.211E+00
9.800E+03	2.585E-03	9.518E+02	9.454E+01	1.037E+01	3.236E+00	3.825E+01	3.063E+01	1.206E+00
1.000E+04	2.504E-03	9.809E+02	9.535E+01	1.052E+01	3.274E+00	4.136E+01	3.310E+01	1.202E+00
1.020E+04	2.423E-03	1.012E+03	9.670E+01	1.068E+01	3.317E+00	4.464E+01	3.568E+01	1.199E+00
1.040E+04	2.344E-03	1.045E+03	9.710E+01	1.085E+01	3.363E+00	4.805E+01	3.834E+01	1.196E+00
1.060E+04	2.266E-03	1.083E+03	9.804E+01	1.102E+01	3.412E+00	5.156E+01	4.104E+01	1.193E+00
1.080E+04	2.190E-03	1.122E+03	9.904E+01	1.120E+01	3.466E+00	5.515E+01	4.379E+01	1.191E+00
1.100E+04	2.115E-03	1.164E+03	1.001E+02	1.139E+01	3.523E+00	5.880E+01	4.656E+01	1.189E+00
1.120E+04	2.042E-03	1.208E+03	1.012E+02	1.158E+01	3.584E+00	6.251E+01	4.936E+01	1.188E+00
1.140E+04	1.971E-03	1.255E+03	1.023E+02	1.178E+01	3.648E+00	6.628E+01	5.220E+01	1.186E+00
1.160E+04	1.902E-03	1.305E+03	1.035E+02	1.199E+01	3.716E+00	7.014E+01	5.508E+01	1.185E+00
1.180E+04	1.824E-03	1.358E+03	1.047E+02	1.220E+01	3.787E+00	7.408E+01	5.801E+01	1.184E+00
1.200E+04	1.769E-03	1.414E+03	1.060E+02	1.242E+01	3.862E+00	7.810E+01	6.099E+01	1.183E+00
1.220E+04	1.705E-03	1.472E+03	1.073E+02	1.264E+01	3.941E+00	8.218E+01	6.399E+01	1.182E+00
1.240E+04	1.644E-03	1.534E+03	1.087E+02	1.288E+01	4.022E+00	8.629E+01	6.699E+01	1.182E+00
1.260E+04	1.584E-03	1.599E+03	1.101E+02	1.311E+01	4.107E+00	9.034E+01	6.994E+01	1.181E+00
1.280E+04	1.526E-03	1.666E+03	1.116E+02	1.336E+01	4.196E+00	9.424E+01	7.274E+01	1.181E+00
1.300E+04	1.471E-03	1.737E+03	1.131E+02	1.361E+01	4.287E+00	9.785E+01	7.532E+01	1.181E+00
1.320E+04	1.418E-03	1.809E+03	1.146E+02	1.386E+01	4.381E+00	1.011E+02	7.758E+01	1.182E+00
1.340E+04	1.367E-03	1.884E+03	1.161E+02	1.413E+01	4.477E+00	1.037E+02	7.942E+01	1.182E+00
1.360E+04	1.313E-03	1.961E+03	1.177E+02	1.439E+01	4.574E+00	1.056E+02	8.073E+01	1.184E+00
1.380E+04	1.272E-03	2.039E+03	1.192E+02	1.466E+01	4.672E+00	1.067E+02	8.145E+01	1.185E+00
1.400E+04	1.228E-03	2.117E+03	1.208E+02	1.493E+01	4.769E+00	1.069E+02	8.151E+01	1.187E+00
1.420E+04	1.187E-03	2.195E+03	1.223E+02	1.520E+01	4.865E+00	1.061E+02	8.088E+01	1.189E+00
1.440E+04	1.148E-03	2.272E+03	1.237E+02	1.547E+01	4.960E+00	1.044E+02	7.956E+01	1.192E+00
1.460E+04	1.112E-03	2.348E+03	1.252E+02	1.574E+01	5.051E+00	1.017E+02	7.759E+01	1.195E+00
1.480E+04	1.078E-03	2.421E+03	1.265E+02	1.601E+01	5.138E+00	9.829E+01	7.504E+01	1.198E+00
1.500E+04	1.047E-03	2.492E+03	1.278E+02	1.627E+01	5.221E+00	9.418E+01	7.198E+01	1.202E+00
1.520E+04	1.018E-03	2.559E+03	1.290E+02	1.653E+01	5.298E+00	8.957E+01	6.853E+01	1.207E+00
1.540E+04	9.913E-04	2.623E+03	1.302E+02	1.679E+01	5.370E+00	8.461E+01	6.480E+01	1.211E+00
1.560E+04	9.665E-04	2.683E+03	1.312E+02	1.704E+01	5.437E+00	7.947E+01	6.090E+01	1.217E+00
1.580E+04	9.438E-04	2.739E+03	1.322E+02	1.729E+01	5.498E+00	7.429E+01	5.696E+01	1.223E+00
1.600E+04	9.227E-04	2.791E+03	1.331E+02	1.753E+01	5.553E+00	6.922E+01	5.306E+01	1.230E+00
1.620E+04	9.032E-04	2.840E+03	1.340E+02	1.777E+01	5.603E+00	6.434E+01	4.929E+01	1.237E+00
1.640E+04	8.851E-04	2.886E+03	1.347E+02	1.801E+01	5.648E+00	5.974E+01	4.571E+01	1.244E+00
1.660E+04	8.683E-04	2.928E+03	1.354E+02	1.824E+01	5.688E+00	5.547E+01	4.236E+01	1.252E+00
1.680E+04	8.526E-04	2.967E+03	1.361E+02	1.847E+01	5.723E+00	5.156E+01	3.927E+01	1.261E+00
1.700E+04	8.379E-04	3.004E+03	1.366E+02	1.869E+01	5.755E+00	4.802E+01	3.647E+01	1.270E+00
1.720E+04	8.241E-04	3.038E+03	1.372E+02	1.892E+01	5.784E+00	4.486E+01	3.395E+01	1.279E+00
1.740E+04	8.111E-04	3.069E+03	1.377E+02	1.913E+01	5.809E+00	4.207E+01	3.172E+01	1.288E+00
1.760E+04	7.988E-04	3.099E+03	1.382E+02	1.934E+01	5.831E+00	3.963E+01	2.976E+01	1.296E+00
1.780E+04	7.872E-04	3.127E+03	1.386E+02	1.955E+01	5.851E+00	3.752E+01	2.807E+01	1.305E+00
1.800E+04	7.761E-04	3.154E+03	1.390E+02	1.975E+01	5.869E+00	3.574E+01	2.664E+01	1.312E+00
1.820E+04	7.654E-04	3.180E+03	1.394E+02	1.993E+01	5.885E+00	3.425E+01	2.545E+01	1.319E+00
1.840E+04	7.553E-04	3.204E+03	1.398E+02	2.011E+01	5.899E+00	3.305E+01	2.450E+01	1.325E+00
1.860E+04	7.455E-04	3.228E+03	1.401E+02	2.028E+01	5.913E+00	3.212E+01	2.376E+01	1.329E+00
1.880E+04	7.360E-04	3.252E+03	1.404E+02	2.043E+01	5.925E+00	3.144E+01	2.324E+01	1.332E+00
1.900E+04	7.269E-04	3.274E+03	1.408E+02	2.057E+01	5.936E+00	3.100E+01	2.292E+01	1.333E+00
1.920E+04	7.180E-04	3.297E+03	1.411E+02	2.069E+01	5.947E+00	3.081E+01	2.280E+01	1.333E+00
1.940E+04	7.094E-04	3.320E+03	1.414E+02	2.080E+01	5.957E+00	3.085E+01	2.288E+01	1.331E+00
1.960E+04	7.010E-04	3.342E+03	1.417E+02	2.089E+01	5.967E+00	3.112E+01	2.315E+01	1.327E+00
1.980E+04	6.927E-04	3.365E+03	1.421E+02	2.098E+01	5.977E+00	3.162E+01	2.362E+01	1.322E+00
2.000E+04	6.847E-04	3.389E+03	1.424E+02	2.105E+01	5.987E+00	3.235E+01	2.428E+01	1.316E+00
2.020E+04	6.767E-04	3.413E+03	1.427E+02	2.111E+01	5.997E+00	3.331E+01	2.513E+01	1.308E+00
2.040E+04	6.689E-04	3.437E+03	1.430E+02	2.117E+01	6.008E+00	3.450E+01	2.618E+01	1.300E+00
2.060E+04	6.612E-04	3.463E+03	1.434E+02	2.123E+01	6.019E+00	3.593E+01	2.743E+01	1.292E+00
2.080E+04	6.536E-04	3.490E+03	1.437E+02	2.128E+01	6.031E+00	3.759E+01	2.887E+01	1.283E+00
2.100E+04	6.460E-04	3.518E+03	1.441E+02	2.133E+01	6.043E+00	3.948E+01	3.050E+01	1.274E+00
2.120E+04	6.384E-04	3.548E+03	1.445E+02	2.138E+01	6.057E+00	4.159E+01	3.232E+01	1.266E+00
2.140E+04	6.309E-04	3.579E+03	1.449E+02	2.144E+01	6.072E+00	4.393E+01	3.431E+01	1.258E+00
2.160E+04	6.235E-04	3.612E+03	1.453E+02	2.150E+01	6.088E+00	4.647E+01	3.647E+01	1.250E+00
2.180E+04	6.160E-04	3.647E+03	1.457E+02	2.157E+01	6.105E+00	4.920E+01	3.878E+01	1.243E+00
2.200E+04	6.085E-04	3.684E+03	1.462E+02	2.164E+01	6.124E+00	5.211E+01	4.122E+01	1.236E+00
2.220E+04	6.011E-04	3.724E+03	1.467E+02	2.172E+01	6.144E+00	5.517E+01	4.377E+01	1.230E+00
2.240E+04	5.938E-04	3.765E+03	1.472E+02	2.181E+01	6.165E+00	5.835E+01	4.642E+01	1.224E+00
2.260E+04	5.861E-04	3.809E+03	1.477E+02	2.190E+01	6.189E+00	6.163E+01	4.913E+01	1.219E+00
2.280E+04	5.787E-04	3.856E+03	1.483E+02	2.200E+01	6.214E+00	6.498E+01	5.189E+01	1.215E+00
2.300E+04	5.712E-04	3.904E+03	1.489E+02	2.211E+01	6.240E+00	6.837E+01	5.466E+01	1.211E+00
2.320E+04	5.637E-04	3.955E+03	1.495E+02	2.222E+01	6.269E+00	7.176E+01	5.743E+01	1.207E+00
2.340E+04	5.562E-04	4.009E+03	1.501E+02	2.234E+01	6.299E+00	7.514E+01	6.017E+01	1.204E+00
2.360E+04	5.488E-04	4.065E+03	1.508E+02	2.247E+01	6.330E+00	7.849E+01	6.287E+01	1.201E+00
2.380E+04	5.413E-04	4.124E+03	1.514E+02	2.260E+01	6.363E+00	8.178E+01	6.553E+01	1.199E+00
2.400E+04	5.339E-04	4.185E+03	1.521E+02	2.273E+01	6.398E+00	8.501E+01	6.812E+01	1.196E+00
2.420E+04	5.266E-04	4.249E+03	1.529E+02	2.287E+01	6.433E+00	8.817E+01	7.066E+01	1.194E+00
2.440E+04	5.193E-04	4.315E+03	1.536E+02	2.301E+01	6.471E+00	9.127E+01	7.314E+01	1.192E+00
2.460E+04	5.120E-04	4.383E+03	1.544E+02	2.316E+01	6.509E+00	9.431E+01	7.558E+01	1.190E+00
2.480E+04	5.048E-04	4.453E+03	1.551E+02	2.330E+01	6.549E+00	9.732E+01	7.798E+01	1.189E+00
2.500E+04	4.977E-04	4.525E+03	1.559E+02	2.345E+01	6.589E+00	1.003E+02	8.037E+01	1.187E+00

Table I. - Continued.

P/P0 = 4.00E-01

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E+00	-1.718E+02	2.243E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.394E+00
2.000E+02	5.465E-01	-1.705E+02	2.495E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E-01	-1.690E+02	2.664E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E-01	-1.672E+02	2.800E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E-01	-1.653E+02	2.915E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E-01	-1.633E+02	3.016E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E-01	-1.612E+02	3.106E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E-01	-1.590E+02	3.187E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E-01	-1.567E+02	3.261E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E-01	-1.543E+02	3.328E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	9.937E-02	-1.519E+02	3.391E+01	1.909E+00	1.000E+00	6.638E+00	5.638E+00	1.177E+00
1.200E+03	9.109E-02	-1.494E+02	3.449E+01	1.991E+00	1.000E+00	6.749E+00	5.749E+00	1.174E+00
1.300E+03	8.408E-02	-1.470E+02	3.504E+01	2.069E+00	1.000E+00	6.854E+00	5.833E+00	1.171E+00
1.400E+03	7.807E-02	-1.444E+02	3.555E+01	2.145E+00	1.000E+00	6.973E+00	5.970E+00	1.168E+00
1.500E+03	7.285E-02	-1.418E+02	3.604E+01	2.217E+00	1.000E+00	7.137E+00	6.130E+00	1.164E+00
1.600E+03	6.827E-02	-1.392E+02	3.650E+01	2.285E+00	1.001E+00	7.297E+00	6.279E+00	1.159E+00
1.700E+03	6.421E-02	-1.364E+02	3.696E+01	2.350E+00	1.001E+00	7.481E+00	6.478E+00	1.153E+00
1.800E+03	6.055E-02	-1.334E+02	3.743E+01	2.411E+00	1.003E+00	7.692E+00	6.714E+00	1.144E+00
1.900E+03	5.720E-02	-1.301E+02	3.791E+01	2.469E+00	1.006E+00	7.914E+00	6.971E+00	1.134E+00
2.000E+03	5.410E-02	-1.264E+02	3.844E+01	2.528E+00	1.010E+00	8.149E+00	7.243E+00	1.124E+00
2.100E+03	5.116E-02	-1.227E+02	3.902E+01	2.589E+00	1.017E+00	8.392E+00	7.516E+00	1.115E+00
2.200E+03	4.833E-02	-1.188E+02	3.969E+01	2.655E+00	1.028E+00	8.648E+00	7.803E+00	1.106E+00
2.300E+03	4.556E-02	-1.105E+02	4.045E+01	2.728E+00	1.043E+00	8.919E+00	8.100E+00	1.102E+00
2.400E+03	4.281E-02	-1.028E+02	4.134E+01	2.809E+00	1.064E+00	9.203E+00	8.417E+00	1.099E+00
2.500E+03	4.008E-02	-9.362E+01	4.237E+01	2.902E+00	1.091E+00	9.500E+00	8.743E+00	1.097E+00
2.600E+03	3.737E-02	-8.275E+01	4.353E+01	3.005E+00	1.125E+00	9.804E+00	9.082E+00	1.097E+00
2.700E+03	3.471E-02	-7.016E+01	4.483E+01	3.120E+00	1.166E+00	1.017E+00	9.433E+00	1.099E+00
2.800E+03	3.213E-02	-5.592E+01	4.624E+01	3.246E+00	1.215E+00	1.060E+00	9.803E+00	1.101E+00
2.900E+03	2.968E-02	-4.022E+01	4.775E+01	3.382E+00	1.270E+00	1.109E+00	1.020E+00	1.104E+00
3.000E+03	2.739E-02	-2.332E+01	4.931E+01	3.526E+00	1.330E+00	1.164E+00	1.062E+00	1.108E+00
3.100E+03	2.528E-02	-5.523E+00	5.090E+01	3.678E+00	1.395E+00	1.225E+00	1.107E+00	1.112E+00
3.200E+03	2.336E-02	1.287E+01	5.250E+01	3.834E+00	1.462E+00	1.290E+00	1.154E+00	1.117E+00
3.300E+03	2.163E-02	3.157E+01	5.407E+01	3.994E+00	1.531E+00	1.359E+00	1.203E+00	1.122E+00
3.400E+03	2.008E-02	5.021E+01	5.559E+01	4.156E+00	1.601E+00	1.432E+00	1.250E+00	1.128E+00
3.500E+03	1.872E-02	6.839E+01	5.703E+01	4.316E+00	1.668E+00	1.508E+00	1.297E+00	1.134E+00
3.600E+03	1.753E-02	8.598E+01	5.835E+01	4.474E+00	1.732E+00	1.588E+00	1.344E+00	1.141E+00
3.700E+03	1.651E-02	1.013E+02	5.953E+01	4.628E+00	1.789E+00	1.670E+00	1.390E+00	1.150E+00
3.800E+03	1.565E-02	1.151E+02	6.053E+01	4.775E+00	1.838E+00	1.754E+00	1.435E+00	1.161E+00
3.900E+03	1.492E-02	1.268E+02	6.137E+01	4.917E+00	1.878E+00	1.842E+00	1.478E+00	1.173E+00
4.000E+03	1.431E-02	1.366E+02	6.205E+01	5.054E+00	1.910E+00	1.932E+00	1.519E+00	1.189E+00
4.100E+03	1.379E-02	1.447E+02	6.259E+01	5.189E+00	1.934E+00	2.024E+00	1.558E+00	1.207E+00
4.200E+03	1.334E-02	1.513E+02	6.302E+01	5.320E+00	1.951E+00	2.117E+00	1.595E+00	1.228E+00
4.300E+03	1.294E-02	1.568E+02	6.338E+01	5.449E+00	1.964E+00	2.212E+00	1.630E+00	1.250E+00
4.400E+03	1.259E-02	1.615E+02	6.368E+01	5.574E+00	1.974E+00	2.308E+00	1.654E+00	1.272E+00
4.500E+03	1.227E-02	1.657E+02	6.394E+01	5.692E+00	1.980E+00	2.404E+00	1.678E+00	1.292E+00
4.600E+03	1.197E-02	1.695E+02	6.416E+01	5.802E+00	1.985E+00	2.500E+00	1.699E+00	1.310E+00
4.700E+03	1.169E-02	1.730E+02	6.436E+01	5.902E+00	1.989E+00	2.596E+00	1.718E+00	1.325E+00
4.800E+03	1.143E-02	1.762E+02	6.455E+01	5.992E+00	1.992E+00	2.692E+00	1.735E+00	1.335E+00
4.900E+03	1.119E-02	1.794E+02	6.473E+01	6.070E+00	1.994E+00	2.788E+00	1.750E+00	1.341E+00
5.000E+03	1.096E-02	1.824E+02	6.490E+01	6.137E+00	1.995E+00	2.884E+00	1.764E+00	1.342E+00
5.100E+03	1.073E-02	1.855E+02	6.506E+01	6.190E+00	1.997E+00	2.979E+00	1.777E+00	1.338E+00
5.200E+03	1.052E-02	1.886E+02	6.523E+01	6.229E+00	1.998E+00	3.074E+00	1.789E+00	1.328E+00
5.300E+03	1.031E-02	1.919E+02	6.540E+01	6.254E+00	2.000E+00	3.169E+00	1.799E+00	1.312E+00
5.400E+03	1.011E-02	1.953E+02	6.557E+01	6.265E+00	2.002E+00	3.264E+00	1.808E+00	1.291E+00
5.500E+03	9.916E-03	1.991E+02	6.576E+01	6.266E+00	2.004E+00	3.359E+00	1.816E+00	1.266E+00
5.600E+03	9.722E-03	2.034E+02	6.598E+01	6.261E+00	2.008E+00	3.454E+00	1.823E+00	1.240E+00
5.700E+03	9.528E-03	2.084E+02	6.622E+01	6.258E+00	2.013E+00	3.549E+00	1.829E+00	1.214E+00
5.800E+03	9.332E-03	2.144E+02	6.650E+01	6.263E+00	2.020E+00	3.644E+00	1.834E+00	1.191E+00
5.900E+03	9.131E-03	2.217E+02	6.684E+01	6.280E+00	2.029E+00	3.739E+00	1.838E+00	1.171E+00
6.000E+03	8.921E-03	2.308E+02	6.726E+01	6.311E+00	2.042E+00	3.834E+00	1.841E+00	1.156E+00
6.100E+03	8.701E-03	2.420E+02	6.777E+01	6.358E+00	2.060E+00	3.929E+00	1.843E+00	1.144E+00
6.200E+03	8.467E-03	2.559E+02	6.838E+01	6.422E+00	2.082E+00	4.024E+00	1.845E+00	1.136E+00
6.300E+03	8.218E-03	2.729E+02	6.913E+01	6.502E+00	2.111E+00	4.119E+00	1.846E+00	1.130E+00
6.400E+03	7.954E-03	2.933E+02	7.000E+01	6.598E+00	2.147E+00	4.214E+00	1.847E+00	1.126E+00
6.500E+03	7.677E-03	3.173E+02	7.102E+01	6.709E+00	2.190E+00	4.309E+00	1.848E+00	1.124E+00
6.600E+03	7.392E-03	3.444E+02	7.217E+01	6.834E+00	2.241E+00	4.404E+00	1.849E+00	1.123E+00
6.700E+03	7.102E-03	3.755E+02	7.343E+01	6.972E+00	2.297E+00	4.500E+00	1.850E+00	1.123E+00
6.800E+03	6.815E-03	4.087E+02	7.477E+01	7.120E+00	2.359E+00	4.596E+00	1.851E+00	1.124E+00
6.900E+03	6.537E-03	4.436E+02	7.616E+01	7.275E+00	2.424E+00	4.692E+00	1.852E+00	1.125E+00
7.000E+03	6.272E-03	4.792E+02	7.756E+01	7.434E+00	2.490E+00	4.788E+00	1.853E+00	1.127E+00
7.100E+03	6.025E-03	5.166E+02	7.893E+01	7.595E+00	2.555E+00	4.884E+00	1.854E+00	1.130E+00
7.200E+03	5.798E-03	5.487E+02	8.024E+01	7.753E+00	2.618E+00	4.980E+00	1.855E+00	1.134E+00
7.300E+03	5.593E-03	5.809E+02	8.145E+01	7.909E+00	2.677E+00	5.076E+00	1.856E+00	1.138E+00
7.400E+03	5.408E-03	6.107E+02	8.255E+01	8.069E+00	2.731E+00	5.172E+00	1.857E+00	1.143E+00
7.500E+03	5.244E-03	6.371E+02	8.355E+01	8.206E+00	2.779E+00	5.268E+00	1.858E+00	1.148E+00
7.600E+03	5.097E-03	6.619E+02	8.442E+01	8.347E+00	2.822E+00	5.364E+00	1.859E+00	1.155E+00
7.700E+03	4.963E-03	6.835E+02	8.519E+01	8.483E+00	2.859E+00	5.460E+00	1.860E+00	1.162E+00
7.800E+03	4.847E-03	7.027E+02	8.587E+01	8.615E+00	2.891E+00	5.556E+00	1.861E+00	1.170E+00
7.900E+03	4.740E-03	7.198E+02	8.646E+01	8.744E+00	2.919E+00	5.652E+00	1.862E+00	1.178E+00
8.000E+03	4.642E-03	7.350E+02	8.699E+01	8.868E+00	2.943E+00	5.748E+00	1.863E+00	1.187E+00
8.200E+03	4.469E-03	7.615E+02	8.788E+01	9.104E+00	2.983E+00	5.844E+00	1.864E+00	1.205E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.430E+03	4.316F-03	7.841E+02	8.863E+01	9.318E+00	3.015E+03	2.922E+01	2.342E+01	1.213E+00
8.500E+03	4.178E-03	8.047E+02	8.929E+01	9.506E+00	3.042E+00	2.733E+01	2.179E+01	1.228E+00
8.800E+03	4.050E-03	8.245E+02	8.991E+01	9.659E+00	3.067E+00	2.585E+01	2.155E+01	1.232E+00
9.000E+03	3.929E-03	8.443E+02	9.052E+01	9.816E+00	3.092E+00	2.736E+01	2.175E+01	1.231E+00
9.200E+03	3.812E-03	8.647E+02	9.113E+01	9.951E+00	3.117E+00	2.860E+01	2.276E+01	1.228E+00
9.400E+03	3.699E-03	8.863E+02	9.176E+01	1.008E+01	3.144E+00	3.037E+01	2.421E+01	1.223E+00
9.500E+03	3.589E-03	9.093E+02	9.242E+01	1.022E+01	3.173E+00	3.255E+01	2.592E+01	1.218E+00
9.800E+03	3.481E-03	9.340E+02	9.312E+01	1.035E+01	3.205E+00	3.506E+01	2.800E+01	1.213E+00
1.000E+04	3.374E-03	9.507E+02	9.386E+01	1.050E+01	3.239E+00	3.781E+01	3.020E+01	1.209E+00
1.020E+04	3.270E-03	9.895E+02	9.463E+01	1.064E+01	3.277E+00	4.077E+01	3.255E+01	1.205E+00
1.040E+04	3.167E-03	1.020E+03	9.546E+01	1.080E+01	3.319E+00	4.389E+01	3.499E+01	1.202E+00
1.060E+04	3.066E-03	1.054E+03	9.632E+01	1.096E+01	3.363E+00	4.714E+01	3.751E+01	1.199E+00
1.080E+04	2.967E-03	1.090E+03	9.723E+01	1.113E+01	3.411E+00	5.048E+01	4.009E+01	1.196E+00
1.100E+04	2.869E-03	1.128E+03	9.819E+01	1.131E+01	3.463E+00	5.391E+01	4.270E+01	1.194E+00
1.120E+04	2.774E-03	1.168E+03	9.920E+01	1.150E+01	3.519E+00	5.740E+01	4.535E+01	1.192E+00
1.140E+04	2.680E-03	1.212E+03	1.002E+02	1.169E+01	3.577E+00	6.096E+01	4.802E+01	1.191E+00
1.160E+04	2.589E-03	1.258E+03	1.013E+02	1.188E+01	3.639E+00	6.458E+01	5.074E+01	1.189E+00
1.180E+04	2.500E-03	1.306E+03	1.025E+02	1.209E+01	3.705E+00	6.827E+01	5.349E+01	1.188E+00
1.200E+04	2.414E-03	1.358E+03	1.036E+02	1.230E+01	3.774E+00	7.203E+01	5.628E+01	1.187E+00
1.220E+04	2.330E-03	1.412E+03	1.049E+02	1.251E+01	3.846E+00	7.587E+01	5.911E+01	1.186E+00
1.240E+04	2.248E-03	1.469E+03	1.061E+02	1.273E+01	3.922E+00	7.975E+01	6.196E+01	1.185E+00
1.260E+04	2.169E-03	1.529E+03	1.074E+02	1.296E+01	4.000E+00	8.365E+01	6.479E+01	1.184E+00
1.280E+04	2.092E-03	1.591E+03	1.088E+02	1.319E+01	4.082E+00	8.750E+01	6.758E+01	1.184E+00
1.300E+04	2.018E-03	1.657E+03	1.102E+02	1.343E+01	4.167E+00	9.121E+01	7.025E+01	1.184E+00
1.320E+04	1.945E-03	1.725E+03	1.116E+02	1.368E+01	4.255E+00	9.469E+01	7.272E+01	1.184E+00
1.340E+04	1.877E-03	1.795E+03	1.130E+02	1.393E+01	4.346E+00	9.781E+01	7.492E+01	1.184E+00
1.360E+04	1.811E-03	1.868E+03	1.145E+02	1.418E+01	4.438E+00	1.005E+02	7.677E+01	1.185E+00
1.380E+04	1.748E-03	1.942E+03	1.160E+02	1.444E+01	4.532E+00	1.025E+02	7.816E+01	1.186E+00
1.400E+04	1.688E-03	2.018E+03	1.175E+02	1.471E+01	4.626E+00	1.038E+02	7.904E+01	1.187E+00
1.420E+04	1.631E-03	2.094E+03	1.190E+02	1.497E+01	4.721E+00	1.043E+02	7.935E+01	1.189E+00
1.440E+04	1.577E-03	2.171E+03	1.204E+02	1.524E+01	4.815E+00	1.040E+02	7.904E+01	1.191E+00
1.460E+04	1.526E-03	2.246E+03	1.218E+02	1.551E+01	4.907E+00	1.028E+02	7.812E+01	1.193E+00
1.480E+04	1.478E-03	2.321E+03	1.232E+02	1.577E+01	4.997E+00	1.008E+02	7.658E+01	1.196E+00
1.500E+04	1.434E-03	2.394E+03	1.246E+02	1.604E+01	5.083E+00	9.794E+01	7.449E+01	1.199E+00
1.520E+04	1.392E-03	2.464E+03	1.258E+02	1.630E+01	5.166E+00	9.445E+01	7.190E+01	1.203E+00
1.540E+04	1.354E-03	2.532E+03	1.270E+02	1.656E+01	5.244E+00	9.042E+01	6.890E+01	1.207E+00
1.560E+04	1.318E-03	2.596E+03	1.282E+02	1.681E+01	5.317E+00	8.598E+01	6.559E+01	1.211E+00
1.580E+04	1.283E-03	2.658E+03	1.293E+02	1.706E+01	5.385E+00	8.128E+01	6.206E+01	1.216E+00
1.600E+04	1.254E-03	2.715E+03	1.302E+02	1.731E+01	5.448E+00	7.647E+01	5.842E+01	1.222E+00
1.620E+04	1.226E-03	2.770E+03	1.312E+02	1.755E+01	5.506E+00	7.166E+01	5.475E+01	1.228E+00
1.640E+04	1.199E-03	2.820E+03	1.320E+02	1.779E+01	5.558E+00	6.695E+01	5.115E+01	1.234E+00
1.660E+04	1.175E-03	2.868E+03	1.328E+02	1.803E+01	5.605E+00	6.245E+01	4.767E+01	1.241E+00
1.680E+04	1.152E-03	2.912E+03	1.335E+02	1.826E+01	5.649E+00	5.820E+01	4.437E+01	1.249E+00
1.700E+04	1.131E-03	2.953E+03	1.342E+02	1.849E+01	5.687E+00	5.425E+01	4.128E+01	1.257E+00
1.720E+04	1.111E-03	2.991E+03	1.348E+02	1.871E+01	5.722E+00	5.063E+01	3.843E+01	1.265E+00
1.740E+04	1.092E-03	3.027E+03	1.354E+02	1.893E+01	5.752E+00	4.735E+01	3.584E+01	1.273E+00
1.760E+04	1.073E-03	3.061E+03	1.359E+02	1.915E+01	5.780E+00	4.441E+01	3.351E+01	1.282E+00
1.780E+04	1.053E-03	3.092E+03	1.364E+02	1.936E+01	5.805E+00	4.181E+01	3.144E+01	1.290E+00
1.800E+04	1.042E-03	3.122E+03	1.368E+02	1.957E+01	5.827E+00	3.933E+01	2.962E+01	1.298E+00
1.820E+04	1.027E-03	3.150E+03	1.373E+02	1.977E+01	5.846E+00	3.755E+01	2.805E+01	1.306E+00
1.840E+04	1.013E-03	3.177E+03	1.377E+02	1.996E+01	5.864E+00	3.588E+01	2.671E+01	1.313E+00
1.860E+04	9.994E-04	3.203E+03	1.380E+02	2.014E+01	5.880E+00	3.448E+01	2.560E+01	1.319E+00
1.880E+04	9.863E-04	3.228E+03	1.384E+02	2.032E+01	5.895E+00	3.335E+01	2.470E+01	1.324E+00
1.900E+04	9.737E-04	3.252E+03	1.387E+02	2.048E+01	5.908E+00	3.247E+01	2.402E+01	1.328E+00
1.920E+04	9.616E-04	3.275E+03	1.391E+02	2.063E+01	5.921E+00	3.183E+01	2.353E+01	1.330E+00
1.940E+04	9.498E-04	3.299E+03	1.394E+02	2.076E+01	5.932E+00	3.143E+01	2.324E+01	1.331E+00
1.960E+04	9.384E-04	3.321E+03	1.397E+02	2.088E+01	5.943E+00	3.125E+01	2.314E+01	1.331E+00
1.980E+04	9.272E-04	3.344E+03	1.400E+02	2.099E+01	5.954E+00	3.130E+01	2.322E+01	1.329E+00
2.000E+04	9.164E-04	3.367E+03	1.404E+02	2.109E+01	5.964E+00	3.156E+01	2.349E+01	1.325E+00
2.020E+04	9.058E-04	3.391E+03	1.407E+02	2.117E+01	5.974E+00	3.205E+01	2.394E+01	1.320E+00
2.040E+04	8.953E-04	3.414E+03	1.410E+02	2.125E+01	5.985E+00	3.275E+01	2.458E+01	1.314E+00
2.060E+04	8.851E-04	3.439E+03	1.413E+02	2.131E+01	5.995E+00	3.368E+01	2.541E+01	1.307E+00
2.080E+04	8.750E-04	3.464E+03	1.417E+02	2.137E+01	6.006E+00	3.482E+01	2.641E+01	1.300E+00
2.100E+04	8.650E-04	3.490E+03	1.420E+02	2.143E+01	6.017E+00	3.618E+01	2.760E+01	1.292E+00
2.120E+04	8.552E-04	3.517E+03	1.423E+02	2.148E+01	6.029E+00	3.777E+01	2.897E+01	1.284E+00
2.140E+04	8.454E-04	3.545E+03	1.427E+02	2.154E+01	6.042E+00	3.957E+01	3.052E+01	1.276E+00
2.160E+04	8.357E-04	3.575E+03	1.431E+02	2.159E+01	6.056E+00	4.158E+01	3.225E+01	1.267E+00
2.180E+04	8.260E-04	3.606E+03	1.435E+02	2.165E+01	6.070E+00	4.379E+01	3.413E+01	1.260E+00
2.200E+04	8.164E-04	3.639E+03	1.439E+02	2.172E+01	6.086E+00	4.620E+01	3.617E+01	1.252E+00
2.220E+04	8.068E-04	3.674E+03	1.443E+02	2.179E+01	6.103E+00	4.879E+01	3.836E+01	1.245E+00
2.240E+04	7.972E-04	3.710E+03	1.448E+02	2.186E+01	6.121E+00	5.155E+01	4.067E+01	1.239E+00
2.260E+04	7.875E-04	3.749E+03	1.452E+02	2.194E+01	6.141E+00	5.445E+01	4.309E+01	1.233E+00
2.280E+04	7.780E-04	3.790E+03	1.457E+02	2.202E+01	6.162E+00	5.747E+01	4.559E+01	1.227E+00
2.300E+04	7.684E-04	3.833E+03	1.462E+02	2.212E+01	6.185E+00	6.059E+01	4.817E+01	1.222E+00
2.320E+04	7.588E-04	3.879E+03	1.468E+02	2.222E+01	6.209E+00	6.378E+01	5.079E+01	1.218E+00
2.340E+04	7.492E-04	3.927E+03	1.473E+02	2.232E+01	6.235E+00	6.707E+01	5.344E+01	1.214E+00
2.360E+04	7.396E-04	3.977E+03	1.479E+02	2.243E+01	6.267E+00	7.028E+01	5.609E+01	1.210E+00
2.380E+04	7.300E-04	4.030E+03	1.485E+02	2.255E+01	6.292E+00	7.342E+01	5.874E+01	1.207E+00
2.400E+04	7.204E-04	4.085E+03	1.492E+02	2.267E+01	6.322E+00	7.677E+01	6.135E+01	1.204E+00
2.420E+04	7.109E-04	4.142E+03	1.498E+02	2.280E+01	6.354E+00	7.998E+01	6.393E+01	1.202E+00
2.440E+04	7.014E-04	4.202E+03	1.505E+02	2.293E+01	6.387E+00	8.314E+01	6.646E+01	1.199E+00
2.460E+04	6.919E-04	4.264E+03	1.512E+02	2.306E+01	6.427E+00	8.624E+01	6.893E+01	1.197E+00
2.480E+04	6.825E-04	4.328E+03	1.519E+02	2.320E+01	6.453E+00	8.930E+01	7.139E+01	1.195E+00
2.500E+04	6.731E-04	4.395E+03	1.526E+02	2.335E+01	6.475E+00	9.231E+01	7.380E+01	1.193E+00

Table I. - Continued.

P/PO = 5.00E-01

T	RHO/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E+00	-1.718E+02	2.221E+01	6.21E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E-01	-1.705E+02	2.473E+01	8.702E-01	1.000E+00	3.391E+00	2.891E+00	1.346E+00
3.000E+02	4.555E-01	-1.690E+02	2.642E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E-01	-1.672E+02	2.778E+01	1.187E+00	1.000E+00	4.958E+00	3.968E+00	1.252E+00
5.000E+02	2.733E-01	-1.653E+02	2.893E+01	1.315E+00	1.000E+00	5.364E+00	4.264E+00	1.229E+00
6.000E+02	2.277E-01	-1.633E+02	2.994E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E-01	-1.612E+02	3.084E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E-01	-1.592E+02	3.165E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E-01	-1.567E+02	3.238E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.368E-01	-1.543E+02	3.306E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	1.242E-01	-1.519E+02	3.369E+01	1.909E+00	1.000E+00	6.638E+00	5.638E+00	1.177E+00
1.200E+03	1.139E-01	-1.494E+02	3.427E+01	1.991E+00	1.000E+00	6.748E+00	5.748E+00	1.174E+00
1.300E+03	1.051E-01	-1.470E+02	3.481E+01	2.069E+00	1.000E+00	6.852E+00	5.852E+00	1.171E+00
1.400E+03	9.759E-02	-1.444E+02	3.533E+01	2.145E+00	1.000E+00	6.968E+00	5.968E+00	1.168E+00
1.500E+03	9.107E-02	-1.418E+02	3.581E+01	2.217E+00	1.000E+00	7.125E+00	6.118E+00	1.164E+00
1.600E+03	8.535E-02	-1.392E+02	3.628E+01	2.285E+00	1.001E+00	7.370E+00	6.353E+00	1.160E+00
1.700E+03	8.027E-02	-1.364E+02	3.674E+01	2.350E+00	1.001E+00	7.766E+00	6.730E+00	1.153E+00
1.800E+03	7.570E-02	-1.335E+02	3.720E+01	2.411E+00	1.003E+00	8.393E+00	7.321E+00	1.145E+00
1.900E+03	7.153E-02	-1.302E+02	3.768E+01	2.470E+00	1.005E+00	9.345E+00	8.213E+00	1.136E+00
2.000E+03	6.767E-02	-1.266E+02	3.819E+01	2.529E+00	1.010E+00	1.072E+01	9.491E+00	1.126E+00
2.100E+03	6.403E-02	-1.223E+02	3.875E+01	2.589E+00	1.016E+00	1.261E+01	1.123E+01	1.117E+00
2.200E+03	6.053E-02	-1.173E+02	3.940E+01	2.654E+00	1.026E+00	1.509E+01	1.349E+01	1.109E+00
2.300E+03	5.711E-02	-1.112E+02	4.013E+01	2.725E+00	1.040E+00	1.819E+01	1.627E+01	1.104E+00
2.400E+03	5.374E-02	-1.039E+02	4.098E+01	2.805E+00	1.059E+00	2.188E+01	1.953E+01	1.100E+00
2.500E+03	5.039E-02	-9.513E+01	4.196E+01	2.894E+00	1.085E+00	2.606E+01	2.315E+01	1.098E+00
2.600E+03	4.705E-02	-8.477E+01	4.307E+01	2.995E+00	1.117E+00	3.053E+01	2.693E+01	1.098E+00
2.700E+03	4.379E-02	-7.277E+01	4.430E+01	3.106E+00	1.156E+00	3.503E+01	3.062E+01	1.099E+00
2.800E+03	4.052E-02	-5.915E+01	4.566E+01	3.228E+00	1.201E+00	3.925E+01	3.358E+01	1.101E+00
2.900E+03	3.758E-02	-4.413E+01	4.710E+01	3.360E+00	1.254E+00	4.291E+01	3.678E+01	1.104E+00
3.000E+03	3.473E-02	-2.783E+01	4.861E+01	3.501E+00	1.311E+00	4.583E+01	3.892E+01	1.104E+00
3.100E+03	3.210E-02	-1.062E+01	5.015E+01	3.649E+00	1.373E+00	4.800E+01	4.038E+01	1.112E+00
3.200E+03	2.969E-02	7.234E+00	5.169E+01	3.802E+00	1.438E+00	4.940E+01	4.121E+01	1.116E+00
3.300E+03	2.751E-02	2.546E+01	5.323E+01	3.959E+00	1.505E+00	5.004E+01	4.142E+01	1.122E+00
3.400E+03	2.555E-02	4.377E+01	5.472E+01	4.118E+00	1.573E+00	4.979E+01	4.096E+01	1.127E+00
3.500E+03	2.381E-02	6.179E+01	5.615E+01	4.277E+00	1.640E+00	4.843E+01	3.967E+01	1.127E+00
3.600E+03	2.228E-02	7.909E+01	5.748E+01	4.435E+00	1.704E+00	4.581E+01	3.739E+01	1.127E+00
3.700E+03	2.095E-02	9.518E+01	5.868E+01	4.589E+00	1.763E+00	4.187E+01	3.413E+01	1.148E+00
3.800E+03	1.982E-02	1.096E+02	5.974E+01	4.737E+00	1.814E+00	3.695E+01	3.010E+01	1.157E+00
3.900E+03	1.886E-02	1.222E+02	6.063E+01	4.880E+00	1.858E+00	3.161E+01	2.572E+01	1.168E+00
4.000E+03	1.804E-02	1.328E+02	6.136E+01	5.018E+00	1.893E+00	2.644E+01	2.146E+01	1.182E+00
4.100E+03	1.735E-02	1.416E+02	6.196E+01	5.153E+00	1.920E+00	2.169E+01	1.767E+01	1.199E+00
4.200E+03	1.676E-02	1.489E+02	6.244E+01	5.284E+00	1.941E+00	1.817E+01	1.454E+01	1.218E+00
4.300E+03	1.624E-02	1.550E+02	6.283E+01	5.413E+00	1.957E+00	1.577E+01	1.209E+01	1.238E+00
4.400E+03	1.578E-02	1.602E+02	6.315E+01	5.539E+00	1.967E+00	1.311E+01	1.025E+01	1.260E+00
4.500E+03	1.537E-02	1.647E+02	6.343E+01	5.659E+00	1.976E+00	1.152E+01	8.894E+00	1.281E+00
4.600E+03	1.499E-02	1.687E+02	6.367E+01	5.773E+00	1.982E+00	1.038E+01	7.918E+00	1.300E+00
4.700E+03	1.464E-02	1.723E+02	6.388E+01	5.877E+00	1.986E+00	9.576E+00	7.230E+00	1.315E+00
4.800E+03	1.431E-02	1.757E+02	6.408E+01	5.972E+00	1.989E+00	9.022E+00	6.760E+00	1.328E+00
4.900E+03	1.400E-02	1.790E+02	6.426E+01	6.057E+00	1.992E+00	8.657E+00	6.460E+00	1.336E+00
5.000E+03	1.370E-02	1.821E+02	6.443E+01	6.130E+00	1.994E+00	8.475E+00	6.305E+00	1.340E+00
5.100E+03	1.342E-02	1.852E+02	6.460E+01	6.190E+00	1.996E+00	8.437E+00	6.286E+00	1.338E+00
5.200E+03	1.316E-02	1.883E+02	6.477E+01	6.238E+00	1.997E+00	8.562E+00	6.412E+00	1.332E+00
5.300E+03	1.290E-02	1.915E+02	6.493E+01	6.271E+00	1.999E+00	8.878E+00	6.710E+00	1.320E+00
5.400E+03	1.265E-02	1.948E+02	6.510E+01	6.290E+00	2.000E+00	9.436E+00	7.227E+00	1.302E+00
5.500E+03	1.240E-02	1.984E+02	6.528E+01	6.297E+00	2.003E+00	1.031E+01	8.031E+00	1.280E+00
5.600E+03	1.217E-02	2.024E+02	6.548E+01	6.296E+00	2.006E+00	1.161E+01	9.210E+00	1.255E+00
5.700E+03	1.193E-02	2.070E+02	6.570E+01	6.293E+00	2.010E+00	1.345E+01	1.088E+01	1.229E+00
5.800E+03	1.169E-02	2.124E+02	6.596E+01	6.294E+00	2.015E+00	1.600E+01	1.317E+01	1.205E+00
5.900E+03	1.145E-02	2.188E+02	6.626E+01	6.304E+00	2.023E+00	1.942E+01	1.621E+01	1.183E+00
6.000E+03	1.120E-02	2.267E+02	6.662E+01	6.326E+00	2.034E+00	2.387E+01	2.014E+01	1.166E+00
6.100E+03	1.094E-02	2.365E+02	6.706E+01	6.364E+00	2.048E+00	2.949E+01	2.503E+01	1.152E+00
6.200E+03	1.066E-02	2.485E+02	6.759E+01	6.417E+00	2.067E+00	3.632E+01	3.088E+01	1.142E+00
6.300E+03	1.037E-02	2.632E+02	6.824E+01	6.486E+00	2.092E+00	4.430E+01	3.757E+01	1.135E+00
6.400E+03	1.006E-02	2.810E+02	6.900E+01	6.570E+00	2.122E+00	5.317E+01	4.487E+01	1.130E+00
6.500E+03	9.733E-03	3.022E+02	6.990E+01	6.670E+00	2.160E+00	6.254E+01	5.240E+01	1.127E+00
6.600E+03	9.393E-03	3.268E+02	7.093E+01	6.784E+00	2.204E+00	7.183E+01	5.968E+01	1.125E+00
6.700E+03	9.044E-03	3.547E+02	7.207E+01	6.912E+00	2.255E+00	8.038E+01	6.622E+01	1.124E+00
6.800E+03	8.692E-03	3.855E+02	7.332E+01	7.051E+00	2.312E+00	8.749E+01	7.193E+01	1.124E+00
6.900E+03	8.345E-03	4.185E+02	7.463E+01	7.199E+00	2.373E+00	9.238E+01	7.524E+01	1.125E+00
7.000E+03	8.010E-03	4.530E+02	7.599E+01	7.354E+00	2.445E+00	9.523E+01	7.707E+01	1.127E+00
7.100E+03	7.597E-03	4.879E+02	7.734E+01	7.512E+00	2.502E+00	9.528E+01	7.696E+01	1.129E+00
7.200E+03	7.398E-03	5.224E+02	7.866E+01	7.670E+00	2.565E+00	9.287E+01	7.500E+01	1.132E+00
7.300E+03	7.125E-03	5.557E+02	7.991E+01	7.827E+00	2.626E+00	8.837E+01	7.146E+01	1.136E+00
7.400E+03	6.881E-03	5.877E+02	8.108E+01	7.980E+00	2.684E+00	8.235E+01	6.674E+01	1.140E+00
7.500E+03	6.660E-03	6.159E+02	8.214E+01	8.129E+00	2.736E+00	7.541E+01	6.128E+01	1.145E+00
7.600E+03	6.461E-03	6.421E+02	8.309E+01	8.273E+00	2.782E+00	6.815E+01	5.550E+01	1.151E+00
7.700E+03	6.284E-03	6.654E+02	8.393E+01	8.412E+00	2.844E+00	6.105E+01	4.979E+01	1.157E+00
7.800E+03	6.125E-03	6.869E+02	8.467E+01	8.547E+00	2.860E+00	5.444E+01	4.43E+01	1.164E+00
7.900E+03	5.982E-03	7.057E+02	8.533E+01	8.678E+00	2.891E+00	4.654E+01	3.959E+01	1.172E+00
8.000E+03	5.852E-03	7.225E+02	8.591E+01	8.806E+00	2.919E+00	4.344E+01	3.537E+01	1.181E+00
8.200E+03	5.623E-03	7.513E+02	8.688E+01	9.049E+00	2.963E+00	3.566E+01	2.885E+01	1.198E+00



Table I. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	5.426E-03	7.754E+02	8.767E+01	9.273E+00	2.998E+00	3.070E+01	2.465E+01	1.214E+00
3.630E+03	5.249E-03	7.408E+02	8.836E+01	9.474E+00	3.027E+00	2.792E+01	2.227E+01	1.226E+00
8.800E+02	5.087E-03	8.157E+02	8.898E+01	9.650E+00	3.053E+00	2.673E+01	2.123E+01	1.232E+00
9.000E+03	4.934E-03	8.362E+02	8.958E+01	9.804E+00	3.077E+00	2.668E+01	2.111E+01	1.234E+00
9.200E+03	4.789E-03	8.560E+02	9.018E+01	9.945E+00	3.101E+00	2.745E+01	2.179E+01	1.232E+00
9.400E+03	4.649E-03	8.765E+02	9.078E+01	1.008E+01	3.126E+00	2.883E+01	2.291E+01	1.229E+00
9.600E+03	4.513E-03	8.983E+02	9.141E+01	1.021E+01	3.153E+00	3.067E+01	2.441E+01	1.224E+00
9.800E+03	4.381E-03	9.215E+02	9.206E+01	1.034E+01	3.183E+00	3.286E+01	2.618E+01	1.219E+00
1.000E+04	4.250E-03	9.465E+02	9.275E+01	1.048E+01	3.215E+00	3.534E+01	2.817E+01	1.214E+00
1.020E+04	4.122E-03	9.733E+02	9.347E+01	1.062E+01	3.249E+00	3.803E+01	3.031E+01	1.210E+00
1.040E+04	3.997E-03	1.002E+03	9.424E+01	1.077E+01	3.287E+00	4.092E+01	3.258E+01	1.207E+00
1.060E+04	3.873E-03	1.033E+03	9.505E+01	1.093E+01	3.328E+00	4.394E+01	3.494E+01	1.203E+00
1.080E+04	3.751E-03	1.067E+03	9.590E+01	1.109E+01	3.373E+00	4.709E+01	3.738E+01	1.201E+00
1.100E+04	3.631E-03	1.102E+03	9.679E+01	1.126E+01	3.421E+00	5.032E+01	3.986E+01	1.198E+00
1.120E+04	3.514E-03	1.140E+03	9.773E+01	1.144E+01	3.472E+00	5.364E+01	4.238E+01	1.196E+00
1.140E+04	3.399E-03	1.181E+03	9.871E+01	1.162E+01	3.526E+00	5.702E+01	4.494E+01	1.194E+00
1.160E+04	3.286E-03	1.224E+03	9.973E+01	1.181E+01	3.584E+00	6.047E+01	4.753E+01	1.193E+00
1.180E+04	3.177E-03	1.269E+03	1.008E+02	1.201E+01	3.645E+00	6.399E+01	5.015E+01	1.191E+00
1.200E+04	3.069E-03	1.318E+03	1.019E+02	1.221E+01	3.710E+00	6.757E+01	5.281E+01	1.190E+00
1.220E+04	2.965E-03	1.368E+03	1.030E+02	1.241E+01	3.777E+00	7.121E+01	5.550E+01	1.189E+00
1.240E+04	2.863E-03	1.422E+03	1.042E+02	1.263E+01	3.848E+00	7.491E+01	5.823E+01	1.188E+00
1.260E+04	2.765E-03	1.478E+03	1.055E+02	1.285E+01	3.922E+00	7.865E+01	6.096E+01	1.187E+00
1.280E+04	2.669E-03	1.537E+03	1.067E+02	1.307E+01	3.999E+00	8.239E+01	6.367E+01	1.187E+00
1.300E+04	2.576E-03	1.599E+03	1.080E+02	1.330E+01	4.080E+00	8.607E+01	6.632E+01	1.186E+00
1.320E+04	2.487E-03	1.663E+03	1.094E+02	1.354E+01	4.163E+00	8.961E+01	6.886E+01	1.186E+00
1.340E+04	2.400E-03	1.730E+03	1.108E+02	1.378E+01	4.248E+00	9.293E+01	7.121E+01	1.186E+00
1.360E+04	2.317E-03	1.799E+03	1.121E+02	1.403E+01	4.337E+00	9.591E+01	7.330E+01	1.186E+00
1.380E+04	2.237E-03	1.870E+03	1.134E+02	1.428E+01	4.427E+00	9.845E+01	7.506E+01	1.187E+00
1.400E+04	2.160E-03	1.943E+03	1.150E+02	1.454E+01	4.518E+00	1.004E+02	7.642E+01	1.188E+00
1.420E+04	2.087E-03	2.017E+03	1.164E+02	1.480E+01	4.610E+00	1.018E+02	7.730E+01	1.189E+00
1.440E+04	2.018E-03	2.092E+03	1.179E+02	1.506E+01	4.703E+00	1.023E+02	7.765E+01	1.191E+00
1.460E+04	1.952E-03	2.167E+03	1.193E+02	1.533E+01	4.797E+00	1.021E+02	7.745E+01	1.193E+00
1.480E+04	1.890E-03	2.241E+03	1.207E+02	1.559E+01	4.884E+00	1.012E+02	7.637E+01	1.195E+00
1.500E+04	1.832E-03	2.315E+03	1.220E+02	1.585E+01	4.972E+00	9.937E+01	7.533E+01	1.198E+00
1.520E+04	1.777E-03	2.387E+03	1.233E+02	1.612E+01	5.07E+00	9.687E+01	7.347E+01	1.201E+00
1.540E+04	1.726E-03	2.457E+03	1.246E+02	1.637E+01	5.139E+00	9.371E+01	7.114E+01	1.204E+00
1.560E+04	1.679E-03	2.524E+03	1.257E+02	1.663E+01	5.216E+00	9.003E+01	6.840E+01	1.208E+00
1.580E+04	1.635E-03	2.588E+03	1.269E+02	1.688E+01	5.289E+00	8.593E+01	6.535E+01	1.213E+00
1.600E+04	1.594E-03	2.650E+03	1.279E+02	1.713E+01	5.358E+00	8.155E+01	6.208E+01	1.217E+00
1.620E+04	1.556E-03	2.708E+03	1.289E+02	1.738E+01	5.421E+00	7.702E+01	5.867E+01	1.222E+00
1.640E+04	1.521E-03	2.762E+03	1.298E+02	1.762E+01	5.479E+00	7.245E+01	5.521E+01	1.228E+00
1.660E+04	1.488E-03	2.814E+03	1.307E+02	1.786E+01	5.532E+00	6.794E+01	5.177E+01	1.234E+00
1.680E+04	1.457E-03	2.862E+03	1.315E+02	1.809E+01	5.581E+00	6.358E+01	4.843E+01	1.241E+00
1.700E+04	1.429E-03	2.907E+03	1.322E+02	1.832E+01	5.625E+00	5.944E+01	4.522E+01	1.248E+00
1.720E+04	1.402E-03	2.949E+03	1.329E+02	1.855E+01	5.664E+00	5.556E+01	4.221E+01	1.255E+00
1.740E+04	1.378E-03	2.988E+03	1.335E+02	1.877E+01	5.700E+00	5.197E+01	3.940E+01	1.263E+00
1.760E+04	1.354E-03	3.025E+03	1.340E+02	1.899E+01	5.732E+00	4.868E+01	3.682E+01	1.271E+00
1.780E+04	1.332E-03	3.060E+03	1.346E+02	1.921E+01	5.761E+00	4.572E+01	3.448E+01	1.279E+00
1.800E+04	1.312E-03	3.092E+03	1.351E+02	1.942E+01	5.787E+00	4.307E+01	3.238E+01	1.287E+00
1.820E+04	1.292E-03	3.123E+03	1.355E+02	1.963E+01	5.810E+00	4.072E+01	3.052E+01	1.295E+00
1.840E+04	1.273E-03	3.152E+03	1.360E+02	1.983E+01	5.831E+00	3.868E+01	2.890E+01	1.302E+00
1.860E+04	1.256E-03	3.180E+03	1.364E+02	2.002E+01	5.850E+00	3.692E+01	2.750E+01	1.309E+00
1.880E+04	1.239E-03	3.206E+03	1.368E+02	2.020E+01	5.867E+00	3.543E+01	2.632E+01	1.316E+00
1.900E+04	1.222E-03	3.232E+03	1.371E+02	2.038E+01	5.883E+00	3.420E+01	2.535E+01	1.321E+00
1.920E+04	1.207E-03	3.256E+03	1.375E+02	2.054E+01	5.897E+00	3.322E+01	2.458E+01	1.325E+00
1.940E+04	1.192E-03	3.280E+03	1.378E+02	2.070E+01	5.910E+00	3.248E+01	2.401E+01	1.328E+00
1.960E+04	1.177E-03	3.304E+03	1.382E+02	2.084E+01	5.922E+00	3.196E+01	2.363E+01	1.330E+00
1.980E+04	1.163E-03	3.327E+03	1.385E+02	2.097E+01	5.934E+00	3.167E+01	2.343E+01	1.330E+00
2.000E+04	1.149E-03	3.350E+03	1.388E+02	2.108E+01	5.945E+00	3.159E+01	2.341E+01	1.329E+00
2.020E+04	1.136E-03	3.373E+03	1.391E+02	2.118E+01	5.955E+00	3.173E+01	2.357E+01	1.326E+00
2.040E+04	1.123E-03	3.397E+03	1.394E+02	2.128E+01	5.966E+00	3.208E+01	2.391E+01	1.322E+00
2.060E+04	1.110E-03	3.420E+03	1.397E+02	2.136E+01	5.976E+00	3.264E+01	2.443E+01	1.317E+00
2.080E+04	1.097E-03	3.445E+03	1.401E+02	2.143E+01	5.987E+00	3.341E+01	2.512E+01	1.311E+00
2.100E+04	1.085E-03	3.469E+03	1.404E+02	2.150E+01	5.998E+00	3.439E+01	2.599E+01	1.304E+00
2.120E+04	1.073E-03	3.495E+03	1.407E+02	2.156E+01	6.009E+00	3.558E+01	2.703E+01	1.297E+00
2.140E+04	1.061E-03	3.522E+03	1.411E+02	2.161E+01	6.021E+00	3.698E+01	2.825E+01	1.289E+00
2.160E+04	1.049E-03	3.549E+03	1.414E+02	2.167E+01	6.033E+00	3.859E+01	2.964E+01	1.281E+00
2.180E+04	1.037E-03	3.578E+03	1.418E+02	2.173E+01	6.046E+00	4.040E+01	3.119E+01	1.273E+00
2.200E+04	1.025E-03	3.608E+03	1.422E+02	2.179E+01	6.060E+00	4.241E+01	3.291E+01	1.266E+00
2.220E+04	1.013E-03	3.640E+03	1.425E+02	2.185E+01	6.075E+00	4.461E+01	3.478E+01	1.258E+00
2.240E+04	1.001E-03	3.674E+03	1.430E+02	2.191E+01	6.091E+00	4.700E+01	3.679E+01	1.251E+00
2.260E+04	9.897E-04	3.709E+03	1.434E+02	2.198E+01	6.109E+00	4.954E+01	3.893E+01	1.245E+00
2.280E+04	9.780E-04	3.746E+03	1.438E+02	2.206E+01	6.127E+00	5.224E+01	4.118E+01	1.238E+00
2.300E+04	9.664E-04	3.786E+03	1.443E+02	2.214E+01	6.147E+00	5.507E+01	4.354E+01	1.233E+00
2.320E+04	9.547E-04	3.827E+03	1.448E+02	2.223E+01	6.169E+00	5.801E+01	4.597E+01	1.228E+00
2.340E+04	9.431E-04	3.871E+03	1.453E+02	2.233E+01	6.192E+00	6.104E+01	4.847E+01	1.223E+00
2.360E+04	9.314E-04	3.917E+03	1.458E+02	2.243E+01	6.216E+00	6.414E+01	5.100E+01	1.219E+00
2.380E+04	9.197E-04	3.965E+03	1.464E+02	2.253E+01	6.242E+00	6.728E+01	5.354E+01	1.215E+00
2.400E+04	9.081E-04	4.015E+03	1.470E+02	2.264E+01	6.269E+00	7.044E+01	5.613E+01	1.211E+00
2.420E+04	8.965E-04	4.068E+03	1.476E+02	2.276E+01	6.298E+00	7.360E+01	5.868E+01	1.208E+00
2.440E+04	8.849E-04	4.123E+03	1.482E+02	2.288E+01	6.328E+00	7.675E+01	6.122E+01	1.205E+00
2.460E+04	8.733E-04	4.180E+03	1.488E+02	2.301E+01	6.360E+00	7.986E+01	6.372E+01	1.203E+00
2.480E+04	8.618E-04	4.240E+03	1.495E+02	2.314E+01	6.393E+00	8.295E+01	6.619E+01	1.201E+00
2.500E+04	8.503E-04	4.302E+03	1.502E+02	2.327E+01	6.428E+00	8.599E+01	6.851E+01	1.198E+00



Table I. - Continued.

P/PO = 6.00E-01

T	RHU/R4C-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E+00	-1.718E+02	2.203E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E-01	-1.705E+02	2.455E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E-01	-1.590E+02	2.624E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.284E+00
4.000E+02	4.099E-01	-1.672E+02	2.760E+01	1.187E+00	1.000E+00	4.964E+00	3.964E+00	1.252E+00
5.000E+02	3.279E-01	-1.653E+02	2.875E+01	1.315E+00	1.000E+00	5.354E+00	4.354E+00	1.229E+00
6.000E+02	2.733E-01	-1.633E+02	2.976E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E-01	-1.612E+02	3.065E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E-01	-1.590E+02	3.14E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E-01	-1.567E+02	3.220E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E-01	-1.543E+02	3.288E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	1.491E-01	-1.519E+02	3.351E+01	1.909E+00	1.000E+00	6.638E+00	5.638E+00	1.177E+00
1.200E+03	1.360E-01	-1.494E+02	3.409E+01	1.991E+00	1.000E+00	6.748E+00	5.748E+00	1.174E+00
1.300E+03	1.261E-01	-1.470E+02	3.463E+01	2.069E+00	1.000E+00	6.851E+00	5.850E+00	1.171E+00
1.400E+03	1.171E-01	-1.444E+02	3.514E+01	2.145E+00	1.000E+00	6.965E+00	5.962E+00	1.168E+00
1.500E+03	1.093E-01	-1.418E+02	3.563E+01	2.217E+00	1.000E+00	7.116E+00	6.110E+00	1.165E+00
1.600E+03	1.024E-01	-1.392E+02	3.610E+01	2.286E+00	1.000E+00	7.350E+00	6.354E+00	1.160E+00
1.700E+03	9.533E-02	-1.365E+02	3.655E+01	2.351E+00	1.001E+00	7.725E+00	6.791E+00	1.154E+00
1.800E+03	9.085E-02	-1.335E+02	3.701E+01	2.412E+00	1.003E+00	8.318E+00	7.250E+00	1.146E+00
1.900E+03	8.587E-02	-1.303E+02	3.748E+01	2.471E+00	1.005E+00	9.216E+00	8.092E+00	1.137E+00
2.000E+03	8.125E-02	-1.267E+02	3.798E+01	2.530E+00	1.009E+00	1.051E+01	9.298E+00	1.127E+00
2.100E+03	7.691E-02	-1.226E+02	3.854E+01	2.590E+00	1.015E+00	1.230E+01	1.094E+01	1.118E+00
2.200E+03	7.274E-02	-1.177E+02	3.916E+01	2.654E+00	1.025E+00	1.464E+01	1.308E+01	1.111E+00
2.300E+03	6.869E-02	-1.118E+02	3.988E+01	2.724E+00	1.038E+00	1.757E+01	1.571E+01	1.105E+00
2.400E+03	6.469E-02	-1.047E+02	4.070E+01	2.802E+00	1.056E+00	2.107E+01	1.881E+01	1.101E+00
2.500E+03	6.073E-02	-9.622E+01	4.164E+01	2.889E+00	1.080E+00	2.506E+01	2.227E+01	1.099E+00
2.600E+03	5.680E-02	-8.633E+01	4.270E+01	2.987E+00	1.110E+00	2.935E+01	2.591E+01	1.099E+00
2.700E+03	5.293E-02	-7.578E+01	4.379E+01	3.095E+00	1.147E+00	3.371E+01	2.951E+01	1.099E+00
2.800E+03	4.917E-02	-6.167E+01	4.519E+01	3.214E+00	1.191E+00	3.785E+01	3.282E+01	1.101E+00
2.900E+03	4.556E-02	-4.713E+01	4.696E+01	3.343E+00	1.241E+00	4.151E+01	3.564E+01	1.104E+00
3.000E+03	4.216E-02	-3.136E+01	4.9E+01	3.481E+00	1.296E+00	4.449E+01	3.783E+01	1.107E+00
3.100E+03	3.900E-02	-1.464E+01	5.0E+01	3.626E+00	1.356E+00	4.673E+01	3.937E+01	1.112E+00
3.200E+03	3.611E-02	2.772E+00	5.1E+01	3.776E+00	1.419E+00	4.825E+01	4.050E+01	1.116E+00
3.300E+03	3.347E-02	2.061E+01	5.255E+01	3.930E+00	1.484E+00	4.905E+01	4.056E+01	1.121E+00
3.400E+03	3.110E-02	3.860E+01	5.402E+01	4.087E+00	1.551E+00	4.909E+01	4.042E+01	1.126E+00
3.500E+03	2.899E-02	5.643E+01	5.543E+01	4.245E+00	1.617E+00	4.917E+01	3.945E+01	1.132E+00
3.600E+03	2.710E-02	7.773E+01	5.676E+01	4.4E+00	1.680E+00	4.609E+01	3.761E+01	1.139E+00
3.700E+03	2.547E-02	9.003E+01	5.798E+01	4.566E+00	1.740E+00	4.270E+01	3.482E+01	1.146E+00
3.800E+03	2.405E-02	1.049E+02	5.907E+01	4.705E+00	1.794E+00	3.837E+01	3.122E+01	1.155E+00
3.900E+03	2.295E-02	1.181E+02	6.000E+01	4.849E+00	1.840E+00	3.335E+01	2.712E+01	1.165E+00
4.000E+03	2.183E-02	1.293E+02	6.073E+01	4.988E+00	1.878E+00	2.827E+01	2.294E+01	1.178E+00
4.100E+03	2.096E-02	1.383E+02	6.142E+01	5.123E+00	1.908E+00	2.361E+01	1.908E+01	1.193E+00
4.200E+03	2.022E-02	1.467E+02	6.194E+01	5.254E+00	1.931E+00	1.965E+01	1.577E+01	1.210E+00
4.300E+03	1.957E-02	1.533E+02	6.236E+01	5.383E+00	1.949E+00	1.649E+01	1.311E+01	1.230E+00
4.400E+03	1.900E-02	1.589E+02	6.271E+01	5.509E+00	1.962E+00	1.406E+01	1.106E+01	1.250E+00
4.500E+03	1.844E-02	1.637E+02	6.301E+01	5.631E+00	1.971E+00	1.226E+01	9.517E+00	1.271E+00
4.600E+03	1.802E-02	1.679E+02	6.326E+01	5.747E+00	1.978E+00	1.094E+01	8.392E+00	1.290E+00
4.700E+03	1.759E-02	1.717E+02	6.349E+01	5.855E+00	1.984E+00	9.994E+00	7.584E+00	1.307E+00
4.800E+03	1.719E-02	1.753E+02	6.369E+01	5.954E+00	1.987E+00	9.329E+00	7.018E+00	1.321E+00
4.900E+03	1.691E-02	1.786E+02	6.388E+01	6.043E+00	1.990E+00	8.882E+00	6.641E+00	1.331E+00
5.000E+03	1.654E-02	1.818E+02	6.405E+01	6.121E+00	1.993E+00	8.612E+00	6.417E+00	1.337E+00
5.100E+03	1.612E-02	1.849E+02	6.422E+01	6.187E+00	1.995E+00	8.499E+00	6.322E+00	1.338E+00
5.200E+03	1.580E-02	1.880E+02	6.439E+01	6.241E+00	1.996E+00	8.543E+00	6.386E+00	1.334E+00
5.300E+03	1.549E-02	1.912E+02	6.455E+01	6.281E+00	1.998E+00	8.763E+00	6.598E+00	1.325E+00
5.400E+03	1.519E-02	1.945E+02	6.472E+01	6.307E+00	1.999E+00	9.196E+00	7.002E+00	1.310E+00
5.500E+03	1.489E-02	1.980E+02	6.490E+01	6.320E+00	2.001E+00	9.905E+00	7.654E+00	1.290E+00
5.600E+03	1.461E-02	2.018E+02	6.508E+01	6.323E+00	2.004E+00	1.097E+01	8.629E+00	1.266E+00
5.700E+03	1.433E-02	2.051E+02	6.529E+01	6.321E+00	2.008E+00	1.251E+01	1.002E+01	1.241E+00
5.800E+03	1.405E-02	2.110E+02	6.553E+01	6.320E+00	2.012E+00	1.465E+01	1.195E+01	1.217E+00
5.900E+03	1.376E-02	2.169E+02	6.580E+01	6.326E+00	2.019E+00	1.755E+01	1.454E+01	1.194E+00
6.000E+03	1.347E-02	2.240E+02	6.612E+01	6.343E+00	2.028E+00	2.136E+01	1.792E+01	1.175E+00
6.100E+03	1.317E-02	2.327E+02	6.652E+01	6.373E+00	2.040E+00	2.623E+01	2.218E+01	1.160E+00
6.200E+03	1.286E-02	2.433E+02	6.699E+01	6.418E+00	2.057E+00	3.225E+01	2.737E+01	1.148E+00
6.300E+03	1.253E-02	2.564E+02	6.756E+01	6.478E+00	2.078E+00	3.940E+01	3.343E+01	1.140E+00
6.400E+03	1.217E-02	2.723E+02	6.825E+01	6.553E+00	2.105E+00	4.754E+01	4.020E+01	1.133E+00
6.500E+03	1.180E-02	2.913E+02	6.905E+01	6.644E+00	2.138E+00	5.638E+01	4.739E+01	1.129E+00
6.600E+03	1.141E-02	3.136E+02	6.996E+01	6.749E+00	2.177E+00	6.547E+01	5.460E+01	1.127E+00
6.700E+03	1.101E-02	3.392E+02	7.103E+01	6.868E+00	2.224E+00	7.422E+01	6.139E+01	1.126E+00
6.800E+03	1.059E-02	3.678E+02	7.219E+01	6.999E+00	2.276E+00	8.199E+01	6.727E+01	1.125E+00
6.900E+03	1.018E-02	3.990E+02	7.343E+01	7.141E+00	2.335E+00	8.818E+01	7.184E+01	1.126E+00
7.000E+03	9.782E-03	4.321E+02	7.474E+01	7.290E+00	2.395E+00	9.227E+01	7.478E+01	1.127E+00
7.100E+03	9.396E-03	4.663E+02	7.606E+01	7.445E+00	2.458E+00	9.398E+01	7.590E+01	1.129E+00
7.200E+03	9.032E-03	5.007E+02	7.737E+01	7.601E+00	2.521E+00	9.323E+01	7.520E+01	1.131E+00
7.300E+03	8.697E-03	5.343E+02	7.864E+01	7.758E+00	2.583E+00	9.025E+01	7.281E+01	1.135E+00
7.400E+03	8.383E-03	5.665E+02	7.984E+01	7.913E+00	2.642E+00	8.544E+01	6.904E+01	1.138E+00
7.500E+03	8.106E-03	5.967E+02	8.094E+01	8.063E+00	2.697E+00	7.934E+01	6.426E+01	1.143E+00
7.600E+03	7.854E-03	6.245E+02	8.195E+01	8.210E+00	2.747E+00	7.254E+01	5.889E+01	1.148E+00
7.700E+03	7.628E-03	6.491E+02	8.285E+01	8.352E+00	2.792E+00	6.555E+01	5.333E+01	1.154E+00
7.800E+03	7.425E-03	6.721E+02	8.365E+01	8.489E+00	2.831E+00	5.879E+01	4.789E+01	1.160E+00
7.900E+03	7.242E-03	6.929E+02	8.436E+01	8.622E+00	2.866E+00	5.255E+01	4.262E+01	1.167E+00
8.000E+03	7.077E-03	7.111E+02	8.499E+01	8.752E+00	2.896E+00	4.701E+01	3.826E+01	1.175E+00
8.100E+03	6.929E-03	7.241E+02	8.603E+01	9.000E+00	2.945E+00	3.822E+01	3.096E+01	1.192E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	6.543E-03	7.678E+02	8.688E+01	9.231E+00	2.983E+00	3.231E+01	2.598E+01	1.209E+00
8.600E+03	6.326E-03	7.900E+02	8.759E+01	9.442E+00	3.014E+00	2.874E+01	2.294E+01	1.223E+00
8.800E+03	6.128E-03	8.103E+02	8.823E+01	9.628E+00	3.040E+00	2.692E+01	2.138E+01	1.232E+00
9.000E+03	5.944E-03	8.297E+02	8.883E+01	9.791E+00	3.065E+00	2.637E+01	2.089E+01	1.236E+00
9.200E+03	5.770E-03	8.491E+02	8.941E+01	9.938E+00	3.089E+00	2.674E+01	2.118E+01	1.236E+00
9.400E+03	5.603E-03	8.690E+02	8.999E+01	1.007E+01	3.113E+00	2.778E+01	2.202E+01	1.233E+00
9.600E+03	5.442E-03	8.899E+02	9.059E+01	1.020E+01	3.139E+00	2.932E+01	2.328E+01	1.229E+00
9.800E+03	5.284E-03	9.121E+02	9.122E+01	1.034E+01	3.166E+00	3.125E+01	2.484E+01	1.224E+00
1.000E+04	5.130E-03	9.358E+02	9.187E+01	1.047E+01	3.196E+00	3.349E+01	2.664E+01	1.219E+00
1.020E+04	4.977E-03	9.612E+02	9.256E+01	1.061E+01	3.228E+00	3.597E+01	2.862E+01	1.215E+00
1.040E+04	4.831E-03	9.885E+02	9.328E+01	1.075E+01	3.264E+00	3.865E+01	3.074E+01	1.211E+00
1.060E+04	4.684E-03	1.018E+03	9.405E+01	1.090E+01	3.302E+00	4.149E+01	3.297E+01	1.207E+00
1.080E+04	4.541E-03	1.049E+03	9.485E+01	1.106E+01	3.343E+00	4.446E+01	3.528E+01	1.204E+00
1.100E+04	4.395E-03	1.083E+03	9.569E+01	1.122E+01	3.388E+00	4.754E+01	3.765E+01	1.202E+00
1.120E+04	4.261E-03	1.119E+03	9.658E+01	1.139E+01	3.436E+00	5.070E+01	4.006E+01	1.199E+00
1.140E+04	4.124E-03	1.157E+03	9.750E+01	1.157E+01	3.487E+00	5.394E+01	4.252E+01	1.197E+00
1.160E+04	3.991E-03	1.198E+03	9.847E+01	1.175E+01	3.542E+00	5.725E+01	4.501E+01	1.196E+00
1.180E+04	3.861E-03	1.241E+03	9.948E+01	1.194E+01	3.599E+00	6.063E+01	4.753E+01	1.194E+00
1.200E+04	3.733E-03	1.287E+03	1.005E+02	1.214E+01	3.660E+00	6.406E+01	5.009E+01	1.193E+00
1.220E+04	3.609E-03	1.335E+03	1.016E+02	1.234E+01	3.724E+00	6.756E+01	5.268E+01	1.191E+00
1.240E+04	3.488E-03	1.386E+03	1.027E+02	1.255E+01	3.791E+00	7.112E+01	5.530E+01	1.190E+00
1.260E+04	3.370E-03	1.439E+03	1.039E+02	1.276E+01	3.861E+00	7.472E+01	5.793E+01	1.189E+00
1.280E+04	3.255E-03	1.495E+03	1.051E+02	1.298E+01	3.935E+00	7.834E+01	6.057E+01	1.189E+00
1.300E+04	3.144E-03	1.554E+03	1.064E+02	1.320E+01	4.011E+00	8.195E+01	6.317E+01	1.188E+00
1.320E+04	3.037E-03	1.615E+03	1.076E+02	1.343E+01	4.090E+00	8.547E+01	6.571E+01	1.188E+00
1.340E+04	2.933E-03	1.679E+03	1.089E+02	1.367E+01	4.172E+00	8.885E+01	6.811E+01	1.188E+00
1.360E+04	2.832E-03	1.745E+03	1.103E+02	1.391E+01	4.257E+00	9.200E+01	7.033E+01	1.188E+00
1.380E+04	2.736E-03	1.814E+03	1.116E+02	1.416E+01	4.343E+00	9.481E+01	7.230E+01	1.188E+00
1.400E+04	2.643E-03	1.884E+03	1.130E+02	1.441E+01	4.432E+00	9.718E+01	7.393E+01	1.189E+00
1.420E+04	2.554E-03	1.956E+03	1.144E+02	1.466E+01	4.521E+00	9.902E+01	7.519E+01	1.190E+00
1.440E+04	2.469E-03	2.029E+03	1.158E+02	1.492E+01	4.612E+00	1.002E+02	7.598E+01	1.191E+00
1.460E+04	2.388E-03	2.102E+03	1.172E+02	1.518E+01	4.702E+00	1.008E+02	7.629E+01	1.193E+00
1.480E+04	2.312E-03	2.176E+03	1.186E+02	1.544E+01	4.792E+00	1.005E+02	7.607E+01	1.195E+00
1.500E+04	2.240E-03	2.249E+03	1.199E+02	1.570E+01	4.880E+00	9.958E+01	7.532E+01	1.197E+00
1.520E+04	2.172E-03	2.322E+03	1.212E+02	1.596E+01	4.966E+00	9.788E+01	7.405E+01	1.200E+00
1.540E+04	2.108E-03	2.393E+03	1.225E+02	1.622E+01	5.050E+00	9.550E+01	7.229E+01	1.203E+00
1.560E+04	2.049E-03	2.461E+03	1.237E+02	1.648E+01	5.130E+00	9.252E+01	7.008E+01	1.206E+00
1.580E+04	1.993E-03	2.528E+03	1.249E+02	1.673E+01	5.206E+00	8.903E+01	6.750E+01	1.210E+00
1.600E+04	1.942E-03	2.592E+03	1.260E+02	1.698E+01	5.278E+00	8.515E+01	6.461E+01	1.214E+00
1.620E+04	1.894E-03	2.653E+03	1.270E+02	1.723E+01	5.345E+00	8.099E+01	6.151E+01	1.219E+00
1.640E+04	1.849E-03	2.710E+03	1.280E+02	1.747E+01	5.408E+00	7.667E+01	5.827E+01	1.224E+00
1.660E+04	1.807E-03	2.765E+03	1.289E+02	1.771E+01	5.465E+00	7.230E+01	5.497E+01	1.229E+00
1.680E+04	1.769E-03	2.816E+03	1.297E+02	1.795E+01	5.518E+00	6.798E+01	5.163E+01	1.235E+00
1.700E+04	1.733E-03	2.864E+03	1.305E+02	1.818E+01	5.567E+00	6.378E+01	4.847E+01	1.242E+00
1.720E+04	1.699E-03	2.910E+03	1.312E+02	1.841E+01	5.611E+00	5.976E+01	4.538E+01	1.248E+00
1.740E+04	1.667E-03	2.952E+03	1.319E+02	1.864E+01	5.651E+00	5.599E+01	4.246E+01	1.255E+00
1.760E+04	1.638E-03	2.992E+03	1.325E+02	1.886E+01	5.687E+00	5.248E+01	3.973E+01	1.263E+00
1.780E+04	1.610E-03	3.029E+03	1.331E+02	1.908E+01	5.720E+00	4.925E+01	3.720E+01	1.271E+00
1.800E+04	1.584E-03	3.064E+03	1.336E+02	1.929E+01	5.749E+00	4.632E+01	3.490E+01	1.278E+00
1.820E+04	1.560E-03	3.097E+03	1.341E+02	1.950E+01	5.776E+00	4.369E+01	3.283E+01	1.286E+00
1.840E+04	1.536E-03	3.128E+03	1.346E+02	1.971E+01	5.800E+00	4.136E+01	3.098E+01	1.294E+00
1.860E+04	1.514E-03	3.157E+03	1.350E+02	1.991E+01	5.821E+00	3.930E+01	2.936E+01	1.301E+00
1.880E+04	1.493E-03	3.186E+03	1.354E+02	2.010E+01	5.841E+00	3.753E+01	2.795E+01	1.308E+00
1.900E+04	1.473E-03	3.213E+03	1.358E+02	2.028E+01	5.858E+00	3.601E+01	2.675E+01	1.314E+00
1.920E+04	1.454E-03	3.238E+03	1.362E+02	2.046E+01	5.874E+00	3.475E+01	2.576E+01	1.319E+00
1.940E+04	1.435E-03	3.263E+03	1.365E+02	2.062E+01	5.889E+00	3.373E+01	2.496E+01	1.324E+00
1.960E+04	1.417E-03	3.288E+03	1.369E+02	2.078E+01	5.903E+00	3.294E+01	2.435E+01	1.327E+00
1.980E+04	1.400E-03	3.312E+03	1.372E+02	2.092E+01	5.915E+00	3.237E+01	2.393E+01	1.329E+00
2.000E+04	1.383E-03	3.335E+03	1.375E+02	2.105E+01	5.927E+00	3.202E+01	2.368E+01	1.329E+00
2.020E+04	1.367E-03	3.359E+03	1.378E+02	2.117E+01	5.938E+00	3.188E+01	2.361E+01	1.328E+00
2.040E+04	1.351E-03	3.382E+03	1.381E+02	2.128E+01	5.949E+00	3.195E+01	2.372E+01	1.326E+00
2.060E+04	1.337E-03	3.406E+03	1.385E+02	2.137E+01	5.960E+00	3.223E+01	2.400E+01	1.323E+00
2.080E+04	1.324E-03	3.429E+03	1.388E+02	2.146E+01	5.971E+00	3.270E+01	2.444E+01	1.318E+00
2.100E+04	1.305E-03	3.453E+03	1.391E+02	2.154E+01	5.981E+00	3.339E+01	2.506E+01	1.313E+00
2.120E+04	1.291E-03	3.478E+03	1.394E+02	2.160E+01	5.992E+00	3.427E+01	2.585E+01	1.306E+00
2.140E+04	1.276E-03	3.504E+03	1.397E+02	2.167E+01	6.004E+00	3.536E+01	2.681E+01	1.295E+00
2.160E+04	1.262E-03	3.520E+03	1.401E+02	2.173E+01	6.015E+00	3.665E+01	2.793E+01	1.292E+00
2.180E+04	1.248E-03	3.537E+03	1.404E+02	2.179E+01	6.027E+00	3.815E+01	2.922E+01	1.284E+00
2.200E+04	1.234E-03	3.586E+03	1.408E+02	2.185E+01	6.040E+00	3.994E+01	3.067E+01	1.277E+00
2.220E+04	1.220E-03	3.616E+03	1.411E+02	2.190E+01	6.054E+00	4.12E+01	3.227E+01	1.269E+00
2.240E+04	1.206E-03	3.647E+03	1.415E+02	2.197E+01	6.069E+00	4.378E+01	3.403E+01	1.262E+00
2.260E+04	1.192E-03	3.680E+03	1.419E+02	2.203E+01	6.084E+00	4.603E+01	3.593E+01	1.255E+00
2.280E+04	1.179E-03	3.715E+03	1.423E+02	2.210E+01	6.101E+00	4.844E+01	3.795E+01	1.248E+00
2.300E+04	1.165E-03	3.751E+03	1.428E+02	2.218E+01	6.119E+00	5.100E+01	4.009E+01	1.242E+00
2.320E+04	1.151E-03	3.789E+03	1.432E+02	2.226E+01	6.139E+00	5.369E+01	4.233E+01	1.236E+00
2.340E+04	1.138E-03	3.830E+03	1.437E+02	2.234E+01	6.159E+00	5.650E+01	4.466E+01	1.231E+00
2.360E+04	1.124E-03	3.872E+03	1.442E+02	2.243E+01	6.181E+00	5.940E+01	4.705E+01	1.226E+00
2.380E+04	1.110E-03	3.917E+03	1.447E+02	2.253E+01	6.205E+00	6.239E+01	4.950E+01	1.222E+00
2.400E+04	1.097E-03	3.963E+03	1.452E+02	2.263E+01	6.230E+00	6.542E+01	5.197E+01	1.218E+00
2.420E+04	1.083E-03	4.012E+03	1.458E+02	2.274E+01	6.256E+00	6.849E+01	5.447E+01	1.214E+00
2.440E+04	1.069E-03	4.064E+03	1.464E+02	2.286E+01	6.284E+00	7.157E+01	5.696E+01	1.211E+00
2.460E+04	1.056E-03	4.117E+03	1.470E+02	2.297E+01	6.313E+00	7.465E+01	5.944E+01	1.208E+00
2.480E+04	1.042E-03	4.173E+03	1.476E+02	2.310E+01	6.344E+00	7.772E+01	6.191E+01	1.206E+00
2.500E+04	1.029E-03	4.231E+03	1.482E+02	2.323E+01	6.376E+00	8.076E+01	6.434E+01	1.203E+00

Table I. - Continued.

P/PO = 7.00E-01

T	RH0/RH -0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E+00	-1.718E+02	2.187E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	9.564E-01	-1.705E+02	2.440E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.376E-01	-1.690E+02	2.608E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E-01	-1.672E+02	2.744E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.826E-01	-1.653E+02	2.859E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E-01	-1.633E+02	2.960E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E-01	-1.612E+02	3.050E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E-01	-1.590E+02	3.131E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E-01	-1.567E+02	3.205E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E-01	-1.543E+02	3.273E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	1.739E-01	-1.519E+02	3.335E+01	1.909E+00	1.000E+00	6.638E+00	5.637E+00	1.177E+00
1.200E+03	1.594E-01	-1.494E+02	3.395E+01	1.991E+00	1.000E+00	6.748E+00	5.748E+00	1.174E+00
1.300E+03	1.471E-01	-1.470E+02	3.448E+01	2.059E+00	1.000E+00	6.850E+00	5.850E+00	1.171E+00
1.400E+03	1.366E-01	-1.444E+02	3.499E+01	2.115E+00	1.000E+00	6.962E+00	5.959E+00	1.168E+00
1.500E+03	1.275E-01	-1.419E+02	3.547E+01	2.171E+00	1.000E+00	7.109E+00	6.103E+00	1.165E+00
1.600E+03	1.195E-01	-1.392E+02	3.594E+01	2.286E+00	1.001E+00	7.324E+00	6.319E+00	1.160E+00
1.700E+03	1.124E-01	-1.365E+02	3.639E+01	2.351E+00	1.001E+00	7.693E+00	6.606E+00	1.155E+00
1.800E+03	1.060E-01	-1.335E+02	3.685E+01	2.413E+00	1.002E+00	8.258E+00	7.194E+00	1.147E+00
1.900E+03	1.002E-01	-1.304E+02	3.732E+01	2.472E+00	1.005E+00	9.113E+00	7.995E+00	1.138E+00
2.000E+03	9.483E-02	-1.268E+02	3.781E+01	2.530E+00	1.009E+00	1.053E+01	9.143E+00	1.129E+00
2.100E+03	8.979E-02	-1.228E+02	3.836E+01	2.590E+00	1.014E+00	1.205E+01	1.071E+01	1.119E+00
2.200E+03	8.497E-02	-1.179E+02	3.897E+01	2.654E+00	1.023E+00	1.428E+01	1.274E+01	1.112E+00
2.300E+03	8.024E-02	-1.122E+02	3.966E+01	2.723E+00	1.036E+00	1.707E+01	1.526E+01	1.106E+00
2.400E+03	7.567E-02	-1.054E+02	4.046E+01	2.799E+00	1.053E+00	2.042E+01	1.823E+01	1.102E+00
2.500E+03	7.111E-02	-9.722E+01	4.137E+01	2.885E+00	1.076E+00	2.425E+01	2.156E+01	1.100E+00
2.600E+03	6.658E-02	-8.759E+01	4.240E+01	2.980E+00	1.105E+00	2.839E+01	2.508E+01	1.099E+00
2.700E+03	6.212E-02	-7.641E+01	4.355E+01	3.086E+00	1.140E+00	3.254E+01	2.860E+01	1.100E+00
2.800E+03	5.774E-02	-6.371E+01	4.481E+01	3.203E+00	1.182E+00	3.670E+01	3.186E+01	1.102E+00
2.900E+03	5.360E-02	-4.959E+01	4.616E+01	3.329E+00	1.231E+00	4.034E+01	3.458E+01	1.104E+00
3.000E+03	4.960E-02	-3.425E+01	4.758E+01	3.464E+00	1.284E+00	4.335E+01	3.691E+01	1.107E+00
3.100E+03	4.589E-02	-1.793E+01	4.905E+01	3.607E+00	1.342E+00	4.566E+01	3.852E+01	1.111E+00
3.200E+03	4.259E-02	-8.987E-01	5.052E+01	3.755E+00	1.403E+00	4.726E+01	3.953E+01	1.116E+00
3.300E+03	3.951E-02	1.660E+01	5.199E+01	3.907E+00	1.467E+00	4.819E+01	3.999E+01	1.121E+00
3.400E+03	3.672E-02	3.430E+01	5.344E+01	4.052E+00	1.532E+00	4.842E+01	3.990E+01	1.126E+00
3.500E+03	3.422E-02	5.195E+01	5.483E+01	4.218E+00	1.597E+00	4.780E+01	3.917E+01	1.132E+00
3.600E+03	3.200E-02	6.918E+01	5.616E+01	4.374E+00	1.661E+00	4.614E+01	3.765E+01	1.138E+00
3.700E+03	3.004E-02	8.559E+01	5.739E+01	4.528E+00	1.721E+00	4.332E+01	3.525E+01	1.145E+00
3.800E+03	2.835E-02	1.003E+02	5.849E+01	4.678E+00	1.776E+00	3.959E+01	3.202E+01	1.153E+00
3.900E+03	2.690E-02	1.143E+02	5.946E+01	4.823E+00	1.824E+00	3.471E+01	2.819E+01	1.163E+00
4.000E+03	2.566E-02	1.262E+02	6.027E+01	4.962E+00	1.864E+00	2.978E+01	2.415E+01	1.174E+00
4.100E+03	2.460E-02	1.362E+02	6.095E+01	5.098E+00	1.895E+00	2.508E+01	2.028E+01	1.188E+00
4.200E+03	2.370E-02	1.446E+02	6.150E+01	5.229E+00	1.922E+00	2.097E+01	1.687E+01	1.204E+00
4.300E+03	2.291E-02	1.516E+02	6.196E+01	5.358E+00	1.941E+00	1.760E+01	1.404E+01	1.223E+00
4.400E+03	2.223E-02	1.575E+02	6.233E+01	5.484E+00	1.956E+00	1.496E+01	1.181E+01	1.242E+00
4.500E+03	2.161E-02	1.627E+02	6.264E+01	5.607E+00	1.967E+00	1.296E+01	1.011E+01	1.263E+00
4.600E+03	2.106E-02	1.671E+02	6.291E+01	5.724E+00	1.975E+00	1.148E+01	8.648E+00	1.282E+00
4.700E+03	2.055E-02	1.711E+02	6.315E+01	5.835E+00	1.981E+00	1.040E+01	7.929E+00	1.300E+00
4.800E+03	2.007E-02	1.748E+02	6.336E+01	5.937E+00	1.985E+00	9.633E+00	7.275E+00	1.315E+00
4.900E+03	1.963E-02	1.782E+02	6.355E+01	6.029E+00	1.989E+00	9.102E+00	6.825E+00	1.326E+00
5.000E+03	1.921E-02	1.815E+02	6.373E+01	6.112E+00	1.991E+00	8.761E+00	6.540E+00	1.334E+00
5.100E+03	1.882E-02	1.845E+02	6.390E+01	6.183E+00	1.993E+00	8.583E+00	6.398E+00	1.337E+00
5.200E+03	1.844E-02	1.878E+02	6.407E+01	6.241E+00	1.995E+00	8.561E+00	6.394E+00	1.335E+00
5.300E+03	1.807E-02	1.909E+02	6.423E+01	6.287E+00	1.997E+00	8.704E+00	6.537E+00	1.328E+00
5.400E+03	1.772E-02	1.942E+02	6.440E+01	6.319E+00	1.999E+00	9.043E+00	6.857E+00	1.315E+00
5.500E+03	1.739E-02	1.976E+02	6.457E+01	6.337E+00	2.000E+00	9.627E+00	7.397E+00	1.297E+00
5.600E+03	1.705E-02	2.013E+02	6.475E+01	6.344E+00	2.003E+00	1.053E+01	8.221E+00	1.276E+00
5.700E+03	1.673E-02	2.054E+02	6.495E+01	6.345E+00	2.006E+00	1.184E+01	9.414E+00	1.252E+00
5.800E+03	1.641E-02	2.100E+02	6.517E+01	6.344E+00	2.010E+00	1.368E+01	1.108E+01	1.227E+00
5.900E+03	1.608E-02	2.155E+02	6.542E+01	6.347E+00	2.016E+00	1.620E+01	1.333E+01	1.204E+00
6.000E+03	1.575E-02	2.220E+02	6.572E+01	6.350E+00	2.024E+00	1.953E+01	1.629E+01	1.184E+00
6.100E+03	1.541E-02	2.294E+02	6.608E+01	6.384E+00	2.035E+00	2.382E+01	2.067E+01	1.167E+00
6.200E+03	1.506E-02	2.395E+02	6.651E+01	6.422E+00	2.049E+00	2.918E+01	2.472E+01	1.154E+00
6.300E+03	1.469E-02	2.514E+02	6.702E+01	6.475E+00	2.068E+00	3.505E+01	3.024E+01	1.144E+00
6.400E+03	1.429E-02	2.658E+02	6.764E+01	6.543E+00	2.091E+00	4.314E+01	3.652E+01	1.137E+00
6.500E+03	1.388E-02	2.831E+02	6.838E+01	6.626E+00	2.121E+00	5.145E+01	4.335E+01	1.132E+00
6.600E+03	1.344E-02	3.035E+02	6.923E+01	6.724E+00	2.157E+00	6.022E+01	5.038E+01	1.129E+00
6.700E+03	1.298E-02	3.272E+02	7.020E+01	6.835E+00	2.199E+00	6.895E+01	5.722E+01	1.127E+00
6.800E+03	1.252E-02	3.539E+02	7.128E+01	6.959E+00	2.248E+00	7.705E+01	6.342E+01	1.126E+00
6.900E+03	1.204E-02	3.834E+02	7.246E+01	7.094E+00	2.302E+00	8.393E+01	6.857E+01	1.127E+00
7.000E+03	1.158E-02	4.152E+02	7.371E+01	7.239E+00	2.360E+00	8.905E+01	7.230E+01	1.127E+00
7.100E+03	1.113E-02	4.484E+02	7.499E+01	7.389E+00	2.422E+00	9.202E+01	7.438E+01	1.124E+00
7.200E+03	1.069E-02	4.843E+02	7.629E+01	7.544E+00	2.484E+00	9.255E+01	7.470E+01	1.131E+00
7.300E+03	1.029E-02	5.159E+02	7.756E+01	7.700E+00	2.546E+00	9.100E+01	7.332E+01	1.134E+00
7.400E+03	9.919E-03	5.486E+02	7.877E+01	7.854E+00	2.606E+00	8.735E+01	7.043E+01	1.137E+00
7.500E+03	9.578E-03	5.797E+02	7.991E+01	8.007E+00	2.663E+00	8.215E+01	6.636E+01	1.141E+00
7.600E+03	9.270E-03	6.100E+02	8.096E+01	8.155E+00	2.715E+00	7.594E+01	6.149E+01	1.146E+00
7.700E+03	8.993E-03	6.390E+02	8.191E+01	8.299E+00	2.763E+00	6.924E+01	5.619E+01	1.151E+00
7.800E+03	8.744E-03	6.654E+02	8.276E+01	8.438E+00	2.805E+00	6.251E+01	5.081E+01	1.157E+00
7.900E+03	8.520E-03	6.811E+02	8.351E+01	8.573E+00	2.842E+00	5.510E+01	4.565E+01	1.164E+00
8.000E+03	8.317E-03	7.005E+02	8.418E+01	8.705E+00	2.875E+00	5.026E+01	4.088E+01	1.171E+00
8.200E+03	7.966E-03	7.336E+02	8.530E+01	8.856E+00	2.928E+00	4.068E+01	3.297E+01	1.188E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	7.669E-03	7.608E+02	8.519E+01	9.193E+00	2.969E+00	3.396E+01	2.735E+01	1.204E+00
8.600E+03	7.409E-03	7.839E+02	8.694E+01	9.411E+00	3.002E+00	2.968E+01	2.373E+01	1.219E+00
8.800E+03	7.174E-03	8.047E+02	8.759E+01	9.606E+00	3.030E+00	2.729E+01	2.169E+01	1.230E+00
9.000E+03	6.958E-03	8.243E+02	8.819E+01	9.777E+00	3.055E+00	2.629E+01	2.082E+01	1.236E+00
9.200E+03	6.754E-03	8.435E+02	8.876E+01	9.929E+00	3.078E+00	2.630E+01	2.080E+01	1.238E+00
9.400E+03	6.560E-03	8.629E+02	8.934E+01	1.007E+01	3.102E+00	2.704E+01	2.139E+01	1.236E+00
9.600E+03	6.373E-03	8.832E+02	8.992E+01	1.020E+01	3.127E+00	2.832E+01	2.244E+01	1.232E+00
9.800E+03	6.191E-03	9.045E+02	9.052E+01	1.033E+01	3.153E+00	3.003E+01	2.382E+01	1.228E+00
1.000E+04	6.013E-03	9.272E+02	9.115E+01	1.046E+01	3.181E+00	3.206E+01	2.546E+01	1.223E+00
1.020E+04	5.839E-03	9.515E+02	9.180E+01	1.060E+01	3.212E+00	3.435E+01	2.729E+01	1.219E+00
1.040E+04	5.668E-03	9.776E+02	9.249E+01	1.074E+01	3.245E+00	3.685E+01	2.928E+01	1.214E+00
1.060E+04	5.500E-03	1.006E+03	9.322E+01	1.088E+01	3.281E+00	3.953E+01	3.138E+01	1.211E+00
1.080E+04	5.335E-03	1.036E+03	9.399E+01	1.104E+01	3.320E+00	4.235E+01	3.358E+01	1.207E+00
1.100E+04	5.172E-03	1.068E+03	9.479E+01	1.119E+01	3.362E+00	4.529E+01	3.585E+01	1.205E+00
1.120E+04	5.012E-03	1.102E+03	9.563E+01	1.136E+01	3.408E+00	4.832E+01	3.818E+01	1.202E+00
1.140E+04	4.855E-03	1.138E+03	9.652E+01	1.153E+01	3.456E+00	5.144E+01	4.055E+01	1.200E+00
1.160E+04	4.701E-03	1.177E+03	9.744E+01	1.171E+01	3.508E+00	5.463E+01	4.296E+01	1.198E+00
1.180E+04	4.551E-03	1.218E+03	9.840E+01	1.189E+01	3.562E+00	5.788E+01	4.540E+01	1.196E+00
1.200E+04	4.403E-03	1.262E+03	9.940E+01	1.208E+01	3.620E+00	6.120E+01	4.787E+01	1.195E+00
1.220E+04	4.259E-03	1.308E+03	1.04E+02	1.228E+01	3.681E+00	6.457E+01	5.037E+01	1.194E+00
1.240E+04	4.119E-03	1.357E+03	1.015E+02	1.248E+01	3.745E+00	6.801E+01	5.290E+01	1.193E+00
1.260E+04	3.982E-03	1.408E+03	1.026E+02	1.269E+01	3.812E+00	7.149E+01	5.546E+01	1.192E+00
1.280E+04	3.849E-03	1.461E+03	1.038E+02	1.290E+01	3.882E+00	7.501E+01	5.802E+01	1.191E+00
1.300E+04	3.720E-03	1.517E+03	1.050E+02	1.312E+01	3.955E+00	7.853E+01	6.057E+01	1.190E+00
1.320E+04	3.595E-03	1.576E+03	1.062E+02	1.334E+01	4.031E+00	8.202E+01	6.307E+01	1.190E+00
1.340E+04	3.473E-03	1.638E+03	1.075E+02	1.357E+01	4.110E+00	8.540E+01	6.549E+01	1.189E+00
1.350E+04	3.356E-03	1.701E+03	1.088E+02	1.381E+01	4.191E+00	8.862E+01	6.777E+01	1.189E+00
1.380E+04	3.242E-03	1.767E+03	1.101E+02	1.405E+01	4.275E+00	9.158E+01	6.985E+01	1.190E+00
1.400E+04	3.133E-03	1.835E+03	1.114E+02	1.430E+01	4.361E+00	9.419E+01	7.167E+01	1.190E+00
1.420E+04	3.029E-03	1.905E+03	1.128E+02	1.455E+01	4.448E+00	9.637E+01	7.315E+01	1.191E+00
1.440E+04	2.929E-03	1.976E+03	1.141E+02	1.480E+01	4.536E+00	9.802E+01	7.427E+01	1.192E+00
1.460E+04	2.833E-03	2.049E+03	1.155E+02	1.506E+01	4.625E+00	9.906E+01	7.495E+01	1.193E+00
1.480E+04	2.742E-03	2.121E+03	1.168E+02	1.531E+01	4.714E+00	9.943E+01	7.515E+01	1.195E+00
1.500E+04	2.656E-03	2.194E+03	1.182E+02	1.557E+01	4.802E+00	9.911E+01	7.486E+01	1.197E+00
1.520E+04	2.575E-03	2.266E+03	1.195E+02	1.583E+01	4.888E+00	9.808E+01	7.406E+01	1.199E+00
1.540E+04	2.498E-03	2.337E+03	1.207E+02	1.609E+01	4.972E+00	9.636E+01	7.277E+01	1.202E+00
1.560E+04	2.426E-03	2.407E+03	1.220E+02	1.635E+01	5.054E+00	9.400E+01	7.103E+01	1.205E+00
1.580E+04	2.359E-03	2.475E+03	1.231E+02	1.660E+01	5.132E+00	9.109E+01	6.87E+01	1.208E+00
1.600E+04	2.296E-03	2.540E+03	1.243E+02	1.685E+01	5.207E+00	8.770E+01	6.637E+01	1.212E+00
1.620E+04	2.238E-03	2.603E+03	1.253E+02	1.710E+01	5.277E+00	8.395E+01	6.358E+01	1.216E+00
1.640E+04	2.183E-03	2.663E+03	1.263E+02	1.735E+01	5.343E+00	7.994E+01	6.060E+01	1.221E+00
1.660E+04	2.132E-03	2.720E+03	1.273E+02	1.759E+01	5.404E+00	7.578E+01	5.749E+01	1.225E+00
1.680E+04	2.085E-03	2.774E+03	1.283E+02	1.783E+01	5.461E+00	7.158E+01	5.432E+01	1.231E+00
1.700E+04	2.041E-03	2.825E+03	1.293E+02	1.806E+01	5.514E+00	6.742E+01	5.116E+01	1.237E+00
1.720E+04	2.000E-03	2.873E+03	1.298E+02	1.825E+01	5.562E+00	6.337E+01	4.807E+01	1.243E+00
1.740E+04	1.961E-03	2.918E+03	1.305E+02	1.852E+01	5.605E+00	5.950E+01	4.510E+01	1.250E+00
1.760E+04	1.925E-03	2.960E+03	1.311E+02	1.874E+01	5.645E+00	5.584E+01	4.228E+01	1.257E+00
1.780E+04	1.892E-03	3.003E+03	1.317E+02	1.896E+01	5.681E+00	5.244E+01	3.963E+01	1.264E+00
1.800E+04	1.860E-03	3.037E+03	1.323E+02	1.918E+01	5.713E+00	4.930E+01	3.719E+01	1.271E+00
1.820E+04	1.830E-03	3.072E+03	1.326E+02	1.939E+01	5.743E+00	4.645E+01	3.495E+01	1.279E+00
1.840E+04	1.802E-03	3.105E+03	1.333E+02	1.960E+01	5.769E+00	4.388E+01	3.293E+01	1.286E+00
1.850E+04	1.775E-03	3.136E+03	1.338E+02	1.980E+01	5.793E+00	4.159E+01	3.113E+01	1.294E+00
1.880E+04	1.750E-03	3.165E+03	1.342E+02	2.000E+01	5.815E+00	3.957E+01	2.953E+01	1.301E+00
1.900E+04	1.726E-03	3.194E+03	1.346E+02	2.019E+01	5.835E+00	3.782E+01	2.815E+01	1.307E+00
1.920E+04	1.702E-03	3.222E+03	1.350E+02	2.036E+01	5.853E+00	3.632E+01	2.697E+01	1.313E+00
1.940E+04	1.680E-03	3.248E+03	1.354E+02	2.055E+01	5.869E+00	3.506E+01	2.598E+01	1.319E+00
1.950E+04	1.659E-03	3.273E+03	1.357E+02	2.072E+01	5.884E+00	3.404E+01	2.519E+01	1.323E+00
1.980E+04	1.638E-03	3.298E+03	1.361E+02	2.087E+01	5.898E+00	3.324E+01	2.437E+01	1.326E+00
2.000E+04	1.618E-03	3.322E+03	1.364E+02	2.101E+01	5.911E+00	3.266E+01	2.414E+01	1.328E+00
2.020E+04	1.599E-03	3.345E+03	1.367E+02	2.114E+01	5.923E+00	3.229E+01	2.388E+01	1.328E+00
2.040E+04	1.580E-03	3.369E+03	1.371E+02	2.126E+01	5.934E+00	3.213E+01	2.380E+01	1.328E+00
2.060E+04	1.562E-03	3.393E+03	1.374E+02	2.137E+01	5.945E+00	3.217E+01	2.388E+01	1.326E+00
2.080E+04	1.544E-03	3.416E+03	1.377E+02	2.147E+01	5.957E+00	3.242E+01	2.413E+01	1.323E+00
2.100E+04	1.526E-03	3.440E+03	1.380E+02	2.156E+01	5.967E+00	3.286E+01	2.454E+01	1.318E+00
2.120E+04	1.509E-03	3.464E+03	1.383E+02	2.163E+01	5.978E+00	3.350E+01	2.512E+01	1.313E+00
2.140E+04	1.492E-03	3.489E+03	1.386E+02	2.171E+01	5.989E+00	3.433E+01	2.587E+01	1.307E+00
2.160E+04	1.476E-03	3.515E+03	1.390E+02	2.177E+01	6.000E+00	3.537E+01	2.678E+01	1.300E+00
2.180E+04	1.460E-03	3.541E+03	1.393E+02	2.183E+01	6.012E+00	3.660E+01	2.785E+01	1.293E+00
2.200E+04	1.443E-03	3.568E+03	1.396E+02	2.189E+01	6.024E+00	3.802E+01	2.908E+01	1.286E+00
2.220E+04	1.427E-03	3.597E+03	1.400E+02	2.195E+01	6.037E+00	3.963E+01	3.046E+01	1.278E+00
2.240E+04	1.411E-03	3.626E+03	1.403E+02	2.201E+01	6.051E+00	4.143E+01	3.200E+01	1.271E+00
2.250E+04	1.395E-03	3.657E+03	1.407E+02	2.208E+01	6.065E+00	4.342E+01	3.368E+01	1.264E+00
2.280E+04	1.380E-03	3.690E+03	1.411E+02	2.214E+01	6.081E+00	4.557E+01	3.550E+01	1.257E+00
2.300E+04	1.364E-03	3.724E+03	1.415E+02	2.221E+01	6.097E+00	4.788E+01	3.745E+01	1.251E+00
2.320E+04	1.348E-03	3.760E+03	1.419E+02	2.229E+01	6.115E+00	5.035E+01	3.951E+01	1.244E+00
2.340E+04	1.333E-03	3.798E+03	1.424E+02	2.236E+01	6.134E+00	5.294E+01	4.167E+01	1.239E+00
2.350E+04	1.317E-03	3.838E+03	1.428E+02	2.245E+01	6.154E+00	5.566E+01	4.391E+01	1.234E+00
2.380E+04	1.301E-03	3.880E+03	1.433E+02	2.254E+01	6.176E+00	5.847E+01	4.623E+01	1.229E+00
2.400E+04	1.286E-03	3.923E+03	1.438E+02	2.264E+01	6.199E+00	6.136E+01	4.860E+01	1.224E+00
2.420E+04	1.270E-03	3.969E+03	1.443E+02	2.274E+01	6.223E+00	6.431E+01	5.101E+01	1.220E+00
2.440E+04	1.255E-03	4.018E+03	1.449E+02	2.284E+01	6.249E+00	6.730E+01	5.344E+01	1.217E+00
2.460E+04	1.239E-03	4.068E+03	1.455E+02	2.296E+01	6.276E+00	7.032E+01	5.587E+01	1.213E+00
2.480E+04	1.223E-03	4.121E+03	1.460E+02	2.307E+01	6.304E+00	7.334E+01	5.831E+01	1.210E+00
2.500E+04	1.208E-03	4.175E+03	1.466E+02	2.319E+01	6.334E+00	7.635E+01	6.073E+01	1.208E+00

Table I. - Continued.

P/P0 = 8.00E-01

T	RND/RND-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E+00	-1.718E+02	2.174E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E+00	-1.705E+02	2.426E+01	8.702E-01	1.000E+00	3.851E+00	2.891E+00	1.346E+00
3.000E+02	7.287E-01	-1.690E+02	2.595E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.465E-01	-1.672E+02	2.731E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E-01	-1.653E+02	2.846E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E-01	-1.633E+02	2.947E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E-01	-1.612E+02	3.037E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E-01	-1.590E+02	3.118E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E-01	-1.567E+02	3.191E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E-01	-1.543E+02	3.259E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	1.987E-01	-1.519E+02	3.322E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.822E-01	-1.494E+02	3.380E+01	1.991E+00	1.000E+00	6.748E+00	5.747E+00	1.174E+00
1.300E+03	1.682E-01	-1.470E+02	3.434E+01	2.069E+00	1.000E+00	6.849E+00	5.849E+00	1.171E+00
1.400E+03	1.561E-01	-1.444E+02	3.486E+01	2.145E+00	1.000E+00	6.959E+00	5.957E+00	1.168E+00
1.500E+03	1.457E-01	-1.419E+02	3.534E+01	2.217E+00	1.000E+00	7.103E+00	6.097E+00	1.165E+00
1.600E+03	1.366E-01	-1.392E+02	3.581E+01	2.286E+00	1.000E+00	7.320E+00	6.306E+00	1.161E+00
1.700E+03	1.285E-01	-1.365E+02	3.626E+01	2.351E+00	1.001E+00	7.666E+00	6.635E+00	1.155E+00
1.800E+03	1.212E-01	-1.336E+02	3.671E+01	2.413E+00	1.002E+00	8.208E+00	7.147E+00	1.148E+00
1.900E+03	1.145E-01	-1.304E+02	3.718E+01	2.473E+00	1.005E+00	9.028E+00	7.915E+00	1.139E+00
2.000E+03	1.084E-01	-1.269E+02	3.767E+01	2.531E+00	1.008E+00	1.021E+01	9.015E+00	1.129E+00
2.100E+03	1.027E-01	-1.229E+02	3.820E+01	2.591E+00	1.014E+00	1.184E+01	1.052E+01	1.121E+00
2.200E+03	9.720E-02	-1.182E+02	3.880E+01	2.653E+00	1.022E+00	1.398E+01	1.247E+01	1.113E+00
2.300E+03	9.188E-02	-1.126E+02	3.948E+01	2.722E+00	1.034E+00	1.666E+01	1.489E+01	1.107E+00
2.400E+03	8.667E-02	-1.059E+02	4.025E+01	2.797E+00	1.051E+00	1.988E+01	1.775E+01	1.103E+00
2.500E+03	8.150E-02	-9.799E+01	4.114E+01	2.882E+00	1.073E+00	2.357E+01	2.096E+01	1.100E+00
2.600E+03	7.639E-02	-8.863E+01	4.214E+01	2.975E+00	1.101E+00	2.759E+01	2.439E+01	1.100E+00
2.700E+03	7.135E-02	-7.777E+01	4.326E+01	3.079E+00	1.135E+00	3.173E+01	2.782E+01	1.100E+00
2.800E+03	6.643E-02	-6.541E+01	4.449E+01	3.194E+00	1.175E+00	3.573E+01	3.105E+01	1.102E+00
2.900E+03	6.169E-02	-5.165E+01	4.581E+01	3.318E+00	1.222E+00	3.934E+01	3.386E+01	1.104E+00
3.000E+03	5.720E-02	-3.667E+01	4.719E+01	3.450E+00	1.274E+00	4.238E+01	3.612E+01	1.107E+00
3.100E+03	5.301E-02	-2.070E+01	4.862E+01	3.591E+00	1.330E+00	4.473E+01	3.778E+01	1.111E+00
3.200E+03	4.914E-02	-4.002E+00	5.007E+01	3.737E+00	1.390E+00	4.640E+01	3.885E+01	1.116E+00
3.300E+03	4.561E-02	1.319E+01	5.152E+01	3.887E+00	1.453E+00	4.743E+01	3.940E+01	1.120E+00
3.400E+03	4.240E-02	3.065E+01	5.294E+01	4.040E+00	1.516E+00	4.780E+01	3.942E+01	1.126E+00
3.500E+03	3.952E-02	4.810E+01	5.432E+01	4.195E+00	1.580E+00	4.741E+01	3.886E+01	1.131E+00
3.600E+03	3.695E-02	6.525E+01	5.564E+01	4.350E+00	1.644E+00	4.607E+01	3.760E+01	1.137E+00
3.700E+03	3.468E-02	8.171E+01	5.687E+01	4.506E+00	1.704E+00	4.365E+01	3.551E+01	1.144E+00
3.800E+03	3.270E-02	9.708E+01	5.799E+01	4.654E+00	1.760E+00	4.014E+01	3.260E+01	1.152E+00
3.900E+03	3.099E-02	1.110E+02	5.898E+01	4.799E+00	1.809E+00	3.578E+01	2.904E+01	1.161E+00
4.000E+03	2.952E-02	1.232E+02	5.983E+01	4.940E+00	1.851E+00	3.103E+01	2.515E+01	1.171E+00
4.100E+03	2.823E-02	1.337E+02	6.054E+01	5.075E+00	1.886E+00	2.636E+01	2.132E+01	1.184E+00
4.200E+03	2.711E-02	1.426E+02	6.112E+01	5.207E+00	1.913E+00	2.216E+01	1.784E+01	1.200E+00
4.300E+03	2.628E-02	1.500E+02	6.160E+01	5.336E+00	1.934E+00	1.863E+01	1.489E+01	1.217E+00
4.400E+03	2.547E-02	1.563E+02	6.199E+01	5.462E+00	1.950E+00	1.580E+01	1.251E+01	1.236E+00
4.500E+03	2.475E-02	1.617E+02	6.232E+01	5.585E+00	1.963E+00	1.363E+01	1.067E+01	1.256E+00
4.600E+03	2.411E-02	1.664E+02	6.260E+01	5.704E+00	1.972E+00	1.200E+01	9.286E+00	1.275E+00
4.700E+03	2.351E-02	1.705E+02	6.285E+01	5.816E+00	1.978E+00	1.080E+01	8.265E+00	1.293E+00
4.800E+03	2.296E-02	1.743E+02	6.307E+01	5.921E+00	1.983E+00	9.934E+00	7.528E+00	1.309E+00
4.900E+03	2.245E-02	1.778E+02	6.326E+01	6.016E+00	1.987E+00	9.323E+00	7.011E+00	1.321E+00
5.000E+03	2.197E-02	1.812E+02	6.345E+01	6.102E+00	1.990E+00	8.916E+00	6.669E+00	1.330E+00
5.100E+03	2.151E-02	1.844E+02	6.362E+01	6.177E+00	1.992E+00	8.680E+00	6.476E+00	1.335E+00
5.200E+03	2.108E-02	1.875E+02	6.379E+01	6.240E+00	1.994E+00	8.600E+00	6.421E+00	1.335E+00
5.300E+03	2.066E-02	1.907E+02	6.395E+01	6.290E+00	1.996E+00	8.681E+00	6.509E+00	1.329E+00
5.400E+03	2.026E-02	1.939E+02	6.412E+01	6.327E+00	1.998E+00	8.944E+00	6.761E+00	1.319E+00
5.500E+03	1.988E-02	1.973E+02	6.429E+01	6.350E+00	2.000E+00	9.471E+00	7.213E+00	1.303E+00
5.600E+03	1.950E-02	2.009E+02	6.446E+01	6.362E+00	2.002E+00	1.020E+01	7.922E+00	1.283E+00
5.700E+03	1.913E-02	2.048E+02	6.465E+01	6.365E+00	2.005E+00	1.134E+01	8.960E+00	1.260E+00
5.800E+03	1.877E-02	2.092E+02	6.486E+01	6.365E+00	2.009E+00	1.296E+01	1.042E+01	1.236E+00
5.900E+03	1.840E-02	2.144E+02	6.510E+01	6.366E+00	2.014E+00	1.517E+01	1.241E+01	1.213E+00
6.000E+03	1.803E-02	2.204E+02	6.538E+01	6.375E+00	2.021E+00	1.813E+01	1.504E+01	1.192E+00
6.100E+03	1.765E-02	2.278E+02	6.571E+01	6.395E+00	2.030E+00	2.197E+01	1.843E+01	1.174E+00
6.200E+03	1.726E-02	2.367E+02	6.611E+01	6.428E+00	2.043E+00	2.680E+01	2.264E+01	1.160E+00
6.300E+03	1.685E-02	2.475E+02	6.658E+01	6.475E+00	2.060E+00	3.269E+01	2.770E+01	1.149E+00
6.400E+03	1.641E-02	2.607E+02	6.715E+01	6.537E+00	2.081E+00	3.962E+01	3.355E+01	1.141E+00
6.500E+03	1.596E-02	2.766E+02	6.782E+01	6.613E+00	2.108E+00	4.743E+01	4.002E+01	1.135E+00
6.600E+03	1.547E-02	2.955E+02	6.861E+01	6.704E+00	2.141E+00	5.584E+01	4.682E+01	1.131E+00
6.700E+03	1.497E-02	3.175E+02	6.952E+01	6.809E+00	2.180E+00	6.442E+01	5.361E+01	1.129E+00
6.800E+03	1.445E-02	3.427E+02	7.053E+01	6.927E+00	2.225E+00	7.256E+01	5.998E+01	1.127E+00
6.900E+03	1.392E-02	3.706E+02	7.165E+01	7.057E+00	2.276E+00	7.997E+01	6.550E+01	1.127E+00
7.000E+03	1.339E-02	4.010E+02	7.284E+01	7.196E+00	2.332E+00	8.582E+01	6.981E+01	1.128E+00
7.100E+03	1.288E-02	4.332E+02	7.409E+01	7.343E+00	2.391E+00	8.975E+01	7.263E+01	1.129E+00
7.200E+03	1.238E-02	4.665E+02	7.536E+01	7.495E+00	2.452E+00	9.151E+01	7.379E+01	1.131E+00
7.300E+03	1.191E-02	5.000E+02	7.662E+01	7.649E+00	2.514E+00	9.101E+01	7.327E+01	1.133E+00
7.400E+03	1.148E-02	5.329E+02	7.784E+01	7.803E+00	2.575E+00	8.844E+01	7.120E+01	1.136E+00
7.500E+03	1.107E-02	5.645E+02	7.900E+01	7.956E+00	2.632E+00	8.413E+01	6.782E+01	1.140E+00
7.600E+03	1.071E-02	5.943E+02	8.008E+01	8.106E+00	2.686E+00	7.857E+01	6.346E+01	1.144E+00
7.700E+03	1.038E-02	6.219E+02	8.107E+01	8.251E+00	2.736E+00	7.226E+01	5.850E+01	1.149E+00
7.800E+03	1.008E-02	6.472E+02	8.196E+01	8.392E+00	2.780E+00	6.569E+01	5.329E+01	1.155E+00
7.900E+03	9.813E-03	6.700E+02	8.275E+01	8.529E+00	2.820E+00	5.924E+01	4.812E+01	1.161E+00
8.000E+03	9.571E-03	6.906E+02	8.346E+01	8.662E+00	2.855E+00	5.321E+01	4.324E+01	1.168E+00
8.200E+03	9.154E-03	7.257E+02	8.464E+01	8.917E+00	2.913E+00	4.302E+01	3.488E+01	1.184E+00

Table I. - Continued.

T	PHO/R40-0	H/RTO	S/R	A/AO	Z	LP/R	CV/R	GAMMA
8.400E+03	8.802E-03	7.543E+02	8.559E+01	9.158E+00	7.957E+00	3.561E+01	2.871E+01	1.200E+00
8.600E+03	8.497E-03	7.784E+02	8.636E+01	9.381E+00	2.992E+00	3.070E+01	2.457E+01	1.216E+00
8.800E+03	8.225E-03	7.997E+02	8.703E+01	9.583E+00	3.020E+00	2.779E+01	2.210E+01	1.228E+00
9.000E+03	7.975E-03	8.195E+02	8.764E+01	9.762E+00	3.046E+00	2.637E+01	2.088E+01	1.236E+00
9.200E+03	7.742E-03	8.386E+02	8.821E+01	9.920E+00	3.069E+00	2.604E+01	2.057E+01	1.239E+00
9.400E+03	7.520E-03	8.578E+02	8.877E+01	1.006E+01	3.093E+00	2.651E+01	2.094E+01	1.238E+00
9.600E+03	7.307E-03	8.776E+02	8.934E+01	1.020E+01	3.117E+00	2.756E+01	2.179E+01	1.235E+00
9.800E+03	7.100E-03	8.983E+02	8.993E+01	1.033E+01	3.142E+00	2.906E+01	2.301E+01	1.231E+00
1.000E+04	6.899E-03	9.202E+02	9.052E+01	1.046E+01	3.169E+00	3.091E+01	2.450E+01	1.227E+00
1.020E+04	6.702E-03	9.436E+02	9.116E+01	1.059E+01	3.198E+00	3.303E+01	2.621E+01	1.222E+00
1.040E+04	6.509E-03	9.687E+02	9.183E+01	1.073E+01	3.229E+00	3.538E+01	2.808E+01	1.218E+00
1.060E+04	6.319E-03	9.955E+02	9.253E+01	1.087E+01	3.264E+00	3.792E+01	3.008E+01	1.214E+00
1.080E+04	6.132E-03	1.024E+03	9.326E+01	1.102E+01	3.301E+00	4.060E+01	3.218E+01	1.210E+00
1.100E+04	5.949E-03	1.055E+03	9.403E+01	1.117E+01	3.341E+00	4.342E+01	3.436E+01	1.207E+00
1.120E+04	5.768E-03	1.088E+03	9.484E+01	1.133E+01	3.384E+00	4.633E+01	3.660E+01	1.205E+00
1.140E+04	5.591E-03	1.123E+03	9.568E+01	1.150E+01	3.436E+00	4.934E+01	3.890E+01	1.202E+00
1.160E+04	5.416E-03	1.160E+03	9.657E+01	1.167E+01	3.479E+00	5.242E+01	4.125E+01	1.200E+00
1.180E+04	5.246E-03	1.200E+03	9.749E+01	1.185E+01	3.532E+00	5.558E+01	4.360E+01	1.199E+00
1.200E+04	5.079E-03	1.242E+03	9.845E+01	1.204E+01	3.587E+00	5.879E+01	4.600E+01	1.197E+00
1.220E+04	4.916E-03	1.286E+03	9.945E+01	1.223E+01	3.645E+00	6.206E+01	4.843E+01	1.196E+00
1.240E+04	4.756E-03	1.332E+03	1.005E+02	1.243E+01	3.707E+00	6.540E+01	5.089E+01	1.194E+00
1.260E+04	4.501E-03	1.382E+03	1.016E+02	1.263E+01	3.771E+00	6.878E+01	5.337E+01	1.193E+00
1.280E+04	4.449E-03	1.433E+03	1.027E+02	1.284E+01	3.839E+00	7.220E+01	5.587E+01	1.192E+00
1.300E+04	4.302E-03	1.487E+03	1.038E+02	1.305E+01	3.909E+00	7.564E+01	5.836E+01	1.192E+00
1.320E+04	4.159E-03	1.544E+03	1.050E+02	1.327E+01	3.982E+00	7.907E+01	6.083E+01	1.191E+00
1.340E+04	4.020E-03	1.603E+03	1.062E+02	1.350E+01	4.058E+00	8.243E+01	6.324E+01	1.191E+00
1.360E+04	3.886E-03	1.665E+03	1.075E+02	1.373E+01	4.136E+00	8.567E+01	6.554E+01	1.191E+00
1.380E+04	3.756E-03	1.728E+03	1.087E+02	1.396E+01	4.217E+00	8.871E+01	6.768E+01	1.191E+00
1.400E+04	3.631E-03	1.794E+03	1.100E+02	1.420E+01	4.301E+00	9.148E+01	6.961E+01	1.191E+00
1.420E+04	3.511E-03	1.862E+03	1.113E+02	1.445E+01	4.385E+00	9.388E+01	7.128E+01	1.192E+00
1.440E+04	3.395E-03	1.932E+03	1.127E+02	1.470E+01	4.472E+00	9.584E+01	7.281E+01	1.193E+00
1.460E+04	3.285E-03	2.003E+03	1.140E+02	1.495E+01	4.559E+00	9.726E+01	7.356E+01	1.194E+00
1.480E+04	3.179E-03	2.074E+03	1.153E+02	1.520E+01	4.646E+00	9.809E+01	7.408E+01	1.195E+00
1.500E+04	3.079E-03	2.145E+03	1.167E+02	1.546E+01	4.734E+00	9.827E+01	7.414E+01	1.197E+00
1.520E+04	2.984E-03	2.218E+03	1.179E+02	1.572E+01	4.820E+00	9.778E+01	7.373E+01	1.199E+00
1.540E+04	2.894E-03	2.289E+03	1.192E+02	1.598E+01	4.904E+00	9.661E+01	7.284E+01	1.201E+00
1.560E+04	2.810E-03	2.359E+03	1.205E+02	1.623E+01	4.987E+00	9.481E+01	7.150E+01	1.204E+00
1.580E+04	2.731E-03	2.428E+03	1.216E+02	1.649E+01	5.067E+00	9.241E+01	6.972E+01	1.207E+00
1.600E+04	2.657E-03	2.494E+03	1.228E+02	1.674E+01	5.143E+00	8.950E+01	6.757E+01	1.210E+00
1.620E+04	2.587E-03	2.559E+03	1.239E+02	1.699E+01	5.216E+00	8.615E+01	6.510E+01	1.214E+00
1.640E+04	2.523E-03	2.620E+03	1.249E+02	1.723E+01	5.284E+00	8.248E+01	6.238E+01	1.218E+00
1.660E+04	2.462E-03	2.679E+03	1.259E+02	1.748E+01	5.348E+00	7.858E+01	5.947E+01	1.223E+00
1.680E+04	2.406E-03	2.736E+03	1.268E+02	1.772E+01	5.408E+00	7.455E+01	5.645E+01	1.228E+00
1.700E+04	2.354E-03	2.789E+03	1.277E+02	1.795E+01	5.464E+00	7.048E+01	5.340E+01	1.233E+00
1.720E+04	2.305E-03	2.839E+03	1.285E+02	1.818E+01	5.515E+00	6.647E+01	5.035E+01	1.239E+00
1.740E+04	2.259E-03	2.885E+03	1.292E+02	1.841E+01	5.562E+00	6.256E+01	4.738E+01	1.245E+00
1.760E+04	2.216E-03	2.930E+03	1.299E+02	1.864E+01	5.605E+00	5.883E+01	4.452E+01	1.252E+00
1.780E+04	2.176E-03	2.972E+03	1.306E+02	1.886E+01	5.644E+00	5.531E+01	4.180E+01	1.259E+00
1.800E+04	2.139E-03	3.011E+03	1.312E+02	1.908E+01	5.679E+00	5.203E+01	3.926E+01	1.266E+00
1.820E+04	2.103E-03	3.048E+03	1.317E+02	1.929E+01	5.711E+00	4.900E+01	3.690E+01	1.273E+00
1.840E+04	2.070E-03	3.083E+03	1.322E+02	1.950E+01	5.740E+00	4.624E+01	3.475E+01	1.280E+00
1.860E+04	2.038E-03	3.116E+03	1.327E+02	1.971E+01	5.767E+00	4.376E+01	3.280E+01	1.287E+00
1.880E+04	2.008E-03	3.147E+03	1.332E+02	1.991E+01	5.791E+00	4.154E+01	3.105E+01	1.295E+00
1.900E+04	1.980E-03	3.177E+03	1.336E+02	2.011E+01	5.812E+00	3.958E+01	2.951E+01	1.301E+00
1.920E+04	1.952E-03	3.205E+03	1.340E+02	2.030E+01	5.832E+00	3.788E+01	2.817E+01	1.308E+00
1.940E+04	1.926E-03	3.233E+03	1.344E+02	2.048E+01	5.850E+00	3.642E+01	2.703E+01	1.314E+00
1.960E+04	1.901E-03	3.259E+03	1.348E+02	2.065E+01	5.866E+00	3.520E+01	2.607E+01	1.318E+00
1.980E+04	1.877E-03	3.284E+03	1.351E+02	2.081E+01	5.881E+00	3.420E+01	2.530E+01	1.323E+00
2.000E+04	1.854E-03	3.309E+03	1.355E+02	2.097E+01	5.895E+00	3.343E+01	2.471E+01	1.325E+00
2.020E+04	1.832E-03	3.333E+03	1.358E+02	2.111E+01	5.908E+00	3.286E+01	2.429E+01	1.327E+00
2.040E+04	1.810E-03	3.357E+03	1.361E+02	2.124E+01	5.920E+00	3.250E+01	2.404E+01	1.328E+00
2.060E+04	1.789E-03	3.381E+03	1.364E+02	2.136E+01	5.932E+00	3.233E+01	2.395E+01	1.327E+00
2.080E+04	1.768E-03	3.405E+03	1.367E+02	2.147E+01	5.944E+00	3.239E+01	2.404E+01	1.325E+00
2.100E+04	1.748E-03	3.428E+03	1.370E+02	2.156E+01	5.955E+00	3.263E+01	2.428E+01	1.322E+00
2.120E+04	1.729E-03	3.452E+03	1.374E+02	2.165E+01	5.966E+00	3.306E+01	2.469E+01	1.318E+00
2.140E+04	1.709E-03	3.477E+03	1.377E+02	2.173E+01	5.976E+00	3.368E+01	2.526E+01	1.313E+00
2.160E+04	1.690E-03	3.502E+03	1.380E+02	2.180E+01	5.984E+00	3.450E+01	2.598E+01	1.307E+00
2.180E+04	1.672E-03	3.527E+03	1.383E+02	2.187E+01	5.999E+00	3.551E+01	2.687E+01	1.300E+00
2.200E+04	1.653E-03	3.554E+03	1.386E+02	2.193E+01	6.011E+00	3.671E+01	2.791E+01	1.293E+00
2.220E+04	1.635E-03	3.581E+03	1.390E+02	2.199E+01	6.023E+00	3.810E+01	2.911E+01	1.286E+00
2.240E+04	1.617E-03	3.610E+03	1.393E+02	2.206E+01	6.036E+00	3.967E+01	3.046E+01	1.279E+00
2.260E+04	1.599E-03	3.639E+03	1.397E+02	2.212E+01	6.050E+00	4.142E+01	3.196E+01	1.272E+00
2.280E+04	1.581E-03	3.670E+03	1.401E+02	2.218E+01	6.064E+00	4.335E+01	3.360E+01	1.265E+00
2.300E+04	1.563E-03	3.703E+03	1.404E+02	2.225E+01	6.080E+00	4.545E+01	3.537E+01	1.258E+00
2.320E+04	1.546E-03	3.737E+03	1.409E+02	2.232E+01	6.096E+00	4.770E+01	3.726E+01	1.252E+00
2.340E+04	1.528E-03	3.773E+03	1.413E+02	2.239E+01	6.114E+00	5.010E+01	3.926E+01	1.246E+00
2.360E+04	1.511E-03	3.810E+03	1.417E+02	2.247E+01	6.132E+00	5.263E+01	4.136E+01	1.240E+00
2.380E+04	1.493E-03	3.850E+03	1.422E+02	2.255E+01	6.152E+00	5.527E+01	4.355E+01	1.235E+00
2.400E+04	1.475E-03	3.891E+03	1.426E+02	2.264E+01	6.174E+00	5.801E+01	4.581E+01	1.230E+00
2.420E+04	1.458E-03	3.935E+03	1.431E+02	2.274E+01	6.196E+00	6.084E+01	4.812E+01	1.226E+00
2.440E+04	1.440E-03	3.980E+03	1.436E+02	2.284E+01	6.220E+00	6.372E+01	5.047E+01	1.222E+00
2.460E+04	1.423E-03	4.028E+03	1.442E+02	2.295E+01	6.246E+00	6.663E+01	5.285E+01	1.218E+00
2.480E+04	1.405E-03	4.078E+03	1.447E+02	2.306E+01	6.272E+00	6.960E+01	5.524E+01	1.215E+00
2.500E+04	1.388E-03	4.130E+03	1.453E+02	2.317E+01	6.300E+00	7.257E+01	5.762E+01	1.212E+00

Table 1. Continued.

P/PO = 9.00E-01

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E+00	-1.718E+02	2.162E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E+00	-1.705E+02	2.414E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E-01	-1.690E+02	1.583E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E-01	-1.672E+02	2.719E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E-01	-1.653E+02	2.834E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E-01	-1.633E+02	2.935E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E-01	-1.612E+02	3.025E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E-01	-1.590E+02	3.106E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E-01	-1.567E+02	3.180E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E-01	-1.543E+02	3.247E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	2.236E-01	-1.519E+02	3.310E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.050E-01	-1.494E+02	3.368E+01	1.991E+00	1.000E+00	6.747E+00	5.747E+00	1.174E+00
1.300E+03	1.892E-01	-1.470E+02	3.423E+01	2.069E+00	1.000E+00	6.849E+00	5.849E+00	1.171E+00
1.400E+03	1.757E-01	-1.444E+02	3.474E+01	2.145E+00	1.000E+00	6.957E+00	5.957E+00	1.168E+00
1.500E+03	1.639E-01	-1.419E+02	3.522E+01	2.217E+00	1.000E+00	7.098E+00	6.092E+00	1.165E+00
1.600E+03	1.536E-01	-1.392E+02	3.569E+01	2.286E+00	1.000E+00	7.309E+00	6.295E+00	1.161E+00
1.700E+03	1.445E-01	-1.365E+02	3.614E+01	2.352E+00	1.001E+00	7.643E+00	6.613E+00	1.155E+00
1.800E+03	1.363E-01	-1.336E+02	3.659E+01	2.414E+00	1.002E+00	8.166E+00	7.107E+00	1.148E+00
1.900E+03	1.249E-01	-1.305E+02	3.705E+01	2.473E+00	1.004E+00	8.956E+00	7.847E+00	1.140E+00
2.000E+03	1.220E-01	-1.270E+02	3.754E+01	2.532E+00	1.008E+00	1.009E+01	8.907E+00	1.130E+00
2.100E+03	1.156E-01	-1.230E+02	3.807E+01	2.591E+00	1.013E+00	1.166E+01	1.035E+01	1.121E+00
2.200E+03	1.094E-01	-1.184E+02	3.865E+01	2.653E+00	1.021E+00	1.372E+01	1.223E+01	1.114E+00
2.300E+03	1.035E-01	-1.129E+02	3.932E+01	2.721E+00	1.033E+00	1.631E+01	1.457E+01	1.108E+00
2.400E+03	9.768E-02	-1.064E+02	4.008E+01	2.796E+00	1.049E+00	1.942E+01	1.734E+01	1.104E+00
2.500E+03	9.192E-02	-9.864E+01	4.094E+01	2.879E+00	1.070E+00	2.300E+01	2.046E+01	1.101E+00
2.600E+03	8.623E-02	-8.951E+01	4.192E+01	2.971E+00	1.097E+00	2.691E+01	2.379E+01	1.100E+00
2.700E+03	8.061E-02	-7.892E+01	4.301E+01	3.073E+00	1.130E+00	3.095E+01	2.716E+01	1.100E+00
2.800E+03	7.512E-02	-6.686E+01	4.421E+01	3.186E+00	1.169E+00	3.485E+01	3.035E+01	1.102E+00
2.900E+03	6.983E-02	-5.342E+01	4.550E+01	3.308E+00	1.215E+00	3.848E+01	3.315E+01	1.104E+00
3.000E+03	6.480E-02	-3.875E+01	4.685E+01	3.439E+00	1.265E+00	4.152E+01	3.543E+01	1.107E+00
3.100E+03	6.010E-02	-2.309E+01	4.826E+01	3.577E+00	1.320E+00	4.391E+01	3.713E+01	1.111E+00
3.200E+03	5.574E-02	-6.680E+00	4.968E+01	3.721E+00	1.379E+00	4.564E+01	3.824E+01	1.116E+00
3.300E+03	5.176E-02	1.025E+01	5.110E+01	3.870E+00	1.440E+00	4.674E+01	3.887E+01	1.120E+00
3.400E+03	4.814E-02	2.747E+01	5.251E+01	4.021E+00	1.503E+00	4.722E+01	3.898E+01	1.125E+00
3.500E+03	4.487E-02	4.475E+01	5.387E+01	4.175E+00	1.565E+00	4.701E+01	3.856E+01	1.131E+00
3.600E+03	4.195E-02	6.179E+01	5.519E+01	4.329E+00	1.629E+00	4.593E+01	3.749E+01	1.137E+00
3.700E+03	3.936E-02	7.826E+01	5.642E+01	4.482E+00	1.689E+00	4.384E+01	3.565E+01	1.143E+00
3.800E+03	3.709E-02	9.376E+01	5.755E+01	4.633E+00	1.745E+00	4.068E+01	3.302E+01	1.150E+00
3.900E+03	3.512E-02	1.079E+02	5.855E+01	4.778E+00	1.796E+00	3.664E+01	2.971E+01	1.159E+00
4.000E+03	3.343E-02	1.205E+02	5.942E+01	4.919E+00	1.839E+00	3.208E+01	2.599E+01	1.169E+00
4.100E+03	3.198E-02	1.314E+02	6.016E+01	5.055E+00	1.876E+00	2.748E+01	2.222E+01	1.181E+00
4.200E+03	3.074E-02	1.407E+02	6.077E+01	5.188E+00	1.905E+00	2.323E+01	1.871E+01	1.196E+00
4.300E+03	2.967E-02	1.485E+02	6.127E+01	5.316E+00	1.928E+00	1.957E+01	1.566E+01	1.212E+00
4.400E+03	2.874E-02	1.551E+02	6.169E+01	5.443E+00	1.945E+00	1.659E+01	1.317E+01	1.230E+00
4.500E+03	2.791E-02	1.607E+02	6.203E+01	5.566E+00	1.958E+00	1.427E+01	1.120E+01	1.250E+00
4.600E+03	2.716E-02	1.656E+02	6.233E+01	5.685E+00	1.968E+00	1.250E+01	9.708E+00	1.269E+00
4.700E+03	2.649E-02	1.699E+02	6.258E+01	5.799E+00	1.976E+00	1.119E+01	8.592E+00	1.287E+00
4.800E+03	2.586E-02	1.739E+02	6.281E+01	5.906E+00	1.981E+00	1.023E+01	7.777E+00	1.304E+00
4.900E+03	2.528E-02	1.775E+02	6.301E+01	6.004E+00	1.986E+00	9.544E+00	7.196E+00	1.317E+00
5.000E+03	2.473E-02	1.809E+02	6.320E+01	6.092E+00	1.989E+00	9.075E+00	6.801E+00	1.327E+00
5.100E+03	2.422E-02	1.841E+02	6.337E+01	6.170E+00	1.991E+00	8.785E+00	6.562E+00	1.333E+00
5.200E+03	2.373E-02	1.873E+02	6.354E+01	6.237E+00	1.994E+00	8.654E+00	6.462E+00	1.334E+00
5.300E+03	2.326E-02	1.905E+02	6.371E+01	6.291E+00	1.995E+00	8.681E+00	6.502E+00	1.331E+00
5.400E+03	2.281E-02	1.937E+02	6.387E+01	6.332E+00	1.997E+00	8.881E+00	6.698E+00	1.322E+00
5.500E+03	2.237E-02	1.970E+02	6.404E+01	6.360E+00	1.999E+00	9.290E+00	7.080E+00	1.308E+00
5.600E+03	2.195E-02	2.005E+02	6.421E+01	6.376E+00	2.001E+00	9.957E+00	7.695E+00	1.290E+00
5.700E+03	2.153E-02	2.044E+02	6.440E+01	6.382E+00	2.004E+00	1.096E+01	8.610E+00	1.268E+00
5.800E+03	2.113E-02	2.086E+02	6.460E+01	6.383E+00	2.007E+00	1.739E+01	9.908E+00	1.244E+00
5.900E+03	2.072E-02	2.135E+02	6.483E+01	6.384E+00	2.012E+00	1.437E+01	1.169E+01	1.221E+00
6.000E+03	2.031E-02	2.192E+02	6.509E+01	6.391E+00	2.018E+00	1.703E+01	1.406E+01	1.199E+00
6.100E+03	1.989E-02	2.261E+02	6.540E+01	6.407E+00	2.027E+00	2.049E+01	1.712E+01	1.180E+00
6.200E+03	1.946E-02	2.344E+02	6.577E+01	6.435E+00	2.038E+00	2.489E+01	2.097E+01	1.165E+00
6.300E+03	1.901E-02	2.444E+02	6.621E+01	6.478E+00	2.053E+00	3.030E+01	2.564E+01	1.153E+00
6.400E+03	1.854E-02	2.567E+02	6.673E+01	6.534E+00	2.073E+00	3.673E+01	3.110E+01	1.144E+00
6.500E+03	1.804E-02	2.714E+02	6.736E+01	6.605E+00	2.097E+00	4.408E+01	3.722E+01	1.138E+00
6.600E+03	1.752E-02	2.890E+02	6.809E+01	6.690E+00	2.127E+00	5.212E+01	4.379E+01	1.133E+00
6.700E+03	1.697E-02	3.097E+02	6.894E+01	6.789E+00	2.164E+00	6.050E+01	5.047E+01	1.130E+00
6.800E+03	1.640E-02	3.333E+02	6.990E+01	6.901E+00	2.206E+00	6.874E+01	5.689E+01	1.129E+00
6.900E+03	1.581E-02	3.599E+02	7.096E+01	7.025E+00	2.254E+00	7.632E+01	6.266E+01	1.128E+00
7.000E+03	1.523E-02	3.891E+02	7.210E+01	7.160E+00	2.307E+00	8.268E+01	6.739E+01	1.128E+00
7.100E+03	1.465E-02	4.202E+02	7.331E+01	7.303E+00	2.365E+00	8.736E+01	7.079E+01	1.129E+00
7.200E+03	1.409E-02	4.528E+02	7.455E+01	7.452E+00	2.425E+00	9.003E+01	7.264E+01	1.131E+00
7.300E+03	1.355E-02	4.859E+02	7.580E+01	7.605E+00	2.486E+00	9.053E+01	7.286E+01	1.133E+00
7.400E+03	1.305E-02	5.188E+02	7.702E+01	7.758E+00	2.546E+00	8.892E+01	7.152E+01	1.136E+00
7.500E+03	1.259E-02	5.508E+02	7.819E+01	7.911E+00	2.605E+00	8.547E+01	6.879E+01	1.139E+00
7.600E+03	1.217E-02	5.812E+02	7.930E+01	8.062E+00	2.660E+00	8.058E+01	6.496E+01	1.143E+00
7.700E+03	1.178E-02	6.097E+02	8.031E+01	8.208E+00	2.711E+00	7.473E+01	6.037E+01	1.147E+00
7.800E+03	1.143E-02	6.359E+02	8.124E+01	8.351E+00	2.758E+00	6.840E+01	5.538E+01	1.153E+00
7.900E+03	1.112E-02	6.597E+02	8.207E+01	8.490E+00	2.799E+00	6.201E+01	5.029E+01	1.159E+00
8.000E+03	1.084E-02	6.813E+02	8.281E+01	8.624E+00	2.836E+00	5.588E+01	4.536E+01	1.165E+00
8.200E+03	1.035E-02	7.182E+02	8.405E+01	8.881E+00	2.898E+00	4.523E+01	3.667E+01	1.180E+00

ORIGINAL PAGE IS POOR



Table 1. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	9.943E-03	7.482E+02	8.504E+01	9.125E+00	2.945E+00	3.723E+01	3.00E+01	1.197E+00
8.600E+03	9.591E-03	7.733E+02	8.585E+01	9.353E+00	2.982E+00	3.176E+01	2.545E+01	1.213E+00
8.800E+03	9.280E-03	7.952E+02	8.653E+01	9.561E+00	3.012E+00	2.837E+01	2.258E+01	1.226E+00
9.000E+03	8.996E-03	8.152E+02	8.715E+01	9.746E+00	3.038E+00	2.656E+01	2.103E+01	1.235E+00
9.200E+03	8.732E-03	8.344E+02	8.772E+01	9.910E+00	3.062E+00	2.592E+01	2.046E+01	1.240E+00
9.400E+03	8.482E-03	8.534E+02	8.828E+01	1.006E+01	3.085E+00	2.613E+01	2.061E+01	1.240E+00
9.600E+03	8.243E-03	8.728E+02	8.884E+01	1.019E+01	3.108E+00	2.697E+01	2.129E+01	1.238E+00
9.800E+03	8.012E-03	8.930E+02	8.941E+01	1.032E+01	3.132E+00	2.829E+01	2.236E+01	1.234E+00
1.000E+04	7.787E-03	9.143E+02	9.000E+01	1.045E+01	3.158E+00	2.997E+01	2.372E+01	1.230E+00
1.020E+04	7.567E-03	9.370E+02	9.061E+01	1.058E+01	3.186E+00	3.195E+01	2.531E+01	1.225E+00
1.040E+04	7.352E-03	9.611E+02	9.125E+01	1.072E+01	3.217E+00	3.416E+01	2.707E+01	1.221E+00
1.060E+04	7.141E-03	9.870E+02	9.192E+01	1.086E+01	3.249E+00	3.656E+01	2.898E+01	1.217E+00
1.080E+04	6.932E-03	1.015E+03	9.263E+01	1.100E+01	3.285E+00	3.913E+01	3.099E+01	1.213E+00
1.100E+04	6.728E-03	1.044E+03	9.337E+01	1.115E+01	3.323E+00	4.183E+01	3.309E+01	1.210E+00
1.120E+04	6.527E-03	1.076E+03	9.415E+01	1.131E+01	3.364E+00	4.464E+01	3.526E+01	1.207E+00
1.140E+04	6.330E-03	1.110E+03	9.497E+01	1.147E+01	3.408E+00	4.755E+01	3.748E+01	1.205E+00
1.160E+04	6.136E-03	1.146E+03	9.582E+01	1.164E+01	3.456E+00	5.057E+01	3.975E+01	1.202E+00
1.180E+04	5.945E-03	1.184E+03	9.671E+01	1.182E+01	3.506E+00	5.360E+01	4.205E+01	1.201E+00
1.200E+04	5.759E-03	1.224E+03	9.764E+01	1.200E+01	3.559E+00	5.672E+01	4.439E+01	1.199E+00
1.220E+04	5.576E-03	1.267E+03	9.860E+01	1.219E+01	3.615E+00	5.991E+01	4.676E+01	1.197E+00
1.240E+04	5.398E-03	1.312E+03	9.960E+01	1.238E+01	3.674E+00	6.315E+01	4.915E+01	1.196E+00
1.260E+04	5.224E-03	1.359E+03	1.006E+02	1.258E+01	3.736E+00	6.645E+01	5.158E+01	1.195E+00
1.280E+04	5.055E-03	1.409E+03	1.017E+02	1.278E+01	3.801E+00	6.978E+01	5.402E+01	1.194E+00
1.300E+04	4.890E-03	1.462E+03	1.028E+02	1.299E+01	3.869E+00	7.315E+01	5.646E+01	1.193E+00
1.320E+04	4.729E-03	1.516E+03	1.040E+02	1.321E+01	3.940E+00	7.651E+01	5.889E+01	1.193E+00
1.340E+04	4.573E-03	1.574E+03	1.051E+02	1.343E+01	4.013E+00	7.984E+01	6.127E+01	1.192E+00
1.360E+04	4.422E-03	1.633E+03	1.063E+02	1.366E+01	4.089E+00	8.307E+01	6.358E+01	1.192E+00
1.380E+04	4.276E-03	1.695E+03	1.076E+02	1.389E+01	4.168E+00	8.616E+01	6.575E+01	1.192E+00
1.400E+04	4.135E-03	1.757E+03	1.088E+02	1.412E+01	4.249E+00	8.902E+01	6.776E+01	1.192E+00
1.420E+04	3.999E-03	1.826E+03	1.101E+02	1.436E+01	4.332E+00	9.158E+01	6.953E+01	1.192E+00
1.440E+04	3.868E-03	1.893E+03	1.114E+02	1.461E+01	4.416E+00	9.375E+01	7.172E+01	1.193E+00
1.460E+04	3.742E-03	1.963E+03	1.127E+02	1.486E+01	4.501E+00	9.546E+01	7.218E+01	1.194E+00
1.480E+04	3.622E-03	2.033E+03	1.140E+02	1.511E+01	4.588E+00	9.664E+01	7.295E+01	1.195E+00
1.500E+04	3.508E-03	2.104E+03	1.153E+02	1.536E+01	4.674E+00	9.722E+01	7.330E+01	1.197E+00
1.520E+04	3.400E-03	2.175E+03	1.166E+02	1.562E+01	4.760E+00	9.717E+01	7.320E+01	1.199E+00
1.540E+04	3.297E-03	2.246E+03	1.179E+02	1.588E+01	4.844E+00	9.648E+01	7.265E+01	1.201E+00
1.560E+04	3.200E-03	2.316E+03	1.191E+02	1.613E+01	4.927E+00	9.515E+01	7.164E+01	1.203E+00
1.580E+04	3.109E-03	2.385E+03	1.203E+02	1.638E+01	5.008E+00	9.322E+01	7.021E+01	1.206E+00
1.600E+04	3.023E-03	2.453E+03	1.215E+02	1.664E+01	5.085E+00	9.074E+01	6.838E+01	1.209E+00
1.620E+04	2.942E-03	2.518E+03	1.226E+02	1.689E+01	5.160E+00	8.779E+01	6.620E+01	1.213E+00
1.640E+04	2.867E-03	2.581E+03	1.236E+02	1.713E+01	5.230E+00	8.445E+01	6.374E+01	1.217E+00
1.660E+04	2.797E-03	2.642E+03	1.247E+02	1.738E+01	5.297E+00	8.082E+01	6.105E+01	1.221E+00
1.680E+04	2.732E-03	2.700E+03	1.256E+02	1.762E+01	5.359E+00	7.700E+01	5.820E+01	1.225E+00
1.700E+04	2.670E-03	2.753E+03	1.265E+02	1.785E+01	5.418E+00	7.307E+01	5.527E+01	1.230E+00
1.720E+04	2.613E-03	2.807E+03	1.273E+02	1.809E+01	5.471E+00	6.913E+01	5.230E+01	1.236E+00
1.740E+04	2.560E-03	2.856E+03	1.281E+02	1.832E+01	5.521E+00	6.525E+01	4.936E+01	1.242E+00
1.760E+04	2.510E-03	2.902E+03	1.288E+02	1.854E+01	5.567E+00	6.149E+01	4.649E+01	1.248E+00
1.780E+04	2.464E-03	2.946E+03	1.295E+02	1.877E+01	5.608E+00	5.790E+01	4.374E+01	1.254E+00
1.800E+04	2.420E-03	2.987E+03	1.301E+02	1.899E+01	5.647E+00	5.451E+01	4.113E+01	1.261E+00
1.820E+04	2.379E-03	3.025E+03	1.307E+02	1.920E+01	5.681E+00	5.136E+01	3.869E+01	1.268E+00
1.840E+04	2.340E-03	3.062E+03	1.312E+02	1.942E+01	5.713E+00	4.745E+01	3.643E+01	1.275E+00
1.860E+04	2.303E-03	3.097E+03	1.318E+02	1.962E+01	5.741E+00	4.580E+01	3.436E+01	1.282E+00
1.880E+04	2.269E-03	3.129E+03	1.322E+02	1.983E+01	5.767E+00	4.342E+01	3.249E+01	1.289E+00
1.900E+04	2.236E-03	3.160E+03	1.327E+02	2.003E+01	5.790E+00	4.129E+01	3.082E+01	1.296E+00
1.920E+04	2.204E-03	3.190E+03	1.331E+02	2.022E+01	5.812E+00	3.941E+01	2.935E+01	1.303E+00
1.940E+04	2.174E-03	3.218E+03	1.335E+02	2.041E+01	5.831E+00	3.777E+01	2.807E+01	1.309E+00
1.960E+04	2.145E-03	3.245E+03	1.339E+02	2.059E+01	5.849E+00	3.638E+01	2.677E+01	1.314E+00
1.980E+04	2.118E-03	3.272E+03	1.342E+02	2.076E+01	5.865E+00	3.521E+01	2.606E+01	1.319E+00
2.000E+04	2.091E-03	3.297E+03	1.346E+02	2.092E+01	5.880E+00	3.426E+01	2.533E+01	1.323E+00
2.020E+04	2.066E-03	3.322E+03	1.349E+02	2.107E+01	5.894E+00	3.352E+01	2.477E+01	1.325E+00
2.040E+04	2.041E-03	3.346E+03	1.353E+02	2.121E+01	5.907E+00	3.299E+01	2.438E+01	1.327E+00
2.060E+04	2.017E-03	3.370E+03	1.356E+02	2.134E+01	5.919E+00	3.267E+01	2.416E+01	1.327E+00
2.080E+04	1.994E-03	3.394E+03	1.359E+02	2.145E+01	5.931E+00	3.253E+01	2.410E+01	1.326E+00
2.100E+04	1.971E-03	3.418E+03	1.362E+02	2.156E+01	5.943E+00	3.260E+01	2.420E+01	1.324E+00
2.120E+04	1.948E-03	3.442E+03	1.365E+02	2.166E+01	5.954E+00	3.285E+01	2.445E+01	1.321E+00
2.140E+04	1.927E-03	3.466E+03	1.367E+02	2.174E+01	5.965E+00	3.379E+01	2.487E+01	1.317E+00
2.160E+04	1.905E-03	3.491E+03	1.369E+02	2.182E+01	5.976E+00	3.475E+01	2.549E+01	1.312E+00
2.180E+04	1.884E-03	3.516E+03	1.371E+02	2.190E+01	5.987E+00	3.475E+01	2.617E+01	1.306E+00
2.200E+04	1.864E-03	3.541E+03	1.373E+02	2.196E+01	5.999E+00	3.575E+01	2.706E+01	1.300E+00
2.220E+04	1.843E-03	3.568E+03	1.381E+02	2.203E+01	6.011E+00	3.695E+01	2.809E+01	1.293E+00
2.240E+04	1.823E-03	3.596E+03	1.384E+02	2.209E+01	6.023E+00	3.832E+01	2.928E+01	1.286E+00
2.260E+04	1.803E-03	3.624E+03	1.388E+02	2.215E+01	6.036E+00	3.988E+01	3.061E+01	1.279E+00
2.280E+04	1.783E-03	3.654E+03	1.392E+02	2.221E+01	6.050E+00	4.161E+01	3.209E+01	1.272E+00
2.300E+04	1.763E-03	3.685E+03	1.395E+02	2.228E+01	6.064E+00	4.351E+01	3.370E+01	1.265E+00
2.320E+04	1.744E-03	3.718E+03	1.399E+02	2.235E+01	6.080E+00	4.557E+01	3.546E+01	1.258E+00
2.340E+04	1.724E-03	3.752E+03	1.403E+02	2.242E+01	6.096E+00	4.779E+01	3.730E+01	1.252E+00
2.360E+04	1.704E-03	3.788E+03	1.407E+02	2.249E+01	6.114E+00	5.014E+01	3.926E+01	1.246E+00
2.380E+04	1.685E-03	3.825E+03	1.412E+02	2.257E+01	6.133E+00	5.263E+01	4.132E+01	1.241E+00
2.400E+04	1.666E-03	3.865E+03	1.416E+02	2.266E+01	6.153E+00	5.522E+01	4.347E+01	1.236E+00
2.420E+04	1.646E-03	3.906E+03	1.421E+02	2.275E+01	6.174E+00	5.791E+01	4.568E+01	1.231E+00
2.440E+04	1.627E-03	3.950E+03	1.426E+02	2.284E+01	6.197E+00	6.068E+01	4.795E+01	1.227E+00
2.460E+04	1.607E-03	3.995E+03	1.431E+02	2.294E+01	6.220E+00	6.351E+01	5.025E+01	1.223E+00
2.480E+04	1.588E-03	4.043E+03	1.436E+02	2.305E+01	6.245E+00	6.639E+01	5.258E+01	1.219E+00
2.500E+04	1.569E-03	4.092E+03	1.441E+02	2.316E+01	6.272E+00	6.929E+01	5.493E+01	1.216E+00

Table I. - Continued.

P/P0 = 1.00E+00

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E+00	-1.718E+02	2.152E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E+00	-1.705E+02	2.404E+01	8.702E-01	1.000E+00	3.491E+00	2.891E+00	1.346E+00
3.000E+02	9.109E-01	-1.690E+02	2.573E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E-01	-1.672E+02	2.709E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E-01	-1.653E+02	2.824E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E-01	-1.633E+02	2.925E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E-01	-1.612E+02	3.014E+01	1.536E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E-01	-1.590E+02	3.095E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E-01	-1.567E+02	3.169E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E-01	-1.543E+02	3.237E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	2.484E-01	-1.519E+02	3.300E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.277E-01	-1.494E+02	3.358E+01	1.991E+00	1.000E+00	6.747E+00	5.747E+00	1.174E+00
1.300E+03	2.102E-01	-1.470E+02	3.412E+01	2.069E+00	1.000E+00	6.848E+00	5.848E+00	1.171E+00
1.400E+03	1.952E-01	-1.444E+02	3.463E+01	2.145E+00	1.000E+00	6.956E+00	5.956E+00	1.168E+00
1.500E+03	1.821E-01	-1.419E+02	3.512E+01	2.217E+00	1.000E+00	7.094E+00	6.088E+00	1.165E+00
1.600E+03	1.707E-01	-1.392E+02	3.558E+01	2.286E+00	1.000E+00	7.299E+00	6.286E+00	1.161E+00
1.700E+03	1.606E-01	-1.365E+02	3.603E+01	2.352E+00	1.001E+00	7.623E+00	6.594E+00	1.156E+00
1.800E+03	1.515E-01	-1.336E+02	3.648E+01	2.414E+00	1.002E+00	8.130E+00	7.073E+00	1.149E+00
1.900E+03	1.432E-01	-1.305E+02	3.694E+01	2.474E+00	1.004E+00	8.893E+00	7.789E+00	1.140E+00
2.000E+03	1.356E-01	-1.271E+02	3.742E+01	2.532E+00	1.008E+00	9.994E+00	8.814E+00	1.131E+00
2.100E+03	1.285E-01	-1.231E+02	3.795E+01	2.591E+00	1.013E+00	1.151E+01	1.021E+01	1.122E+00
2.200E+03	1.217E-01	-1.186E+02	3.852E+01	2.653E+00	1.021E+00	1.350E+01	1.203E+01	1.115E+00
2.300E+03	1.151E-01	-1.132E+02	3.918E+01	2.721E+00	1.032E+00	1.601E+01	1.430E+01	1.108E+00
2.400E+03	1.087E-01	-1.068E+02	3.992E+01	2.794E+00	1.047E+00	1.903E+01	1.698E+01	1.104E+00
2.500E+03	1.024E-01	-9.921E+01	4.077E+01	2.876E+00	1.068E+00	2.250E+01	2.002E+01	1.102E+00
2.600E+03	9.609E-02	-9.028E+01	4.172E+01	2.967E+00	1.094E+00	2.631E+01	2.317E+01	1.101E+00
2.700E+03	8.990E-02	-7.992E+01	4.279E+01	3.068E+00	1.126E+00	3.027E+01	2.658E+01	1.101E+00
2.800E+03	8.384E-02	-6.813E+01	4.396E+01	3.179E+00	1.164E+00	3.415E+01	2.973E+01	1.102E+00
2.900E+03	7.800E-02	-5.496E+01	4.522E+01	3.299E+00	1.208E+00	3.771E+01	3.252E+01	1.104E+00
3.000E+03	7.244E-02	-4.057E+01	4.656E+01	3.428E+00	1.257E+00	4.076E+01	3.482E+01	1.107E+00
3.100E+03	6.722E-02	-2.519E+01	4.793E+01	3.565E+00	1.311E+00	4.318E+01	3.655E+01	1.111E+00
3.200E+03	6.239E-02	-9.029E+00	4.933E+01	3.707E+00	1.369E+00	4.496E+01	3.772E+01	1.115E+00
3.300E+03	5.795E-02	7.663E+00	5.074E+01	3.854E+00	1.429E+00	4.612E+01	3.838E+01	1.120E+00
3.400E+03	5.392E-02	2.467E+01	5.212E+01	4.005E+00	1.451E+00	4.669E+01	3.857E+01	1.125E+00
3.500E+03	5.027E-02	4.178E+01	5.348E+01	4.157E+00	1.533E+00	4.662E+01	3.826E+01	1.130E+00
3.600E+03	4.700E-02	5.771E+01	5.478E+01	4.311E+00	1.615E+00	4.575E+01	3.735E+01	1.136E+00
3.700E+03	4.408E-02	7.516E+01	5.601E+01	4.463E+00	1.675E+00	4.393E+01	3.572E+01	1.142E+00
3.800E+03	4.152E-02	9.075E+01	5.715E+01	4.613E+00	1.732E+00	4.108E+01	3.333E+01	1.150E+00
3.900E+03	3.929E-02	1.051E+02	5.817E+01	4.759E+00	1.783E+00	3.732E+01	3.024E+01	1.158E+00
4.000E+03	3.777E-02	1.180E+02	5.906E+01	4.901E+00	1.828E+00	3.297E+01	2.669E+01	1.168E+00
4.100E+03	3.572E-02	1.293E+02	5.982E+01	5.037E+00	1.866E+00	2.846E+01	2.300E+01	1.179E+00
4.200E+03	3.430E-02	1.389E+02	6.045E+01	5.170E+00	1.897E+00	2.419E+01	1.949E+01	1.193E+00
4.300E+03	3.308E-02	1.470E+02	6.098E+01	5.299E+00	1.921E+00	2.044E+01	1.638E+01	1.208E+00
4.400E+03	3.201E-02	1.539E+02	6.141E+01	5.425E+00	1.940E+00	1.734E+01	1.378E+01	1.226E+00
4.500E+03	3.107E-02	1.598E+02	6.177E+01	5.549E+00	1.954E+00	1.488E+01	1.171E+01	1.245E+00
4.600E+03	3.023E-02	1.649E+02	6.208E+01	5.669E+00	1.965E+00	1.299E+01	1.011E+01	1.264E+00
4.700E+03	2.947E-02	1.694E+02	6.234E+01	5.783E+00	1.973E+00	1.157E+01	8.910E+00	1.282E+00
4.800E+03	2.876E-02	1.734E+02	6.257E+01	5.891E+00	1.979E+00	1.052E+01	8.021E+00	1.299E+00
4.900E+03	2.811E-02	1.771E+02	6.278E+01	5.992E+00	1.984E+00	9.763E+00	7.380E+00	1.313E+00
5.000E+03	2.750E-02	1.806E+02	6.297E+01	6.083E+00	1.986E+00	9.236E+00	6.935E+00	1.323E+00
5.100E+03	2.692E-02	1.839E+02	6.315E+01	6.164E+00	1.990E+00	8.891E+00	6.652E+00	1.330E+00
5.200E+03	2.637E-02	1.871E+02	6.332E+01	6.233E+00	1.993E+00	8.717E+00	6.512E+00	1.333E+00
5.300E+03	2.585E-02	1.903E+02	6.349E+01	6.291E+00	1.995E+00	8.697E+00	6.511E+00	1.331E+00
5.400E+03	2.535E-02	1.935E+02	6.365E+01	6.336E+00	1.996E+00	8.844E+00	6.658E+00	1.324E+00
5.500E+03	2.486E-02	1.968E+02	6.382E+01	6.368E+00	1.998E+00	9.186E+00	6.981E+00	1.312E+00
5.600E+03	2.440E-02	2.003E+02	6.399E+01	6.387E+00	2.000E+00	9.770E+00	7.520E+00	1.295E+00
5.700E+03	2.394E-02	2.040E+02	6.417E+01	6.396E+00	2.003E+00	1.066E+01	8.334E+00	1.274E+00
5.800E+03	2.349E-02	2.081E+02	6.436E+01	6.398E+00	2.006E+00	1.195E+01	9.500E+00	1.251E+00
5.900E+03	2.304E-02	2.128E+02	6.458E+01	6.400E+00	2.010E+00	1.373E+01	1.111E+01	1.228E+00
6.000E+03	2.259E-02	2.183E+02	6.483E+01	6.405E+00	2.016E+00	1.614E+01	1.326E+01	1.206E+00
6.100E+03	2.213E-02	2.247E+02	6.512E+01	6.419E+00	2.024E+00	1.929E+01	1.606E+01	1.186E+00
6.200E+03	2.167E-02	2.325E+02	6.547E+01	6.443E+00	2.034E+00	2.333E+01	1.960E+01	1.170E+00
6.300E+03	2.118E-02	2.419E+02	6.588E+01	6.481E+00	2.048E+00	2.833E+01	2.393E+01	1.157E+00
6.400E+03	2.067E-02	2.534E+02	6.637E+01	6.533E+00	2.066E+00	3.432E+01	2.905E+01	1.147E+00
6.500E+03	2.013E-02	2.672E+02	6.696E+01	6.599E+00	2.089E+00	4.125E+01	3.485E+01	1.140E+00
6.600E+03	1.956E-02	2.837E+02	6.765E+01	6.679E+00	2.116E+00	4.894E+01	4.117E+01	1.135E+00
6.700E+03	1.897E-02	3.031E+02	6.844E+01	6.772E+00	2.150E+00	5.708E+01	4.771E+01	1.132E+00
6.800E+03	1.835E-02	3.255E+02	6.935E+01	6.880E+00	2.190E+00	6.525E+01	5.413E+01	1.130E+00
6.900E+03	1.771E-02	3.508E+02	7.036E+01	6.999E+00	2.236E+00	7.296E+01	6.004E+01	1.129E+00
7.000E+03	1.707E-02	3.788E+02	7.146E+01	7.129E+00	2.287E+00	7.969E+01	6.509E+01	1.129E+00
7.100E+03	1.643E-02	4.090E+02	7.263E+01	7.268E+00	2.342E+00	8.495E+01	6.894E+01	1.130E+00
7.200E+03	1.581E-02	4.407E+02	7.384E+01	7.415E+00	2.400E+00	8.836E+01	7.135E+01	1.131E+00
7.300E+03	1.521E-02	4.734E+02	7.507E+01	7.565E+00	2.460E+00	8.971E+01	7.221E+01	1.133E+00
7.400E+03	1.465E-02	5.062E+02	7.629E+01	7.716E+00	2.521E+00	8.897E+01	7.151E+01	1.135E+00
7.500E+03	1.413E-02	5.383E+02	7.747E+01	7.871E+00	2.580E+00	8.632E+01	6.939E+01	1.138E+00
7.600E+03	1.364E-02	5.692E+02	7.858E+01	8.022E+00	2.636E+00	8.210E+01	6.608E+01	1.142E+00
7.700E+03	1.320E-02	5.983E+02	7.962E+01	8.169E+00	2.688E+00	7.674E+01	5.193E+01	1.146E+00
7.800E+03	1.280E-02	6.253E+02	8.058E+01	8.313E+00	2.736E+00	7.071E+01	5.714E+01	1.151E+00
7.900E+03	1.244E-02	6.500E+02	8.144E+01	8.453E+00	2.780E+00	6.444E+01	5.218E+01	1.157E+00
8.000E+03	1.212E-02	6.725E+02	8.221E+01	8.589E+00	2.819E+00	5.830E+01	4.726E+01	1.163E+00
8.200E+03	1.156E-02	7.110E+02	8.351E+01	8.849E+00	2.883E+00	4.732E+01	3.835E+01	1.177E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.109E-02	7.424E+02	8.454E+01	9.095E+00	2.933E+00	3.881E+01	3.133E+01	1.193E+00
8.600E+03	1.089E-02	7.685E+02	8.538E+01	9.326E+00	2.972E+00	3.283E+01	2.633E+01	1.210E+00
8.800E+03	1.034E-02	7.910E+02	8.609E+01	9.539E+00	3.004E+00	2.900E+01	2.309E+01	1.224E+00
9.000E+03	1.002E-02	8.113E+02	8.671E+01	9.731E+00	3.030E+00	2.683E+01	2.124E+01	1.234E+00
9.200E+03	9.724E-03	8.306E+02	8.729E+01	9.900E+00	3.055E+00	2.589E+01	2.043E+01	1.240E+00
9.400E+03	9.446E-03	8.495E+02	8.784E+01	1.005E+01	3.078E+00	2.584E+01	2.039E+01	1.241E+00
9.600E+03	9.181E-03	8.686E+02	8.839E+01	1.019E+01	3.100E+00	2.651E+01	2.090E+01	1.240E+00
9.800E+03	8.925E-03	8.884E+02	8.895E+01	1.032E+01	3.124E+00	2.765E+01	2.183E+01	1.237E+00
1.000E+04	8.677E-03	9.092E+02	8.953E+01	1.045E+01	3.149E+00	2.919E+01	2.307E+01	1.232E+00
1.020E+04	8.435E-03	9.312E+02	9.012E+01	1.058E+01	3.176E+00	3.103E+01	2.455E+01	1.228E+00
1.040E+04	8.197E-03	9.547E+02	9.074E+01	1.071E+01	3.205E+00	3.312E+01	2.622E+01	1.224E+00
1.060E+04	7.965E-03	9.798E+02	9.140E+01	1.085E+01	3.237E+00	3.541E+01	2.804E+01	1.219E+00
1.080E+04	7.736E-03	1.007E+03	9.208E+01	1.099E+01	3.271E+00	3.787E+01	2.997E+01	1.216E+00
1.100E+04	7.511E-03	1.035E+03	9.280E+01	1.114E+01	3.308E+00	4.047E+01	3.200E+01	1.212E+00
1.120E+04	7.289E-03	1.066E+03	9.355E+01	1.129E+01	3.347E+00	4.318E+01	3.410E+01	1.209E+00
1.140E+04	7.072E-03	1.099E+03	9.434E+01	1.145E+01	3.390E+00	4.600E+01	3.625E+01	1.207E+00
1.160E+04	6.858E-03	1.133E+03	9.517E+01	1.162E+01	3.435E+00	4.890E+01	3.846E+01	1.204E+00
1.180E+04	6.648E-03	1.170E+03	9.603E+01	1.179E+01	3.483E+00	5.188E+01	4.071E+01	1.202E+00
1.200E+04	6.443E-03	1.209E+03	9.692E+01	1.197E+01	3.535E+00	5.492E+01	4.299E+01	1.201E+00
1.220E+04	6.241E-03	1.251E+03	9.786E+01	1.215E+01	3.589E+00	5.803E+01	4.530E+01	1.199E+00
1.240E+04	6.044E-03	1.294E+03	9.883E+01	1.234E+01	3.646E+00	6.119E+01	4.764E+01	1.198E+00
1.260E+04	5.852E-03	1.340E+03	9.983E+01	1.254E+01	3.706E+00	6.441E+01	5.001E+01	1.197E+00
1.280E+04	5.664E-03	1.389E+03	1.009E+02	1.274E+01	3.769E+00	6.767E+01	5.239E+01	1.195E+00
1.300E+04	5.482E-03	1.439E+03	1.019E+02	1.294E+01	3.835E+00	7.096E+01	5.479E+01	1.195E+00
1.320E+04	5.304E-03	1.493E+03	1.031E+02	1.315E+01	3.903E+00	7.426E+01	5.718E+01	1.194E+00
1.340E+04	5.131E-03	1.548E+03	1.042E+02	1.337E+01	3.975E+00	7.755E+01	5.953E+01	1.193E+00
1.360E+04	4.963E-03	1.606E+03	1.054E+02	1.359E+01	4.048E+00	8.076E+01	6.183E+01	1.193E+00
1.380E+04	4.801E-03	1.666E+03	1.066E+02	1.382E+01	4.125E+00	8.387E+01	6.403E+01	1.193E+00
1.400E+04	4.643E-03	1.729E+03	1.078E+02	1.405E+01	4.204E+00	8.679E+01	6.608E+01	1.193E+00
1.420E+04	4.492E-03	1.793E+03	1.090E+02	1.429E+01	4.284E+00	8.945E+01	6.793E+01	1.193E+00
1.440E+04	4.346E-03	1.860E+03	1.103E+02	1.453E+01	4.367E+00	9.178E+01	6.954E+01	1.194E+00
1.460E+04	4.205E-03	1.928E+03	1.116E+02	1.478E+01	4.451E+00	9.371E+01	7.085E+01	1.195E+00
1.480E+04	4.071E-03	1.997E+03	1.129E+02	1.503E+01	4.536E+00	9.516E+01	7.181E+01	1.196E+00
1.500E+04	3.943E-03	2.067E+03	1.142E+02	1.528E+01	4.621E+00	9.606E+01	7.239E+01	1.197E+00
1.520E+04	3.820E-03	2.137E+03	1.154E+02	1.553E+01	4.706E+00	9.638E+01	7.255E+01	1.199E+00
1.540E+04	3.704E-03	2.208E+03	1.167E+02	1.579E+01	4.790E+00	9.608E+01	7.228E+01	1.201E+00
1.560E+04	3.595E-03	2.278E+03	1.179E+02	1.604E+01	4.873E+00	9.517E+01	7.157E+01	1.203E+00
1.580E+04	3.491E-03	2.347E+03	1.191E+02	1.629E+01	4.954E+00	9.365E+01	7.043E+01	1.206E+00
1.600E+04	3.394E-03	2.415E+03	1.203E+02	1.654E+01	5.033E+00	9.157E+01	6.839E+01	1.208E+00
1.620E+04	3.302E-03	2.481E+03	1.214E+02	1.679E+01	5.108E+00	8.899E+01	6.699E+01	1.212E+00
1.640E+04	3.216E-03	2.545E+03	1.225E+02	1.704E+01	5.180E+00	8.598E+01	6.477E+01	1.215E+00
1.660E+04	3.136E-03	2.607E+03	1.235E+02	1.729E+01	5.249E+00	8.263E+01	6.230E+01	1.219E+00
1.680E+04	3.061E-03	2.666E+03	1.245E+02	1.753E+01	5.314E+00	7.903E+01	5.963E+01	1.223E+00
1.700E+04	2.991E-03	2.723E+03	1.254E+02	1.777E+01	5.374E+00	7.527E+01	5.683E+01	1.228E+00
1.720E+04	2.926E-03	2.776E+03	1.263E+02	1.800E+01	5.430E+00	7.144E+01	5.396E+01	1.233E+00
1.740E+04	2.865E-03	2.827E+03	1.271E+02	1.823E+01	5.482E+00	6.761E+01	5.108E+01	1.239E+00
1.760E+04	2.807E-03	2.875E+03	1.278E+02	1.846E+01	5.531E+00	6.386E+01	4.824E+01	1.244E+00
1.780E+04	2.754E-03	2.921E+03	1.285E+02	1.868E+01	5.575E+00	6.023E+01	4.547E+01	1.251E+00
1.800E+04	2.704E-03	2.964E+03	1.292E+02	1.890E+01	5.615E+00	5.678E+01	4.283E+01	1.257E+00
1.820E+04	2.657E-03	3.004E+03	1.298E+02	1.912E+01	5.652E+00	5.353E+01	4.033E+01	1.264E+00
1.840E+04	2.612E-03	3.042E+03	1.303E+02	1.934E+01	5.686E+00	5.051E+01	3.799E+01	1.270E+00
1.860E+04	2.570E-03	3.078E+03	1.309E+02	1.955E+01	5.716E+00	4.773E+01	3.583E+01	1.277E+00
1.880E+04	2.531E-03	3.112E+03	1.314E+02	1.975E+01	5.744E+00	4.520E+01	3.386E+01	1.284E+00
1.900E+04	2.493E-03	3.144E+03	1.318E+02	1.995E+01	5.769E+00	4.293E+01	3.208E+01	1.291E+00
1.920E+04	2.457E-03	3.175E+03	1.323E+02	2.015E+01	5.792E+00	4.089E+01	3.049E+01	1.298E+00
1.940E+04	2.423E-03	3.204E+03	1.327E+02	2.034E+01	5.813E+00	3.911E+01	2.909E+01	1.304E+00
1.960E+04	2.391E-03	3.232E+03	1.331E+02	2.052E+01	5.832E+00	3.756E+01	2.788E+01	1.310E+00
1.980E+04	2.359E-03	3.259E+03	1.335E+02	2.070E+01	5.849E+00	3.623E+01	2.684E+01	1.315E+00
2.000E+04	2.329E-03	3.285E+03	1.338E+02	2.087E+01	5.866E+00	3.513E+01	2.599E+01	1.320E+00
2.020E+04	2.301E-03	3.311E+03	1.342E+02	2.103E+01	5.890E+00	3.424E+01	2.531E+01	1.323E+00
2.040E+04	2.273E-03	3.336E+03	1.345E+02	2.117E+01	5.894E+00	3.356E+01	2.479E+01	1.325E+00
2.060E+04	2.246E-03	3.360E+03	1.348E+02	2.131E+01	5.907E+00	3.308E+01	2.444E+01	1.327E+00
2.080E+04	2.219E-03	3.384E+03	1.351E+02	2.144E+01	5.920E+00	3.280E+01	2.426E+01	1.327E+00
2.100E+04	2.194E-03	3.408E+03	1.355E+02	2.155E+01	5.932E+00	3.270E+01	2.423E+01	1.325E+00
2.120E+04	2.169E-03	3.432E+03	1.358E+02	2.166E+01	5.943E+00	3.280E+01	2.436E+01	1.323E+00
2.140E+04	2.145E-03	3.456E+03	1.361E+02	2.175E+01	5.954E+00	3.309E+01	2.464E+01	1.320E+00
2.160E+04	2.121E-03	3.481E+03	1.364E+02	2.184E+01	5.966E+00	3.356E+01	2.508E+01	1.316E+00
2.180E+04	2.097E-03	3.505E+03	1.367E+02	2.192E+01	5.977E+00	3.421E+01	2.567E+01	1.310E+00
2.200E+04	2.074E-03	3.531E+03	1.370E+02	2.199E+01	5.988E+00	3.505E+01	2.642E+01	1.305E+00
2.220E+04	2.052E-03	3.557E+03	1.373E+02	2.206E+01	6.000E+00	3.607E+01	2.731E+01	1.298E+00
2.240E+04	2.029E-03	3.584E+03	1.377E+02	2.212E+01	6.012E+00	3.728E+01	2.835E+01	1.292E+00
2.260E+04	2.007E-03	3.611E+03	1.380E+02	2.218E+01	6.024E+00	3.866E+01	2.954E+01	1.285E+00
2.280E+04	1.985E-03	3.640E+03	1.383E+02	2.225E+01	6.038E+00	4.021E+01	3.088E+01	1.278E+00
2.300E+04	1.963E-03	3.670E+03	1.387E+02	2.231E+01	6.051E+00	4.194E+01	3.234E+01	1.271E+00
2.320E+04	1.942E-03	3.702E+03	1.391E+02	2.237E+01	6.066E+00	4.383E+01	3.395E+01	1.264E+00
2.340E+04	1.920E-03	3.735E+03	1.395E+02	2.244E+01	6.082E+00	4.588E+01	3.567E+01	1.258E+00
2.360E+04	1.899E-03	3.768E+03	1.399E+02	2.251E+01	6.098E+00	4.808E+01	3.751E+01	1.252E+00
2.380E+04	1.877E-03	3.805E+03	1.403E+02	2.259E+01	6.116E+00	5.041E+01	3.945E+01	1.246E+00
2.400E+04	1.856E-03	3.843E+03	1.407E+02	2.267E+01	6.135E+00	5.284E+01	4.148E+01	1.241E+00
2.420E+04	1.835E-03	3.882E+03	1.412E+02	2.276E+01	6.155E+00	5.542E+01	4.360E+01	1.236E+00
2.440E+04	1.813E-03	3.924E+03	1.416E+02	2.285E+01	6.176E+00	5.807E+01	4.577E+01	1.231E+00
2.460E+04	1.792E-03	3.967E+03	1.421E+02	2.294E+01	6.199E+00	6.080E+01	4.800E+01	1.227E+00
2.480E+04	1.771E-03	4.013E+03	1.426E+02	2.304E+01	6.223E+00	6.359E+01	5.027E+01	1.223E+00
2.500E+04	1.750E-03	4.061E+03	1.431E+02	2.315E+01	6.248E+00	6.642E+01	5.257E+01	1.220E+00

Table I. - Continued.

P/P0 = 2.00E+00

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E+00	-1.718E+02	2.082E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E+00	-1.705E+02	2.335E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E+00	-1.690E+02	2.503E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E+00	-1.672E+02	2.639E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.093E+00	-1.653E+02	2.754E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E-01	-1.633E+02	2.855E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E-01	-1.612E+02	2.945E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E-01	-1.590E+02	3.026E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E-01	-1.567E+02	3.100E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E-01	-1.543E+02	3.168E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	4.969E-01	-1.519E+02	3.230E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	4.554E-01	-1.494E+02	3.288E+01	1.991E+00	1.000E+00	6.746E+00	5.746E+00	1.174E+00
1.300E+03	4.204E-01	-1.470E+02	3.343E+01	2.070E+00	1.000E+00	6.845E+00	5.845E+00	1.171E+00
1.400E+03	3.904E-01	-1.444E+02	3.394E+01	2.145E+00	1.000E+00	6.946E+00	5.946E+00	1.168E+00
1.500E+03	3.643E-01	-1.419E+02	3.442E+01	2.218E+00	1.000E+00	7.048E+00	6.048E+00	1.166E+00
1.600E+03	3.415E-01	-1.392E+02	3.488E+01	2.287E+00	1.000E+00	7.243E+00	6.232E+00	1.162E+00
1.700E+03	3.212E-01	-1.366E+02	3.533E+01	2.354E+00	1.001E+00	7.510E+00	6.487E+00	1.157E+00
1.800E+03	3.031E-01	-1.337E+02	3.577E+01	2.417E+00	1.002E+00	7.920E+00	6.875E+00	1.151E+00
1.900E+03	2.867E-01	-1.307E+02	3.621E+01	2.477E+00	1.003E+00	8.534E+00	7.452E+00	1.144E+00
2.000E+03	2.716E-01	-1.275E+02	3.667E+01	2.535E+00	1.006E+00	9.417E+00	8.274E+00	1.136E+00
2.100E+03	2.576E-01	-1.238E+02	3.716E+01	2.594E+00	1.010E+00	1.063E+01	9.397E+00	1.127E+00
2.200E+03	2.444E-01	-1.196E+02	3.769E+01	2.654E+00	1.017E+00	1.223E+01	1.086E+01	1.120E+00
2.300E+03	2.317E-01	-1.148E+02	3.828E+01	2.718E+00	1.025E+00	1.425E+01	1.269E+01	1.113E+00
2.400E+03	2.194E-01	-1.091E+02	3.893E+01	2.787E+00	1.038E+00	1.670E+01	1.489E+01	1.109E+00
2.500E+03	2.074E-01	-1.025E+02	3.967E+01	2.863E+00	1.054E+00	1.956E+01	1.741E+01	1.105E+00
2.600E+03	1.955E-01	-9.477E+01	4.050E+01	2.946E+00	1.075E+00	2.276E+01	2.017E+01	1.104E+00
2.700E+03	1.838E-01	-8.582E+01	4.142E+01	3.038E+00	1.101E+00	2.616E+01	2.305E+01	1.103E+00
2.800E+03	1.723E-01	-7.560E+01	4.244E+01	3.138E+00	1.133E+00	2.962E+01	2.590E+01	1.104E+00
2.900E+03	1.611E-01	-6.414E+01	4.354E+01	3.248E+00	1.170E+00	3.294E+01	2.856E+01	1.105E+00
3.000E+03	1.504E-01	-5.152E+01	4.470E+01	3.365E+00	1.211E+00	3.595E+01	3.089E+01	1.108E+00
3.100E+03	1.402E-01	-3.788E+01	4.593E+01	3.491E+00	1.258E+00	3.849E+01	3.278E+01	1.111E+00
3.200E+03	1.306E-01	-2.340E+01	4.718E+01	3.623E+00	1.308E+00	4.051E+01	3.420E+01	1.115E+00
3.300E+03	1.217E-01	-8.276E+00	4.845E+01	3.760E+00	1.361E+00	4.199E+01	3.515E+01	1.119E+00
3.400E+03	1.135E-01	7.294E+00	4.972E+01	3.901E+00	1.416E+00	4.298E+01	3.570E+01	1.123E+00
3.500E+03	1.060E-01	2.314E+01	5.098E+01	4.045E+00	1.473E+00	4.350E+01	3.587E+01	1.128E+00
3.600E+03	9.920E-02	3.909E+01	5.220E+01	4.191E+00	1.530E+00	4.355E+01	3.568E+01	1.133E+00
3.700E+03	9.304E-02	5.497E+01	5.339E+01	4.338E+00	1.588E+00	4.305E+01	3.506E+01	1.139E+00
3.800E+03	8.749E-02	7.053E+01	5.453E+01	4.485E+00	1.644E+00	4.186E+01	3.394E+01	1.145E+00
3.900E+03	8.254E-02	8.553E+01	5.559E+01	4.631E+00	1.698E+00	3.992E+01	3.226E+01	1.151E+00
4.000E+03	7.816E-02	9.967E+01	5.657E+01	4.774E+00	1.748E+00	3.721E+01	3.000E+01	1.159E+00
4.100E+03	7.432E-02	1.127E+02	5.745E+01	4.914E+00	1.794E+00	3.387E+01	2.727E+01	1.167E+00
4.200E+03	7.097E-02	1.244E+02	5.822E+01	5.049E+00	1.834E+00	3.016E+01	2.425E+01	1.177E+00
4.300E+03	6.806E-02	1.348E+02	5.888E+01	5.180E+00	1.867E+00	2.639E+01	2.118E+01	1.188E+00
4.400E+03	6.553E-02	1.438E+02	5.945E+01	5.308E+00	1.895E+00	2.283E+01	1.826E+01	1.201E+00
4.500E+03	6.332E-02	1.515E+02	5.993E+01	5.432E+00	1.918E+00	1.907E+01	1.566E+01	1.218E+00
4.600E+03	6.137E-02	1.582E+02	6.033E+01	5.553E+00	1.936E+00	1.701E+01	1.344E+01	1.231E+00
4.700E+03	5.964E-02	1.641E+02	6.067E+01	5.672E+00	1.950E+00	1.484E+01	1.163E+01	1.248E+00
4.800E+03	5.807E-02	1.692E+02	6.096E+01	5.786E+00	1.961E+00	1.313E+01	1.020E+01	1.265E+00
4.900E+03	5.664E-02	1.737E+02	6.122E+01	5.896E+00	1.969E+00	1.181E+01	9.088E+00	1.281E+00
5.000E+03	5.533E-02	1.779E+02	6.145E+01	6.000E+00	1.976E+00	1.081E+01	8.246E+00	1.296E+00
5.100E+03	5.410E-02	1.817E+02	6.165E+01	6.097E+00	1.981E+00	1.007E+01	7.625E+00	1.308E+00
5.200E+03	5.295E-02	1.853E+02	6.184E+01	6.185E+00	1.985E+00	9.541E+00	7.186E+00	1.318E+00
5.300E+03	5.187E-02	1.887E+02	6.202E+01	6.264E+00	1.988E+00	9.196E+00	6.903E+00	1.324E+00
5.400E+03	5.084E-02	1.920E+02	6.219E+01	6.332E+00	1.991E+00	9.013E+00	6.761E+00	1.326E+00
5.500E+03	4.986E-02	1.953E+02	6.236E+01	6.389E+00	1.993E+00	8.989E+00	6.759E+00	1.324E+00
5.600E+03	4.892E-02	1.986E+02	6.252E+01	6.434E+00	1.995E+00	9.133E+00	6.905E+00	1.317E+00
5.700E+03	4.801E-02	2.020E+02	6.269E+01	6.466E+00	1.997E+00	9.470E+00	7.223E+00	1.306E+00
5.800E+03	4.713E-02	2.056E+02	6.285E+01	6.487E+00	2.000E+00	1.004E+01	7.746E+00	1.290E+00
5.900E+03	4.626E-02	2.094E+02	6.303E+01	6.500E+00	2.002E+00	1.089E+01	8.523E+00	1.271E+00
6.000E+03	4.541E-02	2.136E+02	6.323E+01	6.506E+00	2.006E+00	1.210E+01	9.614E+00	1.250E+00
6.100E+03	4.457E-02	2.183E+02	6.344E+01	6.512E+00	2.010E+00	1.374E+01	1.109E+01	1.229E+00
6.200E+03	4.373E-02	2.237E+02	6.368E+01	6.521E+00	2.016E+00	1.592E+01	1.303E+01	1.209E+00
6.300E+03	4.287E-02	2.300E+02	6.396E+01	6.537E+00	2.023E+00	1.872E+01	1.551E+01	1.191E+00
6.400E+03	4.200E-02	2.375E+02	6.428E+01	6.562E+00	2.033E+00	2.225E+01	1.860E+01	1.176E+00
6.500E+03	4.110E-02	2.464E+02	6.465E+01	6.599E+00	2.046E+00	2.657E+01	2.233E+01	1.164E+00
6.600E+03	4.016E-02	2.571E+02	6.510E+01	6.647E+00	2.062E+00	3.170E+01	2.670E+01	1.154E+00
6.700E+03	3.917E-02	2.698E+02	6.562E+01	6.709E+00	2.082E+00	3.761E+01	3.165E+01	1.147E+00
6.800E+03	3.814E-02	2.847E+02	6.622E+01	6.783E+00	2.107E+00	4.416E+01	3.704E+01	1.141E+00
6.900E+03	3.707E-02	3.021E+02	6.692E+01	6.869E+00	2.137E+00	5.115E+01	4.268E+01	1.138E+00
7.000E+03	3.595E-02	3.222E+02	6.771E+01	6.968E+00	2.172E+00	5.829E+01	4.831E+01	1.135E+00
7.100E+03	3.480E-02	3.448E+02	6.858E+01	7.078E+00	2.212E+00	6.522E+01	5.365E+01	1.134E+00
7.200E+03	3.363E-02	3.699E+02	6.954E+01	7.199E+00	2.257E+00	7.154E+01	5.842E+01	1.134E+00
7.300E+03	3.246E-02	3.971E+02	7.056E+01	7.328E+00	2.306E+00	7.687E+01	6.235E+01	1.134E+00
7.400E+03	3.131E-02	4.260E+02	7.164E+01	7.465E+00	2.359E+00	8.041E+01	6.523E+01	1.135E+00
7.500E+03	3.019E-02	4.561E+02	7.274E+01	7.607E+00	2.414E+00	8.332E+01	6.691E+01	1.136E+00
7.600E+03	2.912E-02	4.868E+02	7.385E+01	7.753E+00	2.470E+00	8.409E+01	6.734E+01	1.137E+00
7.700E+03	2.810E-02	5.175E+02	7.495E+01	7.900E+00	2.526E+00	8.319E+01	6.654E+01	1.138E+00
7.800E+03	2.716E-02	5.475E+02	7.601E+01	8.048E+00	2.580E+00	8.080E+01	6.462E+01	1.139E+00
7.900E+03	2.628E-02	5.765E+02	7.702E+01	8.193E+00	2.632E+00	7.716E+01	6.177E+01	1.140E+00
8.000E+03	2.548E-02	6.039E+02	7.796E+01	8.336E+00	2.681E+00	7.260E+01	5.821E+01	1.142E+00
8.200E+03	2.408E-02	6.533E+02	7.962E+01	8.613E+00	2.768E+00	6.212E+01	4.997E+01	1.162E+00

Table I.- Continued.

T	RHO/RHO-0	H/R/0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	2.292E-02	6.949E+02	8.099E+01	8.874E+00	2.839E+00	5.171E+01	4.166E+01	1.174E+00
8.600E+03	2.195E-02	7.294E+02	8.210E+01	9.123E+00	2.895E+00	4.282E+01	3.445E+01	1.188E+00
8.800E+03	2.113E-02	7.581E+02	8.300E+01	9.360E+00	2.940E+00	3.598E+01	2.881E+01	1.204E+00
9.000E+03	2.041E-02	7.826E+02	8.376E+01	9.582E+00	2.975E+00	3.111E+01	2.475E+01	1.219E+00
9.200E+03	1.977E-02	8.041E+02	8.440E+01	9.787E+00	3.004E+00	2.1792E+01	2.207E+01	1.232E+00
9.400E+03	1.919E-02	8.238E+02	8.498E+01	9.973E+00	3.030E+00	2.604E+01	2.048E+01	1.241E+00
9.600E+03	1.865E-02	8.424E+02	8.552E+01	1.014E+01	3.053E+00	2.517E+01	1.973E+01	1.247E+00
9.800E+03	1.814E-02	8.608E+02	8.603E+01	1.029E+01	3.075E+00	2.505E+01	1.961E+01	1.249E+00
1.000E+04	1.765E-02	8.793E+02	8.654E+01	1.043E+01	3.096E+00	2.550E+01	1.997E+01	1.248E+00
1.020E+04	1.718E-02	8.982E+02	8.706E+01	1.056E+01	3.118E+00	2.638E+01	2.068E+01	1.245E+00
1.040E+04	1.673E-02	9.180E+02	8.758E+01	1.068E+01	3.141E+00	2.761E+01	2.167E+01	1.242E+00
1.060E+04	1.629E-02	9.387E+02	8.812E+01	1.081E+01	3.166E+00	2.911E+01	2.287E+01	1.238E+00
1.080E+04	1.585E-02	9.607E+02	8.868E+01	1.094E+01	3.192E+00	3.063E+01	2.424E+01	1.233E+00
1.100E+04	1.543E-02	9.839E+02	8.926E+01	1.107E+01	3.220E+00	3.273E+01	2.574E+01	1.229E+00
1.120E+04	1.501E-02	1.009E+03	8.987E+01	1.120E+01	3.251E+00	3.479E+01	2.736E+01	1.225E+00
1.140E+04	1.460E-02	1.035E+03	9.051E+01	1.134E+01	3.283E+00	3.698E+01	2.907E+01	1.222E+00
1.160E+04	1.420E-02	1.063E+03	9.117E+01	1.149E+01	3.318E+00	3.929E+01	3.085E+01	1.219E+00
1.180E+04	1.380E-02	1.092E+03	9.186E+01	1.164E+01	3.355E+00	4.170E+01	3.270E+01	1.216E+00
1.200E+04	1.342E-02	1.124E+03	9.258E+01	1.179E+01	3.395E+00	4.419E+01	3.460E+01	1.214E+00
1.220E+04	1.303E-02	1.157E+03	9.333E+01	1.195E+01	3.437E+00	4.676E+01	3.654E+01	1.211E+00
1.240E+04	1.264E-02	1.192E+03	9.412E+01	1.212E+01	3.482E+00	4.940E+01	3.852E+01	1.209E+00
1.260E+04	1.229E-02	1.230E+03	9.493E+01	1.229E+01	3.529E+00	5.211E+01	4.053E+01	1.208E+00
1.280E+04	1.193E-02	1.269E+03	9.577E+01	1.247E+01	3.579E+00	5.487E+01	4.257E+01	1.206E+00
1.300E+04	1.158E-02	1.310E+03	9.664E+01	1.265E+01	3.632E+00	5.768E+01	4.464E+01	1.205E+00
1.320E+04	1.123E-02	1.353E+03	9.754E+01	1.284E+01	3.687E+00	6.053E+01	4.672E+01	1.204E+00
1.340E+04	1.089E-02	1.399E+03	9.846E+01	1.303E+01	3.744E+00	6.341E+01	4.881E+01	1.202E+00
1.360E+04	1.056E-02	1.446E+03	9.944E+01	1.322E+01	3.804E+00	6.631E+01	5.090E+01	1.202E+00
1.380E+04	1.024E-02	1.496E+03	1.004E+02	1.343E+01	3.867E+00	6.921E+01	5.298E+01	1.201E+00
1.400E+04	9.929E-03	1.547E+03	1.014E+02	1.363E+01	3.932E+00	7.209E+01	5.503E+01	1.200E+00
1.420E+04	9.625E-03	1.601E+03	1.025E+02	1.384E+01	3.999E+00	7.492E+01	5.703E+01	1.200E+00
1.440E+04	9.329E-03	1.657E+03	1.036E+02	1.406E+01	4.068E+00	7.766E+01	5.895E+01	1.200E+00
1.460E+04	9.043E-03	1.715E+03	1.046E+02	1.428E+01	4.140E+00	8.026E+01	6.077E+01	1.200E+00
1.480E+04	8.765E-03	1.775E+03	1.058E+02	1.451E+01	4.213E+00	8.269E+01	6.244E+01	1.200E+00
1.500E+04	8.497E-03	1.836E+03	1.069E+02	1.474E+01	4.288E+00	8.488E+01	6.394E+01	1.200E+00
1.520E+04	8.239E-03	1.899E+03	1.080E+02	1.497E+01	4.364E+00	8.678E+01	6.523E+01	1.201E+00
1.540E+04	7.990E-03	1.963E+03	1.092E+02	1.521E+01	4.442E+00	8.835E+01	6.628E+01	1.202E+00
1.560E+04	7.751E-03	2.028E+03	1.103E+02	1.545E+01	4.520E+00	8.954E+01	6.705E+01	1.203E+00
1.580E+04	7.523E-03	2.094E+03	1.115E+02	1.569E+01	4.598E+00	9.030E+01	6.752E+01	1.205E+00
1.600E+04	7.305E-03	2.160E+03	1.126E+02	1.593E+01	4.676E+00	9.060E+01	6.767E+01	1.206E+00
1.620E+04	7.097E-03	2.227E+03	1.137E+02	1.618E+01	4.754E+00	9.043E+01	6.749E+01	1.208E+00
1.640E+04	6.899E-03	2.293E+03	1.148E+02	1.642E+01	4.830E+00	8.979E+01	6.698E+01	1.210E+00
1.660E+04	6.712E-03	2.358E+03	1.159E+02	1.667E+01	4.905E+00	8.868E+01	6.614E+01	1.212E+00
1.680E+04	6.535E-03	2.422E+03	1.170E+02	1.691E+01	4.978E+00	8.713E+01	6.499E+01	1.215E+00
1.700E+04	6.367E-03	2.485E+03	1.180E+02	1.715E+01	5.049E+00	8.517E+01	6.355E+01	1.218E+00
1.720E+04	6.209E-03	2.547E+03	1.190E+02	1.739E+01	5.117E+00	8.286E+01	6.186E+01	1.221E+00
1.740E+04	6.061E-03	2.607E+03	1.199E+02	1.763E+01	5.183E+00	8.024E+01	5.994E+01	1.225E+00
1.760E+04	5.921E-03	2.564E+03	1.208E+02	1.786E+01	5.245E+00	7.739E+01	5.785E+01	1.229E+00
1.780E+04	5.790E-03	2.720E+03	1.217E+02	1.809E+01	5.303E+00	7.436E+01	5.562E+01	1.233E+00
1.800E+04	5.666E-03	2.773E+03	1.225E+02	1.832E+01	5.359E+00	7.122E+01	5.330E+01	1.237E+00
1.820E+04	5.550E-03	2.824E+03	1.232E+02	1.855E+01	5.411E+00	6.803E+01	5.093E+01	1.242E+00
1.840E+04	5.441E-03	2.873E+03	1.240E+02	1.877E+01	5.459E+00	6.485E+01	4.855E+01	1.247E+00
1.860E+04	5.338E-03	2.919E+03	1.247E+02	1.899E+01	5.504E+00	6.171E+01	4.619E+01	1.252E+00
1.880E+04	5.242E-03	2.963E+03	1.253E+02	1.920E+01	5.546E+00	5.866E+01	4.390E+01	1.257E+00
1.900E+04	5.151E-03	3.005E+03	1.259E+02	1.942E+01	5.585E+00	5.574E+01	4.169E+01	1.263E+00
1.920E+04	5.065E-03	3.045E+03	1.265E+02	1.963E+01	5.621E+00	5.297E+01	3.958E+01	1.269E+00
1.940E+04	4.983E-03	3.083E+03	1.270E+02	1.983E+01	5.653E+00	5.036E+01	3.759E+01	1.275E+00
1.960E+04	4.906E-03	3.119E+03	1.275E+02	2.004E+01	5.684E+00	4.795E+01	3.574E+01	1.281E+00
1.980E+04	4.833E-03	3.153E+03	1.280E+02	2.023E+01	5.711E+00	4.572E+01	3.403E+01	1.287E+00
2.000E+04	4.763E-03	3.186E+03	1.284E+02	2.043E+01	5.737E+00	4.369E+01	3.247E+01	1.293E+00
2.020E+04	4.697E-03	3.217E+03	1.289E+02	2.062E+01	5.761E+00	4.186E+01	3.105E+01	1.299E+00
2.040E+04	4.633E-03	3.247E+03	1.293E+02	2.080E+01	5.782E+00	4.023E+01	2.980E+01	1.304E+00
2.060E+04	4.573E-03	3.276E+03	1.297E+02	2.098E+01	5.802E+00	3.879E+01	2.869E+01	1.309E+00
2.080E+04	4.514E-03	3.304E+03	1.300E+02	2.115E+01	5.821E+00	3.755E+01	2.773E+01	1.313E+00
2.100E+04	4.458E-03	3.331E+03	1.304E+02	2.131E+01	5.838E+00	3.649E+01	2.693E+01	1.317E+00
2.120E+04	4.404E-03	3.358E+03	1.307E+02	2.147E+01	5.854E+00	3.562E+01	2.627E+01	1.320E+00
2.140E+04	4.352E-03	3.383E+03	1.310E+02	2.161E+01	5.869E+00	3.493E+01	2.575E+01	1.322E+00
2.160E+04	4.301E-03	3.409E+03	1.314E+02	2.175E+01	5.883E+00	3.441E+01	2.538E+01	1.324E+00
2.180E+04	4.252E-03	3.434E+03	1.317E+02	2.188E+01	5.897E+00	3.406E+01	2.511E+01	1.324E+00
2.200E+04	4.204E-03	3.459E+03	1.320E+02	2.200E+01	5.910E+00	3.389E+01	2.501E+01	1.323E+00
2.220E+04	4.157E-03	3.483E+03	1.323E+02	2.211E+01	5.922E+00	3.388E+01	2.509E+01	1.322E+00
2.240E+04	4.112E-03	3.508E+03	1.326E+02	2.221E+01	5.934E+00	3.403E+01	2.527E+01	1.319E+00
2.260E+04	4.067E-03	3.533E+03	1.329E+02	2.230E+01	5.946E+00	3.435E+01	2.558E+01	1.316E+00
2.280E+04	4.023E-03	3.559E+03	1.332E+02	2.239E+01	5.958E+00	3.483E+01	2.603E+01	1.312E+00
2.300E+04	3.980E-03	3.584E+03	1.335E+02	2.247E+01	5.970E+00	3.547E+01	2.660E+01	1.307E+00
2.320E+04	3.938E-03	3.611E+03	1.338E+02	2.255E+01	5.982E+00	3.627E+01	2.730E+01	1.302E+00
2.340E+04	3.896E-03	3.638E+03	1.341E+02	2.262E+01	5.995E+00	3.723E+01	2.814E+01	1.297E+00
2.360E+04	3.855E-03	3.665E+03	1.345E+02	2.269E+01	6.007E+00	3.834E+01	2.909E+01	1.291E+00
2.380E+04	3.814E-03	3.694E+03	1.348E+02	2.276E+01	6.020E+00	3.960E+01	3.018E+01	1.285E+00
2.400E+04	3.774E-03	3.723E+03	1.351E+02	2.283E+01	6.034E+00	4.101E+01	3.137E+01	1.279E+00
2.420E+04	3.734E-03	3.754E+03	1.355E+02	2.289E+01	6.048E+00	4.256E+01	3.269E+01	1.273E+00
2.440E+04	3.694E-03	3.786E+03	1.358E+02	2.296E+01	6.063E+00	4.425E+01	3.411E+01	1.267E+00
2.460E+04	3.655E-03	3.819E+03	1.362E+02	2.304E+01	6.079E+00	4.608E+01	3.564E+01	1.262E+00
2.480E+04	3.615E-03	3.853E+03	1.366E+02	2.311E+01	6.096E+00	4.802E+01	3.726E+01	1.256E+00
2.500E+04	3.576E-03	3.889E+03	1.370E+02	2.319E+01	6.113E+00	5.009E+01	3.896E+01	1.251E+00



Table 1. - Continued.

P/PO = 3.00E+00

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E+00	-1.718E+02	2.042E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E+00	-1.705E+02	2.294E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	2.733E+00	-1.690E+02	2.443E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E+00	-1.672E+02	2.599E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E+00	-1.653E+02	2.714E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E+00	-1.633E+02	2.815E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E+00	-1.612E+02	2.904E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.023E+00	-1.590E+02	2.985E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E-01	-1.567E+02	3.059E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E-01	-1.543E+02	3.127E+01	1.823E+00	1.000E+00	6.510E+00	5.510E+00	1.182E+00
1.100E+03	7.453E-01	-1.519E+02	3.190E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	6.832E-01	-1.494E+02	3.248E+01	1.991E+00	1.000E+00	6.746E+00	5.746E+00	1.174E+00
1.300E+03	6.306E-01	-1.470E+02	3.302E+01	2.070E+00	1.000E+00	6.843E+00	5.843E+00	1.171E+00
1.400E+03	5.856E-01	-1.444E+02	3.353E+01	2.145E+00	1.000E+00	6.941E+00	5.939E+00	1.169E+00
1.500E+03	5.465E-01	-1.419E+02	3.402E+01	2.218E+00	1.000E+00	7.056E+00	6.052E+00	1.166E+00
1.600E+03	5.122E-01	-1.393E+02	3.448E+01	2.288E+00	1.000E+00	7.216E+00	6.206E+00	1.162E+00
1.700E+03	4.819E-01	-1.366E+02	3.492E+01	2.354E+00	1.001E+00	7.455E+00	6.435E+00	1.158E+00
1.800E+03	4.548E-01	-1.338E+02	3.536E+01	2.418E+00	1.002E+00	7.818E+00	6.779E+00	1.153E+00
1.900E+03	4.302E-01	-1.308E+02	3.579E+01	2.478E+00	1.003E+00	8.360E+00	7.288E+00	1.146E+00
2.000E+03	4.078E-01	-1.274E+02	3.624E+01	2.537E+00	1.005E+00	9.135E+00	8.011E+00	1.138E+00
2.100E+03	3.869E-01	-1.241E+02	3.671E+01	2.596E+00	1.009E+00	1.020E+01	8.998E+00	1.130E+00
2.200E+03	3.673E-01	-1.201E+02	3.722E+01	2.655E+00	1.014E+00	1.161E+01	1.029E+01	1.123E+00
2.300E+03	3.487E-01	-1.156E+02	3.777E+01	2.717E+00	1.022E+00	1.339E+01	1.190E+01	1.116E+00
2.400E+03	3.306E-01	-1.103E+02	3.838E+01	2.784E+00	1.033E+00	1.556E+01	1.385E+01	1.111E+00
2.500E+03	3.130E-01	-1.041E+02	3.907E+01	2.857E+00	1.048E+00	1.810E+01	1.610E+01	1.108E+00
2.600E+03	2.958E-01	-9.679E+01	3.983E+01	2.936E+00	1.066E+00	2.096E+01	1.859E+01	1.106E+00
2.700E+03	2.788E-01	-8.875E+01	4.068E+01	3.023E+00	1.089E+00	2.405E+01	2.122E+01	1.105E+00
2.800E+03	2.621E-01	-7.936E+01	4.161E+01	3.118E+00	1.117E+00	2.725E+01	2.388E+01	1.105E+00
2.900E+03	2.458E-01	-6.881E+01	4.263E+01	3.222E+00	1.150E+00	3.038E+01	2.642E+01	1.106E+00
3.000E+03	2.300E-01	-5.714E+01	4.371E+01	3.333E+00	1.188E+00	3.330E+01	2.871E+01	1.108E+00
3.100E+03	2.150E-01	-4.447E+01	4.484E+01	3.452E+00	1.230E+00	3.585E+01	3.064E+01	1.111E+00
3.200E+03	2.008E-01	-3.094E+01	4.601E+01	3.577E+00	1.276E+00	3.796E+01	3.216E+01	1.114E+00
3.300E+03	1.875E-01	-1.673E+01	4.721E+01	3.709E+00	1.325E+00	3.957E+01	3.325E+01	1.118E+00
3.400E+03	1.752E-01	-2.017E+00	4.841E+01	3.844E+00	1.376E+00	4.073E+01	3.395E+01	1.123E+00
3.500E+03	1.638E-01	1.304E+01	4.960E+01	3.983E+00	1.430E+00	4.146E+01	3.430E+01	1.127E+00
3.600E+03	1.535E-01	2.830E+01	5.077E+01	4.125E+00	1.484E+00	4.180E+01	3.434E+01	1.132E+00
3.700E+03	1.440E-01	5.360E+01	5.192E+01	4.268E+00	1.539E+00	4.173E+01	3.407E+01	1.137E+00
3.800E+03	1.354E-01	5.880E+01	5.303E+01	4.412E+00	1.593E+00	4.117E+01	3.342E+01	1.143E+00
3.900E+03	1.277E-01	7.368E+01	5.408E+01	4.555E+00	1.646E+00	4.003E+01	3.235E+01	1.149E+00
4.000E+03	1.207E-01	8.803E+01	5.507E+01	4.697E+00	1.697E+00	3.824E+01	3.080E+01	1.155E+00
4.100E+03	1.146E-01	1.016E+02	5.599E+01	4.837E+00	1.745E+00	3.580E+01	2.877E+01	1.162E+00
4.200E+03	1.091E-01	1.142E+02	5.682E+01	4.974E+00	1.789E+00	3.282E+01	2.633E+01	1.171E+00
4.300E+03	1.043E-01	1.254E+02	5.755E+01	5.106E+00	1.827E+00	2.951E+01	2.364E+01	1.180E+00
4.400E+03	1.001E-01	1.358E+02	5.819E+01	5.235E+00	1.860E+00	2.611E+01	2.088E+01	1.190E+00
4.500E+03	9.648E-02	1.447E+02	5.874E+01	5.361E+00	1.888E+00	2.286E+01	1.827E+01	1.202E+00
4.600E+03	9.326E-02	1.526E+02	5.921E+01	5.483E+00	1.911E+00	1.992E+01	1.581E+01	1.216E+00
4.700E+03	9.041E-02	1.594E+02	5.961E+01	5.602E+00	1.929E+00	1.738E+01	1.371E+01	1.230E+00
4.800E+03	8.786E-02	1.653E+02	5.995E+01	5.718E+00	1.944E+00	1.527E+01	1.196E+01	1.244E+00
4.900E+03	8.556E-02	1.706E+02	6.025E+01	5.831E+00	1.956E+00	1.357E+01	1.055E+01	1.261E+00
5.000E+03	8.346E-02	1.753E+02	6.051E+01	5.940E+00	1.965E+00	1.223E+01	9.425E+00	1.277E+00
5.100E+03	8.152E-02	1.796E+02	6.074E+01	6.043E+00	1.972E+00	1.119E+01	8.559E+00	1.291E+00
5.200E+03	7.973E-02	1.835E+02	6.095E+01	6.139E+00	1.977E+00	1.041E+01	7.906E+00	1.303E+00
5.300E+03	7.805E-02	1.872E+02	6.114E+01	6.227E+00	1.982E+00	9.844E+00	7.434E+00	1.312E+00
5.400E+03	7.646E-02	1.908E+02	6.132E+01	6.307E+00	1.986E+00	9.458E+00	7.118E+00	1.319E+00
5.500E+03	7.496E-02	1.942E+02	6.150E+01	6.377E+00	1.989E+00	9.236E+00	6.944E+00	1.322E+00
5.600E+03	7.352E-02	1.976E+02	6.166E+01	6.436E+00	1.991E+00	9.172E+00	6.908E+00	1.321E+00
5.700E+03	7.214E-02	2.009E+02	6.182E+01	6.483E+00	1.994E+00	9.272E+00	7.016E+00	1.315E+00
5.800E+03	7.082E-02	2.044E+02	6.199E+01	6.519E+00	1.996E+00	9.556E+00	7.287E+00	1.309E+00
5.900E+03	6.953E-02	2.080E+02	6.216E+01	6.544E+00	1.998E+00	1.005E+01	7.748E+00	1.291E+00
6.000E+03	6.829E-02	2.118E+02	6.233E+01	6.560E+00	2.001E+00	1.081E+01	8.440E+00	1.274E+00
6.100E+03	6.704E-02	2.159E+02	6.252E+01	6.570E+00	2.005E+00	1.189E+01	9.412E+00	1.255E+00
6.200E+03	6.582E-02	2.205E+02	6.272E+01	6.578E+00	2.009E+00	1.335E+01	1.072E+01	1.235E+00
6.300E+03	6.460E-02	2.258E+02	6.295E+01	6.586E+00	2.014E+00	1.527E+01	1.244E+01	1.216E+00
6.400E+03	6.338E-02	2.318E+02	6.321E+01	6.603E+00	2.021E+00	1.775E+01	1.463E+01	1.198E+00
6.500E+03	6.212E-02	2.388E+02	6.351E+01	6.627E+00	2.030E+00	2.085E+01	1.734E+01	1.183E+00
6.600E+03	6.084E-02	2.471E+02	6.386E+01	6.661E+00	2.042E+00	2.465E+01	2.063E+01	1.170E+00
6.700E+03	5.951E-02	2.570E+02	6.426E+01	6.705E+00	2.056E+00	2.916E+01	2.448E+01	1.160E+00
6.800E+03	5.812E-02	2.686E+02	6.473E+01	6.762E+00	2.074E+00	3.437E+01	2.886E+01	1.152E+00
6.900E+03	5.667E-02	2.822E+02	6.527E+01	6.830E+00	2.096E+00	4.020E+01	3.368E+01	1.146E+00
7.000E+03	5.517E-02	2.981E+02	6.590E+01	6.910E+00	2.123E+00	4.650E+01	3.878E+01	1.142E+00
7.100E+03	5.360E-02	3.163E+02	6.660E+01	7.001E+00	2.154E+00	5.304E+01	4.398E+01	1.137E+00
7.200E+03	5.198E-02	3.369E+02	6.739E+01	7.104E+00	2.190E+00	5.954E+01	4.903E+01	1.138E+00
7.300E+03	5.034E-02	3.598E+02	6.825E+01	7.216E+00	2.231E+00	6.586E+01	5.371E+01	1.137E+00
7.400E+03	4.868E-02	3.849E+02	6.918E+01	7.336E+00	2.276E+00	7.112E+01	5.776E+01	1.137E+00
7.500E+03	4.703E-02	4.118E+02	7.017E+01	7.468E+00	2.324E+00	7.557E+01	6.099E+01	1.137E+00
7.600E+03	4.571E-02	4.401E+02	7.119E+01	7.604E+00	2.376E+00	7.87E+01	6.325E+01	1.138E+00
7.700E+03	4.438E-02	4.693E+02	7.224E+01	7.744E+00	2.429E+00	8.053E+01	6.443E+01	1.140E+00
7.800E+03	4.234E-02	4.989E+02	7.328E+01	7.887E+00	2.482E+00	8.082E+01	6.451E+01	1.142E+00
7.900E+03	4.093E-02	5.283E+02	7.430E+01	8.032E+00	2.535E+00	7.969E+01	6.333E+01	1.145E+00
8.000E+03	3.961E-02	5.571E+02	7.529E+01	8.176E+00	2.587E+00	7.727E+01	6.161E+01	1.148E+00
8.200E+03	3.726E-02	6.110E+02	7.711E+01	8.458E+00	2.683E+00	6.960E+01	5.562E+01	1.156E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	3.528E-02	6.585E+02	7.867E+01	8.729E+00	2.766E+00	6.002E+01	4.810E+01	1.166E+00
8.600E+03	3.363E-02	6.989E+02	7.997E+01	8.966E+00	2.835E+00	5.051E+01	4.053E+01	1.178E+00
8.800E+03	3.224E-02	7.328E+02	8.134E+01	9.232E+00	2.890E+00	4.228E+01	3.387E+01	1.191E+00
9.000E+03	3.105E-02	7.613E+02	8.191E+01	9.445E+00	2.934E+00	3.581E+01	2.857E+01	1.206E+00
9.200E+03	3.001E-02	7.857E+02	8.764E+01	9.686E+00	2.969E+00	3.110E+01	2.467E+01	1.221E+00
9.400E+03	2.909E-02	8.072E+02	8.324E+01	9.891E+00	2.998E+00	2.790E+01	2.200E+01	1.234E+00
9.600E+03	2.825E-02	8.268E+02	8.384E+01	1.008E+01	3.023E+00	2.593E+01	2.033E+01	1.244E+00
9.800E+03	2.746E-02	8.454E+02	8.436E+01	1.025E+01	3.046E+00	2.490E+01	1.946E+01	1.250E+00
1.000E+04	2.673E-02	8.635E+02	8.486E+01	1.040E+01	3.068E+00	2.458E+01	1.918E+01	1.253E+00
1.020E+04	2.602E-02	8.815E+02	8.535E+01	1.054E+01	3.088E+00	2.483E+01	1.936E+01	1.253E+00
1.040E+04	2.535E-02	8.999E+02	8.584E+01	1.067E+01	3.110E+00	2.549E+01	1.989E+01	1.251E+00
1.060E+04	2.470E-02	9.189E+02	8.633E+01	1.079E+01	3.11E+00	2.649E+01	2.069E+01	1.248E+00
1.080E+04	2.406E-02	9.388E+02	8.684E+01	1.092E+01	3.154E+00	2.775E+01	2.170E+01	1.244E+00
1.100E+04	2.345E-02	9.596E+02	8.736E+01	1.104E+01	3.179E+00	2.923E+01	2.288E+01	1.240E+00
1.120E+04	2.284E-02	9.816E+02	8.790E+01	1.117E+01	3.205E+00	3.089E+01	2.420E+01	1.236E+00
1.140E+04	2.225E-02	1.005E+03	8.847E+01	1.130E+01	3.232E+00	3.271E+01	2.563E+01	1.232E+00
1.160E+04	2.167E-02	1.030E+03	8.905E+01	1.144E+01	3.262E+00	3.465E+01	2.714E+01	1.229E+00
1.180E+04	2.109E-02	1.056E+03	8.966E+01	1.157E+01	3.294E+00	3.671E+01	2.874E+01	1.225E+00
1.200E+04	2.053E-02	1.083E+03	9.030E+01	1.172E+01	3.328E+00	3.887E+01	3.040E+01	1.222E+00
1.220E+04	1.998E-02	1.113E+03	9.096E+01	1.187E+01	3.364E+00	4.112E+01	3.212E+01	1.220E+00
1.240E+04	1.943E-02	1.144E+03	9.164E+01	1.202E+01	3.402E+00	4.345E+01	3.388E+01	1.217E+00
1.260E+04	1.890E-02	1.176E+03	9.236E+01	1.218E+01	3.443E+00	4.585E+01	3.568E+01	1.215E+00
1.280E+04	1.837E-02	1.211E+03	9.310E+01	1.234E+01	3.486E+00	4.831E+01	3.752E+01	1.213E+00
1.300E+04	1.786E-02	1.247E+03	9.387E+01	1.251E+01	3.532E+00	5.083E+01	3.939E+01	1.212E+00
1.320E+04	1.735E-02	1.285E+03	9.466E+01	1.268E+01	3.579E+00	5.340E+01	4.128E+01	1.210E+00
1.340E+04	1.686E-02	1.325E+03	9.549E+01	1.286E+01	3.630E+00	5.601E+01	4.319E+01	1.209E+00
1.360E+04	1.637E-02	1.367E+03	9.634E+01	1.304E+01	3.682E+00	5.866E+01	4.511E+01	1.207E+00
1.380E+04	1.590E-02	1.411E+03	9.721E+01	1.323E+01	3.737E+00	6.134E+01	4.704E+01	1.206E+00
1.400E+04	1.543E-02	1.457E+03	9.811E+01	1.342E+01	3.794E+00	6.402E+01	4.897E+01	1.206E+00
1.420E+04	1.498E-02	1.505E+03	9.904E+01	1.362E+01	3.853E+00	6.670E+01	5.088E+01	1.205E+00
1.440E+04	1.454E-02	1.555E+03	9.995E+01	1.382E+01	3.915E+00	6.936E+01	5.276E+01	1.204E+00
1.460E+04	1.411E-02	1.606E+03	1.010E+02	1.403E+01	3.979E+00	7.197E+01	5.459E+01	1.204E+00
1.480E+04	1.370E-02	1.660E+03	1.020E+02	1.424E+01	4.044E+00	7.449E+01	5.635E+01	1.204E+00
1.50E+04	1.329E-02	1.716E+03	1.030E+02	1.445E+01	4.112E+00	7.691E+01	5.802E+01	1.204E+00
1.520E+04	1.290E-02	1.773E+03	1.040E+02	1.467E+01	4.181E+00	7.916E+01	5.957E+01	1.204E+00
1.540E+04	1.252E-02	1.831E+03	1.051E+02	1.489E+01	4.252E+00	8.123E+01	6.057E+01	1.204E+00
1.560E+04	1.215E-02	1.892E+03	1.061E+02	1.512E+01	4.324E+00	8.305E+01	6.220E+01	1.205E+00
1.580E+04	1.180E-02	1.953E+03	1.072E+02	1.535E+01	4.397E+00	8.460E+01	6.323E+01	1.206E+00
1.600E+04	1.146E-02	2.015E+03	1.083E+02	1.558E+01	4.471E+00	8.583E+01	6.403E+01	1.207E+00
1.620E+04	1.113E-02	2.079E+03	1.093E+02	1.582E+01	4.545E+00	8.671E+01	6.458E+01	1.208E+00
1.640E+04	1.082E-02	2.142E+03	1.104E+02	1.606E+01	4.620E+00	8.721E+01	6.487E+01	1.210E+00
1.660E+04	1.052E-02	2.206E+03	1.115E+02	1.629E+01	4.694E+00	8.731E+01	6.488E+01	1.211E+00
1.680E+04	1.024E-02	2.270E+03	1.125E+02	1.653E+01	4.777E+00	8.700E+01	6.461E+01	1.213E+00
1.700E+04	9.965E-03	2.334E+03	1.135E+02	1.677E+01	4.839E+00	8.629E+01	6.409E+01	1.215E+00
1.720E+04	9.707E-03	2.396E+03	1.145E+02	1.701E+01	4.910E+00	8.519E+01	6.322E+01	1.218E+00
1.740E+04	9.463E-03	2.458E+03	1.155E+02	1.725E+01	4.979E+00	8.372E+01	6.214E+01	1.220E+00
1.760E+04	9.231E-03	2.519E+03	1.165E+02	1.748E+01	5.046E+00	8.191E+01	6.081E+01	1.223E+00
1.780E+04	9.012E-03	2.578E+03	1.174E+02	1.772E+01	5.110E+00	7.980E+01	5.927E+01	1.226E+00
1.800E+04	8.806E-03	2.636E+03	1.182E+02	1.795E+01	5.172E+00	7.745E+01	5.755E+01	1.230E+00
1.820E+04	8.611E-03	2.671E+03	1.191E+02	1.818E+01	5.231E+00	7.490E+01	5.568E+01	1.234E+00
1.840E+04	8.427E-03	2.745E+03	1.199E+02	1.840E+01	5.287E+00	7.219E+01	5.370E+01	1.238E+00
1.860E+04	8.254E-03	2.797E+03	1.207E+02	1.865E+01	5.340E+00	6.939E+01	5.164E+01	1.242E+00
1.880E+04	8.090E-03	2.847E+03	1.214E+02	1.885E+01	5.390E+00	6.654E+01	4.953E+01	1.246E+00
1.900E+04	7.936E-03	2.895E+03	1.221E+02	1.907E+01	5.437E+00	6.369E+01	4.742E+01	1.251E+00
1.920E+04	7.790E-03	2.940E+03	1.227E+02	1.928E+01	5.481E+00	6.087E+01	4.532E+01	1.256E+00
1.940E+04	7.653E-03	2.984E+03	1.233E+02	1.949E+01	5.522E+00	5.812E+01	4.326E+01	1.261E+00
1.960E+04	7.523E-03	3.025E+03	1.239E+02	1.970E+01	5.560E+00	5.547E+01	4.127E+01	1.266E+00
1.980E+04	7.400E-03	3.065E+03	1.245E+02	1.991E+01	5.595E+00	5.294E+01	3.936E+01	1.272E+00
2.000E+04	7.283E-03	3.103E+03	1.250E+02	2.011E+01	5.628E+00	5.055E+01	3.755E+01	1.277E+00
2.020E+04	7.172E-03	3.139E+03	1.255E+02	2.031E+01	5.658E+00	4.831E+01	3.585E+01	1.283E+00
2.040E+04	7.067E-03	3.174E+03	1.260E+02	2.050E+01	5.686E+00	4.624E+01	3.427E+01	1.287E+00
2.060E+04	6.967E-03	3.207E+03	1.264E+02	2.069E+01	5.712E+00	4.433E+01	3.282E+01	1.293E+00
2.080E+04	6.871E-03	3.239E+03	1.268E+02	2.088E+01	5.737E+00	4.260E+01	3.150E+01	1.299E+00
2.100E+04	6.779E-03	3.269E+03	1.272E+02	2.106E+01	5.759E+00	4.104E+01	3.031E+01	1.303E+00
2.120E+04	6.691E-03	3.299E+03	1.276E+02	2.123E+01	5.779E+00	3.966E+01	2.925E+01	1.308E+00
2.140E+04	6.606E-03	3.327E+03	1.280E+02	2.140E+01	5.799E+00	3.845E+01	2.833E+01	1.312E+00
2.160E+04	6.525E-03	3.355E+03	1.283E+02	2.156E+01	5.817E+00	3.740E+01	2.754E+01	1.316E+00
2.180E+04	6.447E-03	3.382E+03	1.287E+02	2.172E+01	5.834E+00	3.633E+01	2.689E+01	1.318E+00
2.200E+04	6.371E-03	3.409E+03	1.290E+02	2.188E+01	5.849E+00	3.527E+01	2.635E+01	1.321E+00
2.220E+04	6.297E-03	3.435E+03	1.293E+02	2.203E+01	5.864E+00	3.427E+01	2.591E+01	1.323E+00
2.240E+04	6.226E-03	3.460E+03	1.296E+02	2.218E+01	5.879E+00	3.387E+01	2.511E+01	1.322E+00
2.260E+04	6.156E-03	3.486E+03	1.299E+02	2.233E+01	5.892E+00	3.464E+01	2.556E+01	1.322E+00
2.280E+04	6.089E-03	3.511E+03	1.302E+02	2.247E+01	5.905E+00	3.456E+01	2.554E+01	1.321E+00
2.300E+04	6.023E-03	3.536E+03	1.305E+02	2.261E+01	5.918E+00	3.463E+01	2.545E+01	1.319E+00
2.320E+04	5.958E-03	3.562E+03	1.308E+02	2.275E+01	5.931E+00	3.485E+01	2.588E+01	1.316E+00
2.340E+04	5.895E-03	3.587E+03	1.311E+02	2.286E+01	5.943E+00	3.522E+01	2.523E+01	1.315E+00
2.360E+04	5.833E-03	3.613E+03	1.314E+02	2.295E+01	5.956E+00	3.574E+01	2.670E+01	1.309E+00
2.380E+04	5.772E-03	3.640E+03	1.317E+02	2.283E+01	5.968E+00	3.640E+01	2.729E+01	1.305E+00
2.400E+04	5.712E-03	3.667E+03	1.321E+02	2.291E+01	5.981E+00	3.721E+01	2.809E+01	1.300E+00
2.420E+04	5.652E-03	3.694E+03	1.324E+02	2.298E+01	5.993E+00	3.816E+01	2.882E+01	1.297E+00
2.440E+04	5.594E-03	3.723E+03	1.327E+02	2.305E+01	6.007E+00	3.914E+01	2.976E+01	1.293E+00
2.460E+04	5.536E-03	3.752E+03	1.330E+02	2.313E+01	6.020E+00	4.017E+01	3.080E+01	1.284E+00
2.480E+04	5.478E-03	3.782E+03	1.333E+02	2.320E+01	6.034E+00	4.183E+01	3.191E+01	1.278E+00
2.500E+04	5.421E-03	3.813E+03	1.337E+02	2.327E+01	6.049E+00	4.331E+01	3.320E+01	1.273E+00



Table 1. - Continued.

P/P0 = 4.00E+00

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E+01	-1.710E+02	2.013E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.445E+00	-1.705E+02	2.265E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E+00	-1.490E+02	2.434E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E+00	-1.672E+02	2.570E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.184E+00	-1.653E+02	2.685E+01	1.315E+00	1.000E+00	5.311E+00	4.364E+00	1.229E+00
6.000E+02	1.822E+00	-1.633E+02	2.786E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E+00	-1.612E+02	2.876E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E+00	-1.590E+02	2.957E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E+00	-1.567E+02	3.030E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.071E+00	-1.543E+02	3.098E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	9.971E-01	-1.519E+02	3.161E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	9.131E-01	-1.494E+02	3.219E+01	1.991E+00	1.000E+00	6.746E+00	5.746E+00	1.174E+00
1.300E+03	8.408E-01	-1.470E+02	3.273E+01	2.070E+00	1.000E+00	6.842E+00	5.842E+00	1.171E+00
1.400E+03	7.807E-01	-1.444E+02	3.325E+01	2.145E+00	1.000E+00	6.938E+00	5.938E+00	1.169E+00
1.500E+03	7.284E-01	-1.419E+02	3.373E+01	2.218E+00	1.000E+00	7.048E+00	6.048E+00	1.166E+00
1.600E+03	6.830E-01	-1.393E+02	3.419E+01	2.288E+00	1.000E+00	7.198E+00	6.198E+00	1.163E+00
1.700E+03	6.426E-01	-1.364E+02	3.463E+01	2.355E+00	1.001E+00	7.420E+00	6.420E+00	1.159E+00
1.800E+03	6.046E-01	-1.338E+02	3.506E+01	2.419E+00	1.001E+00	7.754E+00	6.719E+00	1.154E+00
1.900E+03	5.738E-01	-1.309E+02	3.549E+01	2.480E+00	1.003E+00	8.249E+00	7.184E+00	1.147E+00
2.000E+03	5.439E-01	-1.278E+02	3.593E+01	2.539E+00	1.005E+00	8.957E+00	7.845E+00	1.140E+00
2.100E+03	5.163E-01	-1.243E+02	3.639E+01	2.597E+00	1.008E+00	9.929E+00	8.745E+00	1.132E+00
2.200E+03	4.904E-01	-1.204E+02	3.688E+01	2.656E+00	1.013E+00	1.121E+01	9.923E+00	1.125E+00
2.300E+03	4.658E-01	-1.161E+02	3.742E+01	2.717E+00	1.020E+00	1.284E+01	1.140E+01	1.119E+00
2.400E+03	4.421E-01	-1.110E+02	3.800E+01	2.783E+00	1.030E+00	1.482E+01	1.319E+01	1.113E+00
2.500E+03	4.191E-01	-1.052E+02	3.866E+01	2.853E+00	1.043E+00	1.716E+01	1.526E+01	1.110E+00
2.600E+03	3.965E-01	-9.840E+01	3.938E+01	2.930E+00	1.060E+00	1.980E+01	1.757E+01	1.107E+00
2.700E+03	3.744E-01	-9.063E+01	4.018E+01	3.014E+00	1.081E+00	2.268E+01	2.003E+01	1.106E+00
2.800E+03	3.526E-01	-8.178E+01	4.106E+01	3.106E+00	1.107E+00	2.568E+01	2.254E+01	1.106E+00
2.900E+03	3.312E-01	-7.182E+01	4.201E+01	3.205E+00	1.138E+00	2.888E+01	2.498E+01	1.107E+00
3.000E+03	3.107E-01	-6.080E+01	4.303E+01	3.312E+00	1.173E+00	3.151E+01	2.723E+01	1.109E+00
3.100E+03	2.910E-01	-4.879E+01	4.411E+01	3.427E+00	1.212E+00	3.404E+01	2.917E+01	1.111E+00
3.200E+03	2.722E-01	-3.592E+01	4.522E+01	3.548E+00	1.255E+00	3.618E+01	3.073E+01	1.114E+00
3.300E+03	2.546E-01	-2.235E+01	4.636E+01	3.675E+00	1.301E+00	3.788E+01	3.191E+01	1.118E+00
3.400E+03	2.382E-01	-8.238E+00	4.752E+01	3.806E+00	1.350E+00	3.913E+01	3.270E+01	1.122E+00
3.500E+03	2.230E-01	6.256E+00	4.866E+01	3.942E+00	1.401E+00	3.998E+01	3.316E+01	1.127E+00
3.600E+03	2.090E-01	2.100E+01	4.980E+01	4.079E+00	1.452E+00	4.047E+01	3.332E+01	1.131E+00
3.700E+03	1.963E-01	3.585E+01	5.091E+01	4.219E+00	1.505E+00	4.060E+01	3.321E+01	1.136E+00
3.800E+03	1.846E-01	5.068E+01	5.199E+01	4.360E+00	1.558E+00	4.035E+01	3.281E+01	1.142E+00
3.900E+03	1.741E-01	6.534E+01	5.303E+01	4.502E+00	1.610E+00	3.963E+01	3.206E+01	1.147E+00
4.000E+03	1.645E-01	7.964E+01	5.402E+01	4.643E+00	1.661E+00	3.838E+01	3.092E+01	1.153E+00
4.100E+03	1.560E-01	9.337E+01	5.494E+01	4.782E+00	1.709E+00	3.654E+01	2.934E+01	1.160E+00
4.200E+03	1.483E-01	1.063E+02	5.580E+01	4.919E+00	1.755E+00	3.415E+01	2.736E+01	1.167E+00
4.300E+03	1.416E-01	1.183E+02	5.657E+01	5.052E+00	1.796E+00	3.131E+01	2.504E+01	1.175E+00
4.400E+03	1.356E-01	1.292E+02	5.725E+01	5.182E+00	1.832E+00	2.821E+01	2.253E+01	1.185E+00
4.500E+03	1.304E-01	1.390E+02	5.785E+01	5.309E+00	1.863E+00	2.507E+01	1.998E+01	1.195E+00
4.600E+03	1.258E-01	1.474E+02	5.837E+01	5.432E+00	1.889E+00	2.208E+01	1.755E+01	1.207E+00
4.700E+03	1.217E-01	1.552E+02	5.882E+01	5.552E+00	1.911E+00	1.938E+01	1.533E+01	1.220E+00
4.800E+03	1.181E-01	1.618E+02	5.920E+01	5.669E+00	1.929E+00	1.704E+01	1.341E+01	1.234E+00
4.900E+03	1.148E-01	1.677E+02	5.953E+01	5.782E+00	1.943E+00	1.509E+01	1.179E+01	1.249E+00
5.000E+03	1.119E-01	1.729E+02	5.982E+01	5.893E+00	1.954E+00	1.350E+01	1.047E+01	1.263E+00
5.100E+03	1.092E-01	1.776E+02	6.007E+01	5.999E+00	1.963E+00	1.223E+01	9.412E+00	1.278E+00
5.200E+03	1.067E-01	1.819E+02	6.030E+01	6.099E+00	1.970E+00	1.124E+01	8.591E+00	1.291E+00
5.300E+03	1.041E-01	1.859E+02	6.051E+01	6.194E+00	1.976E+00	1.050E+01	7.949E+00	1.302E+00
5.400E+03	1.022E-01	1.896E+02	6.070E+01	6.280E+00	1.981E+00	9.949E+00	7.514E+00	1.311E+00
5.500E+03	1.001E-01	1.932E+02	6.088E+01	6.358E+00	1.985E+00	9.579E+00	7.217E+00	1.317E+00
5.600E+03	9.820E-02	1.967E+02	6.105E+01	6.426E+00	1.988E+00	9.370E+00	7.056E+00	1.319E+00
5.700E+03	9.634E-02	2.001E+02	6.121E+01	6.484E+00	1.990E+00	9.319E+00	7.033E+00	1.317E+00
5.800E+03	9.456E-02	2.035E+02	6.137E+01	6.530E+00	1.993E+00	9.453E+00	7.154E+00	1.311E+00
5.900E+03	9.284E-02	2.070E+02	6.154E+01	6.565E+00	1.995E+00	9.730E+00	7.437E+00	1.302E+00
6.000E+03	9.118E-02	2.107E+02	6.171E+01	6.590E+00	1.998E+00	1.024E+01	7.909E+00	1.288E+00
6.100E+03	8.955E-02	2.146E+02	6.188E+01	6.607E+00	2.001E+00	1.101E+01	8.608E+00	1.271E+00
6.200E+03	8.795E-02	2.188E+02	6.207E+01	6.618E+00	2.005E+00	1.208E+01	9.579E+00	1.233E+00
6.300E+03	8.636E-02	2.235E+02	6.227E+01	6.628E+00	2.009E+00	1.383E+01	1.088E+01	1.234E+00
6.400E+03	8.478E-02	2.287E+02	6.250E+01	6.640E+00	2.015E+00	1.542E+01	1.256E+01	1.216E+00
6.500E+03	8.318E-02	2.348E+02	6.276E+01	6.657E+00	2.022E+00	1.783E+01	1.468E+01	1.199E+00
6.600E+03	8.156E-02	2.419E+02	6.305E+01	6.682E+00	2.031E+00	2.082E+01	1.729E+01	1.184E+00
6.700E+03	7.989E-02	2.501E+02	6.339E+01	6.716E+00	2.042E+00	2.445E+01	2.042E+01	1.172E+00
6.800E+03	7.817E-02	2.599E+02	6.378E+01	6.761E+00	2.056E+00	2.874E+01	2.408E+01	1.162E+00
6.900E+03	7.638E-02	2.713E+02	6.424E+01	6.818E+00	2.074E+00	3.366E+01	2.821E+01	1.155E+00
7.000E+03	7.452E-02	2.846E+02	6.476E+01	6.885E+00	2.096E+00	3.915E+01	3.274E+01	1.149E+00
7.100E+03	7.258E-02	3.000E+02	6.536E+01	6.963E+00	2.121E+00	4.507E+01	3.753E+01	1.145E+00
7.200E+03	7.057E-02	3.176E+02	6.603E+01	7.053E+00	2.151E+00	5.122E+01	4.241E+01	1.142E+00
7.300E+03	6.851E-02	3.375E+02	6.678E+01	7.153E+00	2.186E+00	5.735E+01	4.718E+01	1.140E+00
7.400E+03	6.640E-02	3.596E+02	6.760E+01	7.262E+00	2.225E+00	6.318E+01	5.161E+01	1.139E+00
7.500E+03	6.427E-02	3.837E+02	6.849E+01	7.381E+00	2.268E+00	6.841E+01	5.551E+01	1.139E+00
7.600E+03	6.216E-02	4.096E+02	6.942E+01	7.507E+00	2.314E+00	7.277E+01	5.869E+01	1.139E+00
7.700E+03	6.007E-02	4.368E+02	7.040E+01	7.640E+00	2.363E+00	7.603E+01	6.099E+01	1.140E+00
7.800E+03	5.805E-02	4.651E+02	7.139E+01	7.777E+00	2.414E+00	7.801E+01	6.234E+01	1.142E+00
7.900E+03	5.611E-02	4.938E+02	7.239E+01	7.918E+00	2.466E+00	7.866E+01	6.268E+01	1.144E+00
8.000E+03	5.427E-02	5.225E+02	7.338E+01	8.060E+00	2.518E+00	7.799E+01	6.205E+01	1.146E+00
8.200E+03	5.093E-02	5.781E+02	7.525E+01	8.343E+00	2.617E+00	7.320E+01	5.825E+01	1.153E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	4.807E-02	6.289E+02	7.492E+01	8.618E+00	2.707E+00	6.527E+01	5.204E+01	1.161E+00
8.600E+03	4.566E-02	6.734E+02	7.435E+01	8.882E+00	2.784E+00	5.616E+01	4.491E+01	1.171E+00
8.800E+03	4.363E-02	7.113E+02	7.954E+01	9.133E+00	2.847E+00	4.747E+01	3.797E+01	1.184E+00
9.000E+03	4.191E-02	7.432E+02	8.052E+01	9.373E+00	2.898E+00	4.008E+01	3.200E+01	1.197E+00
9.200E+03	4.043E-02	7.704E+02	8.134E+01	9.601E+00	2.939E+00	3.432E+01	2.728E+01	1.212E+00
9.400E+03	3.912E-02	7.939E+02	8.203E+01	9.817E+00	2.972E+00	3.012E+01	2.380E+01	1.226E+00
9.600E+03	3.795E-02	8.148E+02	8.263E+01	1.002E+01	3.001E+00	2.727E+01	2.142E+01	1.238E+00
9.800E+03	3.687E-02	8.341E+02	8.317E+01	1.020E+01	3.025E+00	2.550E+01	1.993E+01	1.248E+00
1.000E+04	3.587E-02	8.523E+02	8.368E+01	1.037E+01	3.047E+00	2.457E+01	1.914E+01	1.254E+00
1.020E+04	3.493E-02	8.702E+02	8.416E+01	1.052E+01	3.068E+00	2.429E+01	1.890E+01	1.256E+00
1.040E+04	3.403E-02	8.880E+02	8.463E+01	1.065E+01	3.088E+00	2.451E+01	1.906E+01	1.256E+00
1.060E+04	3.317E-02	9.062E+02	8.511E+01	1.078E+01	3.109E+00	2.512E+01	1.955E+01	1.254E+00
1.080E+04	3.233E-02	9.249E+02	8.558E+01	1.091E+01	3.130E+00	2.604E+01	2.029E+01	1.251E+00
1.100E+04	3.152E-02	9.444E+02	8.607E+01	1.103E+01	3.152E+00	2.721E+01	2.122E+01	1.248E+00
1.120E+04	3.073E-02	9.648E+02	8.658E+01	1.116E+01	3.176E+00	2.858E+01	2.231E+01	1.244E+00
1.140E+04	2.994E-02	9.863E+02	8.709E+01	1.128E+01	3.201E+00	3.012E+01	2.353E+01	1.240E+00
1.160E+04	2.920E-02	1.009E+03	8.763E+01	1.141E+01	3.227E+00	3.181E+01	2.486E+01	1.236E+00
1.180E+04	2.845E-02	1.033E+03	8.819E+01	1.154E+01	3.256E+00	3.362E+01	2.627E+01	1.232E+00
1.200E+04	2.772E-02	1.058E+03	8.877E+01	1.168E+01	3.286E+00	3.554E+01	2.776E+01	1.229E+00
1.220E+04	2.700E-02	1.085E+03	8.938E+01	1.182E+01	3.318E+00	3.756E+01	2.931E+01	1.226E+00
1.240E+04	2.629E-02	1.113E+03	9.000E+01	1.196E+01	3.353E+00	3.966E+01	3.091E+01	1.223E+00
1.260E+04	2.560E-02	1.143E+03	9.066E+01	1.211E+01	3.389E+00	4.184E+01	3.256E+01	1.221E+00
1.280E+04	2.491E-02	1.175E+03	9.133E+01	1.226E+01	3.428E+00	4.409E+01	3.425E+01	1.219E+00
1.300E+04	2.424E-02	1.208E+03	9.203E+01	1.242E+01	3.469E+00	4.641E+01	3.598E+01	1.217E+00
1.320E+04	2.358E-02	1.243E+03	9.276E+01	1.259E+01	3.512E+00	4.877E+01	3.773E+01	1.215E+00
1.340E+04	2.293E-02	1.279E+03	9.351E+01	1.275E+01	3.557E+00	5.119E+01	3.951E+01	1.213E+00
1.360E+04	2.230E-02	1.317E+03	9.429E+01	1.293E+01	3.604E+00	5.365E+01	4.131E+01	1.212E+00
1.380E+04	2.168E-02	1.358E+03	9.509E+01	1.310E+01	3.654E+00	5.614E+01	4.312E+01	1.211E+00
1.400E+04	2.107E-02	1.400E+03	9.592E+01	1.329E+01	3.706E+00	5.866E+01	4.494E+01	1.210E+00
1.420E+04	2.047E-02	1.444E+03	9.677E+01	1.347E+01	3.760E+00	6.120E+01	4.675E+01	1.209E+00
1.440E+04	1.989E-02	1.489E+03	9.764E+01	1.366E+01	3.816E+00	6.374E+01	4.856E+01	1.208E+00
1.460E+04	1.933E-02	1.537E+03	9.854E+01	1.386E+01	3.874E+00	6.626E+01	5.034E+01	1.207E+00
1.480E+04	1.877E-02	1.586E+03	9.946E+01	1.406E+01	3.934E+00	6.874E+01	5.208E+01	1.207E+00
1.500E+04	1.823E-02	1.638E+03	1.004E+02	1.427E+01	3.996E+00	7.116E+01	5.377E+01	1.207E+00
1.520E+04	1.771E-02	1.691E+03	1.014E+02	1.447E+01	4.069E+00	7.350E+01	5.539E+01	1.207E+00
1.540E+04	1.720E-02	1.745E+03	1.023E+02	1.469E+01	4.126E+00	7.571E+01	5.691E+01	1.207E+00
1.560E+04	1.671E-02	1.801E+03	1.033E+02	1.490E+01	4.193E+00	7.777E+01	5.831E+01	1.207E+00
1.580E+04	1.623E-02	1.859E+03	1.043E+02	1.512E+01	4.262E+00	7.964E+01	5.957E+01	1.208E+00
1.600E+04	1.577E-02	1.918E+03	1.053E+02	1.535E+01	4.332E+00	8.128E+01	6.066E+01	1.208E+00
1.620E+04	1.533E-02	1.978E+03	1.064E+02	1.557E+01	4.403E+00	8.266E+01	6.156E+01	1.209E+00
1.640E+04	1.490E-02	2.039E+03	1.074E+02	1.580E+01	4.474E+00	8.375E+01	6.226E+01	1.210E+00
1.660E+04	1.449E-02	2.101E+03	1.084E+02	1.603E+01	4.545E+00	8.451E+01	6.274E+01	1.211E+00
1.680E+04	1.409E-02	2.163E+03	1.094E+02	1.627E+01	4.617E+00	8.494E+01	6.297E+01	1.213E+00
1.700E+04	1.371E-02	2.225E+03	1.104E+02	1.650E+01	4.688E+00	8.500E+01	6.296E+01	1.215E+00
1.720E+04	1.335E-02	2.287E+03	1.114E+02	1.674E+01	4.759E+00	8.471E+01	6.269E+01	1.216E+00
1.740E+04	1.301E-02	2.349E+03	1.124E+02	1.697E+01	4.828E+00	8.405E+01	6.218E+01	1.219E+00
1.760E+04	1.268E-02	2.410E+03	1.133E+02	1.720E+01	4.897E+00	8.305E+01	6.142E+01	1.221E+00
1.780E+04	1.237E-02	2.470E+03	1.143E+02	1.744E+01	4.963E+00	8.171E+01	6.043E+01	1.224E+00
1.800E+04	1.208E-02	2.530E+03	1.152E+02	1.767E+01	5.028E+00	8.007E+01	5.923E+01	1.226E+00
1.820E+04	1.180E-02	2.588E+03	1.160E+02	1.790E+01	5.090E+00	7.817E+01	5.784E+01	1.229E+00
1.840E+04	1.153E-02	2.644E+03	1.169E+02	1.813E+01	5.150E+00	7.604E+01	5.628E+01	1.233E+00
1.860E+04	1.128E-02	2.699E+03	1.177E+02	1.835E+01	5.208E+00	7.372E+01	5.459E+01	1.236E+00
1.880E+04	1.105E-02	2.752E+03	1.185E+02	1.858E+01	5.263E+00	7.126E+01	5.279E+01	1.240E+00
1.900E+04	1.083E-02	2.803E+03	1.192E+02	1.880E+01	5.315E+00	6.870E+01	5.092E+01	1.244E+00
1.920E+04	1.061E-02	2.853E+03	1.199E+02	1.902E+01	5.364E+00	6.608E+01	4.899E+01	1.248E+00
1.940E+04	1.041E-02	2.900E+03	1.206E+02	1.923E+01	5.410E+00	6.345E+01	4.705E+01	1.253E+00
1.960E+04	1.023E-02	2.945E+03	1.212E+02	1.944E+01	5.454E+00	6.084E+01	4.511E+01	1.257E+00
1.980E+04	1.005E-02	2.989E+03	1.218E+02	1.965E+01	5.495E+00	5.827E+01	4.321E+01	1.262E+00
2.000E+04	9.878E-03	3.031E+03	1.224E+02	1.986E+01	5.533E+00	5.578E+01	4.135E+01	1.267E+00
2.020E+04	9.718E-03	3.071E+03	1.230E+02	2.006E+01	5.568E+00	5.340E+01	3.956E+01	1.272E+00
2.040E+04	9.566E-03	3.109E+03	1.235E+02	2.026E+01	5.602E+00	5.113E+01	3.785E+01	1.277E+00
2.060E+04	9.421E-03	3.146E+03	1.240E+02	2.046E+01	5.632E+00	4.899E+01	3.624E+01	1.283E+00
2.080E+04	9.283E-03	3.181E+03	1.244E+02	2.065E+01	5.661E+00	4.699E+01	3.473E+01	1.288E+00
2.100E+04	9.151E-03	3.215E+03	1.249E+02	2.084E+01	5.688E+00	4.514E+01	3.333E+01	1.293E+00
2.120E+04	9.026E-03	3.247E+03	1.253E+02	2.103E+01	5.713E+00	4.345E+01	3.205E+01	1.298E+00
2.140E+04	8.905E-03	3.278E+03	1.257E+02	2.120E+01	5.736E+00	4.192E+01	3.089E+01	1.302E+00
2.160E+04	8.790E-03	3.308E+03	1.261E+02	2.138E+01	5.757E+00	4.054E+01	2.985E+01	1.307E+00
2.180E+04	8.679E-03	3.338E+03	1.264E+02	2.155E+01	5.777E+00	3.932E+01	2.893E+01	1.311E+00
2.200E+04	8.572E-03	3.366E+03	1.268E+02	2.171E+01	5.796E+00	3.826E+01	2.813E+01	1.314E+00
2.220E+04	8.469E-03	3.394E+03	1.271E+02	2.187E+01	5.814E+00	3.735E+01	2.745E+01	1.317E+00
2.240E+04	8.370E-03	3.421E+03	1.275E+02	2.201E+01	5.830E+00	3.660E+01	2.690E+01	1.319E+00
2.260E+04	8.273E-03	3.447E+03	1.278E+02	2.215E+01	5.846E+00	3.600E+01	2.646E+01	1.321E+00
2.280E+04	8.180E-03	3.474E+03	1.281E+02	2.229E+01	5.861E+00	3.555E+01	2.615E+01	1.321E+00
2.300E+04	8.089E-03	3.499E+03	1.284E+02	2.241E+01	5.875E+00	3.524E+01	2.595E+01	1.322E+00
2.320E+04	8.001E-03	3.525E+03	1.287E+02	2.253E+01	5.889E+00	3.508E+01	2.588E+01	1.321E+00
2.340E+04	7.914E-03	3.551E+03	1.290E+02	2.264E+01	5.902E+00	3.507E+01	2.591E+01	1.319E+00
2.360E+04	7.830E-03	3.577E+03	1.293E+02	2.274E+01	5.915E+00	3.519E+01	2.607E+01	1.317E+00
2.380E+04	7.747E-03	3.602E+03	1.296E+02	2.284E+01	5.928E+00	3.546E+01	2.633E+01	1.314E+00
2.400E+04	7.666E-03	3.629E+03	1.299E+02	2.293E+01	5.941E+00	3.587E+01	2.671E+01	1.311E+00
2.420E+04	7.587E-03	3.655E+03	1.302E+02	2.302E+01	5.954E+00	3.641E+01	2.721E+01	1.307E+00
2.440E+04	7.508E-03	3.682E+03	1.305E+02	2.310E+01	5.966E+00	3.709E+01	2.781E+01	1.303E+00
2.460E+04	7.431E-03	3.709E+03	1.308E+02	2.318E+01	5.979E+00	3.790E+01	2.852E+01	1.298E+00
2.480E+04	7.355E-03	3.737E+03	1.311E+02	2.325E+01	5.993E+00	3.885E+01	2.933E+01	1.293E+00
2.500E+04	7.280E-03	3.766E+03	1.314E+02	2.333E+01	6.006E+00	3.993E+01	3.025E+01	1.288E+00

Table I. - Continued.

P/P0 = 5.00E+00

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E+01	-1.718E+02	1.991E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E+00	-1.705E+02	2.243E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.555E+00	-1.690E+02	2.412E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E+00	-1.672E+02	2.548E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.733E+00	-1.653E+02	2.663E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E+00	-1.633E+02	2.744E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E+00	-1.612E+02	2.853E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E+00	-1.590E+02	2.934E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E+00	-1.567E+02	3.008E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.366E+00	-1.543E+02	3.076E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.242E+00	-1.519E+02	3.139E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.139E+00	-1.494E+02	3.197E+01	1.991E+00	1.000E+00	6.745E+00	5.745E+00	1.174E+00
1.300E+03	1.051E+00	-1.470E+02	3.251E+01	2.070E+00	1.000E+00	6.841E+00	5.841E+00	1.171E+00
1.400E+03	9.759E-01	-1.444E+02	3.302E+01	2.145E+00	1.000E+00	6.936E+00	5.936E+00	1.169E+00
1.500E+03	9.108E-01	-1.419E+02	3.350E+01	2.218E+00	1.000E+00	7.043E+00	6.040E+00	1.166E+00
1.600E+03	8.537E-01	-1.393E+02	3.396E+01	2.288E+00	1.000E+00	7.186E+00	6.178E+00	1.163E+00
1.700E+03	8.032E-01	-1.366E+02	3.440E+01	2.355E+00	1.001E+00	7.395E+00	6.378E+00	1.159E+00
1.800E+03	7.581E-01	-1.338E+02	3.484E+01	2.419E+00	1.001E+00	7.708E+00	6.675E+00	1.154E+00
1.900E+03	7.174E-01	-1.309E+02	3.526E+01	2.480E+00	1.002E+00	8.171E+00	7.110E+00	1.148E+00
2.000E+03	6.802E-01	-1.278E+02	3.570E+01	2.540E+00	1.004E+00	8.830E+00	7.726E+00	1.141E+00
2.100E+03	6.458E-01	-1.244E+02	3.615E+01	2.596E+00	1.008E+00	9.735E+00	8.565E+00	1.134E+00
2.200E+03	6.136E-01	-1.207E+02	3.663E+01	2.657E+00	1.012E+00	1.093E+01	9.662E+00	1.127E+00
2.300E+03	5.831E-01	-1.164E+02	3.715E+01	2.717E+00	1.019E+00	1.244E+01	1.104E+01	1.120E+00
2.400E+03	5.538E-01	-1.115E+02	3.772E+01	2.782E+00	1.028E+00	1.430E+01	1.271E+01	1.115E+00
2.500E+03	5.254E-01	-1.059E+02	3.834E+01	2.851E+00	1.040E+00	1.648E+01	1.465E+01	1.111E+00
2.600E+03	4.976E-01	-9.941E+01	3.904E+01	2.926E+00	1.056E+00	1.897E+01	1.683E+01	1.108E+00
2.700E+03	4.704E-01	-9.198E+01	3.980E+01	3.008E+00	1.076E+00	2.169E+01	1.916E+01	1.107E+00
2.800E+03	4.436E-01	-8.352E+01	4.064E+01	3.097E+00	1.100E+00	2.454E+01	2.156E+01	1.107E+00
2.900E+03	4.175E-01	-7.400E+01	4.155E+01	3.193E+00	1.129E+00	2.742E+01	2.392E+01	1.108E+00
3.000E+03	3.921E-01	-6.346E+01	4.253E+01	3.297E+00	1.161E+00	3.017E+01	2.611E+01	1.109E+00
3.100E+03	3.677E-01	-5.194E+01	4.356E+01	3.408E+00	1.199E+00	3.267E+01	2.805E+01	1.111E+00
3.200E+03	3.445E-01	-3.957E+01	4.463E+01	3.526E+00	1.240E+00	3.483E+01	2.964E+01	1.114E+00
3.300E+03	3.226E-01	-2.649E+01	4.573E+01	3.650E+00	1.284E+00	3.657E+01	3.087E+01	1.118E+00
3.400E+03	3.021E-01	-1.285E+01	4.685E+01	3.778E+00	1.330E+00	3.789E+01	3.173E+01	1.122E+00
3.500E+03	2.831E-01	1.211E+00	4.796E+01	3.910E+00	1.379E+00	3.882E+01	3.226E+01	1.126E+00
3.600E+03	2.656E-01	1.554E+01	4.906E+01	4.045E+00	1.429E+00	3.941E+01	3.251E+01	1.131E+00
3.700E+03	2.495E-01	3.003E+01	5.015E+01	4.183E+00	1.480E+00	3.966E+01	3.250E+01	1.136E+00
3.800E+03	2.348E-01	4.455E+01	5.120E+01	4.321E+00	1.531E+00	3.959E+01	3.224E+01	1.141E+00
3.900E+03	2.214E-01	5.897E+01	5.223E+01	4.461E+00	1.582E+00	3.913E+01	3.169E+01	1.146E+00
4.000E+03	2.092E-01	7.315E+01	5.321E+01	4.600E+00	1.633E+00	3.822E+01	3.080E+01	1.152E+00
4.100E+03	1.982E-01	8.689E+01	5.413E+01	4.739E+00	1.681E+00	3.679E+01	2.954E+01	1.158E+00
4.200E+03	1.884E-01	1.000E+02	5.500E+01	4.875E+00	1.727E+00	3.483E+01	2.789E+01	1.165E+00
4.300E+03	1.796E-01	1.123E+02	5.579E+01	5.009E+00	1.769E+00	3.240E+01	2.588E+01	1.172E+00
4.400E+03	1.718E-01	1.237E+02	5.650E+01	5.140E+00	1.808E+00	2.962E+01	2.362E+01	1.181E+00
4.500E+03	1.649E-01	1.340E+02	5.714E+01	5.267E+00	1.841E+00	2.667E+01	2.124E+01	1.190E+00
4.600E+03	1.588E-01	1.432E+02	5.769E+01	5.391E+00	1.870E+00	2.374E+01	1.886E+01	1.201E+00
4.700E+03	1.534E-01	1.514E+02	5.817E+01	5.511E+00	1.895E+00	2.099E+01	1.662E+01	1.213E+00
4.800E+03	1.487E-01	1.586E+02	5.859E+01	5.629E+00	1.915E+00	1.853E+01	1.460E+01	1.226E+00
4.900E+03	1.444E-01	1.650E+02	5.895E+01	5.744E+00	1.931E+00	1.640E+01	1.285E+01	1.239E+00
5.000E+03	1.405E-01	1.707E+02	5.926E+01	5.855E+00	1.944E+00	1.462E+01	1.139E+01	1.254E+00
5.100E+03	1.370E-01	1.758E+02	5.953E+01	5.963E+00	1.955E+00	1.318E+01	1.019E+01	1.268E+00
5.200E+03	1.338E-01	1.804E+02	5.978E+01	6.066E+00	1.964E+00	1.202E+01	9.230E+00	1.281E+00
5.300E+03	1.308E-01	1.846E+02	6.000E+01	6.164E+00	1.971E+00	1.112E+01	8.484E+00	1.293E+00
5.400E+03	1.280E-01	1.886E+02	6.020E+01	6.254E+00	1.976E+00	1.044E+01	7.920E+00	1.303E+00
5.500E+03	1.254E-01	1.923E+02	6.039E+01	6.338E+00	1.981E+00	9.949E+00	7.517E+00	1.311E+00
5.600E+03	1.230E-01	1.959E+02	6.056E+01	6.412E+00	1.984E+00	9.625E+00	7.257E+00	1.315E+00
5.700E+03	1.206E-01	1.994E+02	6.073E+01	6.477E+00	1.988E+00	9.459E+00	7.134E+00	1.316E+00
5.800E+03	1.184E-01	2.028E+02	6.090E+01	6.531E+00	1.990E+00	9.451E+00	7.149E+00	1.314E+00
5.900E+03	1.162E-01	2.063E+02	6.106E+01	6.575E+00	1.993E+00	9.611E+00	7.311E+00	1.307E+00
6.000E+03	1.141E-01	2.099E+02	6.122E+01	6.607E+00	1.996E+00	9.959E+00	7.640E+00	1.296E+00
6.100E+03	1.121E-01	2.136E+02	6.139E+01	6.631E+00	1.998E+00	1.053E+01	8.162E+00	1.282E+00
6.200E+03	1.101E-01	2.176E+02	6.157E+01	6.647E+00	2.002E+00	1.136E+01	8.915E+00	1.266E+00
6.300E+03	1.081E-01	2.220E+02	6.176E+01	6.659E+00	2.006E+00	1.250E+01	9.944E+00	1.248E+00
6.400E+03	1.062E-01	2.268E+02	6.197E+01	6.670E+00	2.010E+00	1.402E+01	1.130E+01	1.229E+00
6.500E+03	1.043E-01	2.323E+02	6.220E+01	6.684E+00	2.016E+00	1.597E+01	1.303E+01	1.212E+00
6.600E+03	1.023E-01	2.386E+02	6.246E+01	6.704E+00	2.024E+00	1.843E+01	1.519E+01	1.196E+00
6.700E+03	1.003E-01	2.459E+02	6.276E+01	6.732E+00	2.033E+00	2.146E+01	1.782E+01	1.183E+00
6.800E+03	9.825E-02	2.544E+02	6.311E+01	6.769E+00	2.045E+00	2.509E+01	2.094E+01	1.171E+00
6.900E+03	9.614E-02	2.643E+02	6.350E+01	6.816E+00	2.060E+00	2.933E+01	2.454E+01	1.162E+00
7.000E+03	9.394E-02	2.759E+02	6.396E+01	6.874E+00	2.078E+00	3.416E+01	2.857E+01	1.155E+00
7.100E+03	9.166E-02	2.894E+02	6.448E+01	6.943E+00	2.100E+00	3.949E+01	3.295E+01	1.150E+00
7.200E+03	8.929E-02	3.049E+02	6.507E+01	7.023E+00	2.125E+00	4.519E+01	3.754E+01	1.146E+00
7.300E+03	8.684E-02	3.225E+02	6.574E+01	7.113E+00	2.155E+00	5.106E+01	4.218E+01	1.143E+00
7.400E+03	8.433E-02	3.423E+02	6.647E+01	7.213E+00	2.190E+00	5.688E+01	4.668E+01	1.141E+00
7.500E+03	8.177E-02	3.641E+02	6.727E+01	7.322E+00	2.228E+00	6.238E+01	5.086E+01	1.141E+00
7.600E+03	7.919E-02	3.879E+02	6.813E+01	7.440E+00	2.270E+00	6.730E+01	5.451E+01	1.141E+00
7.700E+03	7.663E-02	4.133E+02	6.904E+01	7.565E+00	2.316E+00	7.140E+01	5.748E+01	1.141E+00
7.800E+03	7.411E-02	4.400E+02	6.998E+01	7.696E+00	2.364E+00	7.445E+01	5.963E+01	1.142E+00
7.900E+03	7.166E-02	4.677E+02	7.094E+01	7.832E+00	2.413E+00	7.633E+01	6.089E+01	1.144E+00
8.000E+03	6.932E-02	4.958E+02	7.191E+01	7.971E+00	2.464E+00	7.696E+01	6.123E+01	1.146E+00
8.200E+03	6.499E-02	5.515E+02	7.379E+01	8.251E+00	2.564E+00	7.464E+01	5.926E+01	1.151E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	6.121E-02	6.041E+02	7.552E+01	8.528E+00	2.657E+00	6.852E+01	5.447E+01	1.158E+00
8.600E+03	5.799E-02	6.514E+02	7.704E+01	8.796E+00	2.740E+00	6.030E+01	4.805E+01	1.167E+00
8.800E+03	5.527E-02	6.923E+02	7.832E+01	9.052E+00	2.809E+00	5.167E+01	4.124E+01	1.178E+00
9.000E+03	5.297E-02	7.272E+02	7.940E+01	9.296E+00	2.866E+00	4.382E+01	3.495E+01	1.191E+00
9.200E+03	5.100E-02	7.568E+02	8.028E+01	9.530E+00	2.912E+00	3.734E+01	2.970E+01	1.205E+00
9.400E+03	4.928E-02	7.823E+02	8.103E+01	9.752E+00	2.950E+00	3.238E+01	2.562E+01	1.219E+00
9.600E+03	4.775E-02	8.046E+02	8.167E+01	9.961E+00	2.981E+00	2.881E+01	2.267E+01	1.233E+00
9.800E+03	4.636E-02	8.247E+02	8.224E+01	1.015E+01	3.007E+00	2.641E+01	2.067E+01	1.244E+00
1.000E+04	4.509E-02	8.435E+02	8.276E+01	1.033E+01	3.030E+00	2.495E+01	1.944E+01	1.252E+00
1.020E+04	4.389E-02	8.615E+02	8.324E+01	1.049E+01	3.052E+00	2.423E+01	1.883E+01	1.257E+00
1.040E+04	4.276E-02	8.791E+02	8.371E+01	1.064E+01	3.072E+00	2.407E+01	1.868E+01	1.259E+00
1.060E+04	4.169E-02	8.968E+02	8.417E+01	1.077E+01	3.092E+00	2.436E+01	1.891E+01	1.258E+00
1.080E+04	4.065E-02	9.149E+02	8.463E+01	1.090E+01	3.112E+00	2.500E+01	1.941E+01	1.256E+00
1.100E+04	3.964E-02	9.335E+02	8.510E+01	1.102E+01	3.133E+00	2.591E+01	2.015E+01	1.253E+00
1.120E+04	3.866E-02	9.529E+02	8.558E+01	1.115E+01	3.155E+00	2.705E+01	2.105E+01	1.250E+00
1.140E+04	3.771E-02	9.732E+02	8.607E+01	1.127E+01	3.178E+00	2.838E+01	2.211E+01	1.246E+00
1.160E+04	3.678E-02	9.945E+02	8.657E+01	1.139E+01	3.203E+00	2.986E+01	2.328E+01	1.242E+00
1.180E+04	3.586E-02	1.017E+03	8.710E+01	1.152E+01	3.229E+00	3.148E+01	2.455E+01	1.238E+00
1.200E+04	3.496E-02	1.041E+03	8.764E+01	1.165E+01	3.257E+00	3.322E+01	2.590E+01	1.235E+00
1.220E+04	3.408E-02	1.066E+03	8.821E+01	1.179E+01	3.286E+00	3.505E+01	2.732E+01	1.232E+00
1.240E+04	3.321E-02	1.092E+03	8.879E+01	1.192E+01	3.318E+00	3.698E+01	2.880E+01	1.229E+00
1.260E+04	3.236E-02	1.120E+03	8.940E+01	1.207E+01	3.351E+00	3.899E+01	3.033E+01	1.226E+00
1.280E+04	3.152E-02	1.149E+03	9.003E+01	1.221E+01	3.386E+00	4.108E+01	3.190E+01	1.223E+00
1.300E+04	3.070E-02	1.180E+03	9.068E+01	1.237E+01	3.424E+00	4.323E+01	3.352E+01	1.221E+00
1.320E+04	2.989E-02	1.212E+03	9.136E+01	1.252E+01	3.463E+00	4.544E+01	3.516E+01	1.219E+00
1.340E+04	2.909E-02	1.246E+03	9.206E+01	1.268E+01	3.505E+00	4.770E+01	3.684E+01	1.217E+00
1.360E+04	2.831E-02	1.282E+03	9.278E+01	1.285E+01	3.549E+00	5.001E+01	3.854E+01	1.216E+00
1.380E+04	2.754E-02	1.320E+03	9.353E+01	1.302E+01	3.595E+00	5.236E+01	4.025E+01	1.214E+00
1.400E+04	2.679E-02	1.359E+03	9.430E+01	1.319E+01	3.642E+00	5.474E+01	4.198E+01	1.213E+00
1.420E+04	2.606E-02	1.400F+03	9.509E+01	1.337E+01	3.692E+00	5.715E+01	4.371E+01	1.212E+00
1.440E+04	2.534E-02	1.443E+03	9.591E+01	1.355E+01	3.745E+00	5.958E+01	4.545E+01	1.211E+00
1.460E+04	2.464E-02	1.487E+03	9.675E+01	1.374E+01	3.799E+00	6.200E+01	4.717E+01	1.210E+00
1.480E+04	2.395E-02	1.533E+03	9.761E+01	1.393E+01	3.855E+00	6.441E+01	4.887E+01	1.210E+00
1.500E+04	2.328E-02	1.581E+03	9.849E+01	1.413E+01	3.913E+00	6.679E+01	5.054E+01	1.209E+00
1.520E+04	2.263E-02	1.631E+03	9.939E+01	1.433E+01	3.973E+00	6.912E+01	5.216E+01	1.209E+00
1.540E+04	2.199E-02	1.683E+03	1.003E+02	1.453E+01	4.034E+00	7.137E+01	5.371E+01	1.209E+00
1.560E+04	2.137E-02	1.736E+03	1.012E+02	1.474E+01	4.098E+00	7.351E+01	5.518E+01	1.209E+00
1.580E+04	2.078E-02	1.790E+03	1.022E+02	1.496E+01	4.163E+00	7.551E+01	5.654E+01	1.209E+00
1.600E+04	2.019E-02	1.846E+03	1.032E+02	1.517E+01	4.229E+00	7.736E+01	5.778E+01	1.210E+00
1.620E+04	1.963E-02	1.904E+03	1.041E+02	1.539E+01	4.296E+00	7.900E+01	5.887E+01	1.210E+00
1.640E+04	1.909E-02	1.962E+03	1.051E+02	1.561E+01	4.364E+00	8.041E+01	5.980E+01	1.211E+00
1.660E+04	1.857E-02	2.021E+03	1.061E+02	1.584E+01	4.433E+00	8.157E+01	6.055E+01	1.212E+00
1.680E+04	1.806E-02	2.081E+03	1.071E+02	1.607E+01	4.503E+00	8.244E+01	6.109E+01	1.213E+00
1.700E+04	1.758E-02	2.142E+03	1.080E+02	1.630E+01	4.572E+00	8.301E+01	6.142E+01	1.214E+00
1.720E+04	1.711E-02	2.203E+03	1.090E+02	1.653E+01	4.642E+00	8.325E+01	6.153E+01	1.216E+00
1.740E+04	1.667E-02	2.264E+03	1.100E+02	1.676E+01	4.710E+00	8.317E+01	6.141E+01	1.218E+00
1.760E+04	1.625E-02	2.324E+03	1.109E+02	1.699E+01	4.779E+00	8.275E+01	6.106E+01	1.220E+00
1.780E+04	1.584E-02	2.385E+03	1.119E+02	1.722E+01	4.846E+00	8.200E+01	6.049E+01	1.222E+00
1.800E+04	1.546E-02	2.444E+03	1.128E+02	1.745E+01	4.911E+00	8.095E+01	5.970E+01	1.224E+00
1.820E+04	1.509E-02	2.503E+03	1.137E+02	1.768E+01	4.975E+00	7.960E+01	5.870E+01	1.227E+00
1.840E+04	1.474E-02	2.561E+03	1.145E+02	1.791E+01	5.037E+00	7.799E+01	5.752E+01	1.230E+00
1.860E+04	1.441E-02	2.617E+03	1.154E+02	1.813E+01	5.097E+00	7.614E+01	5.617E+01	1.233E+00
1.880E+04	1.410E-02	2.672E+03	1.162E+02	1.836E+01	5.155E+00	7.410E+01	5.468E+01	1.236E+00
1.900E+04	1.380E-02	2.726E+03	1.169E+02	1.858E+01	5.211E+00	7.189E+01	5.308E+01	1.240E+00
1.920E+04	1.352E-02	2.778E+03	1.177E+02	1.880E+01	5.263E+00	6.956E+01	5.138E+01	1.244E+00
1.940E+04	1.325E-02	2.828E+03	1.184E+02	1.902E+01	5.314E+00	6.715E+01	4.962E+01	1.247E+00
1.960E+04	1.300E-02	2.878E+03	1.191E+02	1.923E+01	5.361E+00	6.470E+01	4.782E+01	1.252E+00
1.980E+04	1.277E-02	2.923E+03	1.197E+02	1.945E+01	5.406E+00	6.223E+01	4.600E+01	1.256E+00
2.000E+04	1.254E-02	2.967E+03	1.203E+02	1.966E+01	5.448E+00	5.979E+01	4.419E+01	1.260E+00
2.020E+04	1.233E-02	3.010E+03	1.209E+02	1.986E+01	5.488E+00	5.739E+01	4.242E+01	1.265E+00
2.040E+04	1.212E-02	3.051E+03	1.215E+02	2.007E+01	5.525E+00	5.506E+01	4.068E+01	1.270E+00
2.060E+04	1.193E-02	3.091E+03	1.220E+02	2.027E+01	5.560E+00	5.282E+01	3.901E+01	1.275E+00
2.080E+04	1.175E-02	3.129E+03	1.225E+02	2.046E+01	5.593E+00	5.069E+01	3.742E+01	1.280E+00
2.100E+04	1.157E-02	3.165E+03	1.230E+02	2.066E+01	5.623E+00	4.868E+01	3.591E+01	1.285E+00
2.120E+04	1.140E-02	3.200E+03	1.234E+02	2.085E+01	5.651E+00	4.680E+01	3.450E+01	1.289E+00
2.140E+04	1.125E-02	3.234E+03	1.238E+02	2.103E+01	5.678E+00	4.506E+01	3.319E+01	1.294E+00
2.160E+04	1.109E-02	3.266E+03	1.242E+02	2.121E+01	5.703E+00	4.346E+01	3.199E+01	1.299E+00
2.180E+04	1.095E-02	3.297E+03	1.246E+02	2.139E+01	5.726E+00	4.201E+01	3.089E+01	1.303E+00
2.200E+04	1.081E-02	3.328E+03	1.250E+02	2.156E+01	5.747E+00	4.071E+01	2.991E+01	1.307E+00
2.220E+04	1.067E-02	3.357E+03	1.254E+02	2.173E+01	5.767E+00	3.955E+01	2.904E+01	1.311E+00
2.240E+04	1.054E-02	3.385E+03	1.257E+02	2.189E+01	5.786E+00	3.853E+01	2.828E+01	1.314E+00
2.260E+04	1.042E-02	3.413E+03	1.261E+02	2.204E+01	5.804E+00	3.767E+01	2.764E+01	1.317E+00
2.280E+04	1.030E-02	3.441E+03	1.264E+02	2.219E+01	5.821E+00	3.695E+01	2.712E+01	1.319E+00
2.300E+04	1.018E-02	3.468E+03	1.267E+02	2.233E+01	5.837E+00	3.637E+01	2.671E+01	1.320E+00
2.320E+04	1.006E-02	3.494E+03	1.270E+02	2.246E+01	5.852E+00	3.593E+01	2.640E+01	1.321E+00
2.340E+04	9.953E-03	3.520E+03	1.273E+02	2.259E+01	5.867E+00	3.564E+01	2.622E+01	1.321E+00
2.360E+04	9.845E-03	3.546E+03	1.276E+02	2.270E+01	5.881E+00	3.548E+01	2.614E+01	1.320E+00
2.380E+04	9.740E-03	3.572E+03	1.279E+02	2.281E+01	5.894E+00	3.545E+01	2.617E+01	1.319E+00
2.400E+04	9.637E-03	3.598E+03	1.282E+02	2.292E+01	5.908E+00	3.557E+01	2.631E+01	1.317E+00
2.420E+04	9.536E-03	3.624E+03	1.285E+02	2.302E+01	5.921E+00	3.581E+01	2.656E+01	1.314E+00
2.440E+04	9.437E-03	3.651E+03	1.288E+02	2.311E+01	5.934E+00	3.619E+01	2.692E+01	1.311E+00
2.460E+04	9.340E-03	3.677E+03	1.291E+02	2.319E+01	5.947E+00	3.670E+01	2.738E+01	1.307E+00
2.480E+04	9.245E-03	3.704E+03	1.294E+02	2.328E+01	5.960E+00	3.734E+01	2.795E+01	1.303E+00
2.500E+04	9.151E-03	3.732E+03	1.297E+02	2.336E+01	5.973E+00	3.810E+01	2.861E+01	1.299E+00

Table I. - Continued.

P/P0 = 6.00E+00

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E+01	-1.718E+02	1.973E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E+00	-1.705E+02	2.225E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E+00	-1.690E+02	2.394E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E+00	-1.672E+02	2.529E+01	1.187E+00	1.000E+00	4.966E+00	3.966E+00	1.252E+00
5.000E+02	3.279E+00	-1.653E+02	2.645E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E+00	-1.633E+02	2.745E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E+00	-1.612E+02	2.835E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E+00	-1.590E+02	2.916E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E+00	-1.567E+02	2.990E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E+00	-1.543E+02	3.058E+01	1.823E+00	1.000E+00	6.508E+00	5.508E+00	1.182E+00
1.100E+03	1.491E+00	-1.519E+02	3.120E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.366E+00	-1.494E+02	3.179E+01	1.991E+00	1.000E+00	6.745E+00	5.745E+00	1.174E+00
1.300E+03	1.261E+00	-1.470E+02	3.233E+01	2.070E+00	1.000E+00	6.841E+00	5.841E+00	1.171E+00
1.400E+03	1.171E+00	-1.444E+02	3.284E+01	2.145E+00	1.000E+00	6.934E+00	5.934E+00	1.169E+00
1.500E+03	1.093E+00	-1.419E+02	3.332E+01	2.218E+00	1.000E+00	7.039E+00	6.039E+00	1.166E+00
1.600E+03	1.025E+00	-1.393E+02	3.378E+01	2.288E+00	1.000E+00	7.177E+00	6.169E+00	1.163E+00
1.700E+03	9.639E-01	-1.366E+02	3.422E+01	2.355E+00	1.001E+00	7.376E+00	6.360E+00	1.159E+00
1.800E+03	9.078E-01	-1.339E+02	3.465E+01	2.420E+00	1.001E+00	7.673E+00	6.642E+00	1.155E+00
1.900E+03	8.440E-01	-1.310E+02	3.508E+01	2.481E+00	1.002E+00	8.110E+00	7.054E+00	1.149E+00
2.000E+03	8.14E-01	-1.279E+02	3.551E+01	2.540E+00	1.004E+00	8.733E+00	7.635E+00	1.142E+00
2.100E+03	7.753E-01	-1.246E+02	3.595E+01	2.599E+00	1.007E+00	9.587E+00	8.427E+00	1.135E+00
2.200E+03	7.368E-01	-1.208E+02	3.642E+01	2.657E+00	1.011E+00	1.071E+01	9.463E+00	1.128E+00
2.300E+03	7.005E-01	-1.167E+02	3.693E+01	2.717E+00	1.018E+00	1.214E+01	1.077E+01	1.121E+00
2.400E+03	6.656E-01	-1.119E+02	3.748E+01	2.781E+00	1.026E+00	1.390E+01	1.235E+01	1.116E+00
2.500E+03	6.319E-01	-1.065E+02	3.809E+01	2.849E+00	1.038E+00	1.596E+01	1.419E+01	1.112E+00
2.600E+03	5.990E-01	-1.002E+02	3.876E+01	2.923E+00	1.053E+00	1.832E+01	1.625E+01	1.109E+00
2.700E+03	5.667E-01	-9.302E+01	3.950E+01	3.003E+00	1.072E+00	2.092E+01	1.848E+01	1.108E+00
2.800E+03	5.351E-01	-8.486E+01	4.031E+01	3.090E+00	1.094E+00	2.365E+01	2.079E+01	1.107E+00
2.900E+03	5.041E-01	-7.569E+01	4.119E+01	3.184E+00	1.121E+00	2.643E+01	2.308E+01	1.108E+00
3.000E+03	4.741E-01	-6.552E+01	4.213E+01	3.285E+00	1.153E+00	2.911E+01	2.523E+01	1.109E+00
3.100E+03	4.451E-01	-5.440E+01	4.313E+01	3.394E+00	1.188E+00	3.159E+01	2.715E+01	1.112E+00
3.200E+03	4.174E-01	-4.243E+01	4.417E+01	3.509E+00	1.228E+00	3.374E+01	2.876E+01	1.114E+00
3.300E+03	3.912E-01	-2.974E+01	4.523E+01	3.630E+00	1.270E+00	3.552E+01	3.003E+01	1.118E+00
3.400E+03	3.667E-01	-1.647E+01	4.631E+01	3.756E+00	1.315E+00	3.689E+01	3.094E+01	1.122E+00
3.500E+03	3.439E-01	-2.770E+00	4.740E+01	3.886E+00	1.362E+00	3.788E+01	3.153E+01	1.126E+00
3.600E+03	3.229E-01	1.123E+01	4.848E+01	4.018E+00	1.411E+00	3.853E+01	3.183E+01	1.130E+00
3.700E+03	3.035E-01	2.541E+01	4.954E+01	4.154E+00	1.460E+00	3.887E+01	3.190E+01	1.135E+00
3.800E+03	2.857E-01	3.966E+01	5.057E+01	4.290E+00	1.510E+00	3.891E+01	3.172E+01	1.140E+00
3.900E+03	2.694E-01	5.386E+01	5.158E+01	4.428E+00	1.560E+00	3.862E+01	3.131E+01	1.145E+00
4.000E+03	2.546E-01	6.789E+01	5.255E+01	4.566E+00	1.610E+00	3.794E+01	3.060E+01	1.151E+00
4.100E+03	2.412E-01	8.159E+01	5.348E+01	4.703E+00	1.658E+00	3.680E+01	2.956E+01	1.157E+00
4.200E+03	2.291E-01	9.478E+01	5.434E+01	4.840E+00	1.704E+00	3.517E+01	2.816E+01	1.163E+00
4.300E+03	2.182E-01	1.073E+02	5.515E+01	4.973E+00	1.747E+00	3.307E+01	2.641E+01	1.170E+00
4.400E+03	2.085E-01	1.189E+02	5.588E+01	5.104E+00	1.787E+00	3.058E+01	2.437E+01	1.178E+00
4.500E+03	2.000E-01	1.297E+02	5.654E+01	5.232E+00	1.822E+00	2.785E+01	2.215E+01	1.187E+00
4.600E+03	1.923E-01	1.393E+02	5.712E+01	5.357E+00	1.853E+00	2.503E+01	1.987E+01	1.197E+00
4.700E+03	1.856E-01	1.480E+02	5.763E+01	5.478E+00	1.880E+00	2.230E+01	1.766E+01	1.208E+00
4.800E+03	1.796E-01	1.557E+02	5.807E+01	5.596E+00	1.902E+00	1.978E+01	1.560E+01	1.220E+00
4.900E+03	1.743E-01	1.625E+02	5.846E+01	5.711E+00	1.920E+00	1.754E+01	1.378E+01	1.232E+00
5.000E+03	1.695E-01	1.686E+02	5.879E+01	5.823E+00	1.935E+00	1.563E+01	1.221E+01	1.246E+00
5.100E+03	1.651E-01	1.740E+02	5.908E+01	5.932E+00	1.947E+00	1.404E+01	1.089E+01	1.260E+00
5.200E+03	1.611E-01	1.789E+02	5.934E+01	6.037E+00	1.957E+00	1.275E+01	9.824E+00	1.273E+00
5.300E+03	1.574E-01	1.834E+02	5.958E+01	6.137E+00	1.965E+00	1.172E+01	8.973E+00	1.285E+00
5.400E+03	1.540E-01	1.875E+02	5.979E+01	6.231E+00	1.972E+00	1.092E+01	8.313E+00	1.296E+00
5.500E+03	1.508E-01	1.914E+02	5.998E+01	6.318E+00	1.977E+00	1.032E+01	7.821E+00	1.305E+00
5.600E+03	1.478E-01	1.951E+02	6.016E+01	6.397E+00	1.981E+00	9.903E+00	7.479E+00	1.311E+00
5.700E+03	1.449E-01	1.987E+02	6.034E+01	6.468E+00	1.985E+00	9.642E+00	7.275E+00	1.314E+00
5.800E+03	1.422E-01	2.022E+02	6.050E+01	6.528E+00	1.988E+00	9.538E+00	7.207E+00	1.314E+00
5.900E+03	1.394E-01	2.057E+02	6.067E+01	6.578E+00	1.991E+00	9.593E+00	7.277E+00	1.310E+00
6.000E+03	1.371E-01	2.092E+02	6.083E+01	6.617E+00	1.993E+00	9.821E+00	7.500E+00	1.301E+00
6.100E+03	1.346E-01	2.129E+02	6.100E+01	6.647E+00	1.996E+00	1.025E+01	7.897E+00	1.290E+00
6.200E+03	1.323E-01	2.168E+02	6.117E+01	6.668E+00	1.999E+00	1.090E+01	8.497E+00	1.275E+00
6.300E+03	1.299E-01	2.209E+02	6.135E+01	6.683E+00	2.003E+00	1.183E+01	9.337E+00	1.258E+00
6.400E+03	1.276E-01	2.255E+02	6.154E+01	6.695E+00	2.007E+00	1.309E+01	1.046E+01	1.241E+00
6.500E+03	1.254E-01	2.305E+02	6.176E+01	6.708E+00	2.012E+00	1.473E+01	1.192E+01	1.223E+00
6.600E+03	1.231E-01	2.363E+02	6.200E+01	6.725E+00	2.019E+00	1.681E+01	1.376E+01	1.207E+00
6.700E+03	1.207E-01	2.429E+02	6.227E+01	6.748E+00	2.027E+00	1.940E+01	1.602E+01	1.192E+00
6.800E+03	1.184E-01	2.506E+02	6.258E+01	6.780E+00	2.037E+00	2.253E+01	1.873E+01	1.180E+00
6.900E+03	1.159E-01	2.595E+02	6.294E+01	6.821E+00	2.050E+00	2.625E+01	2.191E+01	1.169E+00
7.000E+03	1.134E-01	2.699E+02	6.335E+01	6.871E+00	2.065E+00	3.054E+01	2.552E+01	1.161E+00
7.100E+03	1.108E-01	2.819E+02	6.381E+01	6.933E+00	2.084E+00	3.536E+01	2.952E+01	1.155E+00
7.200E+03	1.081E-01	2.958E+02	6.434E+01	7.004E+00	2.107E+00	4.062E+01	3.381E+01	1.150E+00
7.300E+03	1.053E-01	3.117E+02	6.494E+01	7.086E+00	2.133E+00	4.617E+01	3.825E+01	1.146E+00
7.400E+03	1.024E-01	3.297E+02	6.561E+01	7.178E+00	2.164E+00	5.183E+01	4.269E+01	1.142E+00
7.500E+03	9.943E-02	3.498E+02	6.634E+01	7.280E+00	2.199E+00	5.736E+01	4.694E+01	1.143E+00
7.600E+03	9.643E-02	3.716E+02	6.714E+01	7.391E+00	2.237E+00	6.253E+01	5.083E+01	1.142E+00
7.700E+03	9.342E-02	3.954E+02	6.798E+01	7.509E+00	2.279E+00	6.709E+01	5.420E+01	1.142E+00
7.800E+03	9.043E-02	4.206E+02	6.887E+01	7.634E+00	2.325E+00	7.083E+01	5.688E+01	1.143E+00
7.900E+03	8.750E-02	4.471E+02	6.980E+01	7.765E+00	2.372E+00	7.355E+01	5.879E+01	1.144E+00
8.000E+03	8.466E-02	4.744E+02	7.073E+01	7.900E+00	2.421E+00	7.515E+01	5.984E+01	1.146E+00
8.200E+03	7.935E-02	5.295E+02	7.259E+01	8.176E+00	2.520E+00	7.485E+01	5.937E+01	1.150E+00



Table I. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	7.464E-02	5.830E+02	7.435E+01	8.453E+00	2.615E+00	7.045E+01	5.586E+01	1.156E+00
8.600E+03	7.058E-02	6.320E+02	7.593E+01	8.723E+00	2.701E+00	6.330E+01	5.029E+01	1.165E+00
8.800E+03	6.712E-02	6.754E+02	7.729E+01	8.983E+00	2.775E+00	5.505E+01	4.383E+01	1.174E+00
9.000E+03	6.421E-02	7.127E+02	7.844E+01	9.231E+00	2.837E+00	4.705E+01	3.748E+01	1.186E+00
9.200E+03	6.171E-02	7.445E+02	7.939E+01	9.468E+00	2.888E+00	4.011E+01	3.189E+01	1.199E+00
9.400E+03	5.955E-02	7.718E+02	8.019E+01	9.695E+00	2.929E+00	3.456E+01	2.737E+01	1.213E+00
9.600E+03	5.764E-02	7.955E+02	8.087E+01	9.910E+00	2.963E+00	3.040E+01	2.395E+01	1.227E+00
9.800E+03	5.593E-02	8.166E+02	8.147E+01	1.011E+01	2.992E+00	2.746E+01	2.152E+01	1.240E+00
1.000E+04	5.436E-02	8.359E+02	8.200E+01	1.030E+01	3.016E+00	2.554E+01	1.991E+01	1.249E+00
1.020E+04	5.291E-02	8.542E+02	8.250E+01	1.046E+01	3.038E+00	2.442E+01	1.897E+01	1.256E+00
1.040E+04	5.154E-02	8.719E+02	8.296E+01	1.062E+01	3.059E+00	2.394E+01	1.856E+01	1.260E+00
1.060E+04	5.024E-02	8.894E+02	8.342E+01	1.076E+01	3.079E+00	2.394E+01	1.855E+01	1.261E+00
1.080E+04	4.900E-02	9.070E+02	8.387E+01	1.089E+01	3.099E+00	2.433E+01	1.885E+01	1.260E+00
1.100E+04	4.780E-02	9.251E+02	8.432E+01	1.102E+01	3.119E+00	2.503E+01	1.941E+01	1.258E+00
1.120E+04	4.663E-02	9.437E+02	8.478E+01	1.114E+01	3.139E+00	2.598E+01	2.017E+01	1.254E+00
1.140E+04	4.550E-02	9.632E+02	8.525E+01	1.126E+01	3.161E+00	2.712E+01	2.108E+01	1.251E+00
1.160E+04	4.439E-02	9.835E+02	8.573E+01	1.138E+01	3.184E+00	2.844E+01	2.212E+01	1.247E+00
1.180E+04	4.331E-02	1.005E+03	8.623E+01	1.151E+01	3.209E+00	2.990E+01	2.327E+01	1.243E+00
1.200E+04	4.224E-02	1.027E+03	8.675E+01	1.163E+01	3.234E+00	3.148E+01	2.450E+01	1.239E+00
1.220E+04	4.120E-02	1.051E+03	8.728E+01	1.176E+01	3.262E+00	3.317E+01	2.582E+01	1.236E+00
1.240E+04	4.018E-02	1.076E+03	8.784E+01	1.190E+01	3.291E+00	3.496E+01	2.719E+01	1.233E+00
1.260E+04	3.917E-02	1.102E+03	8.841E+01	1.203E+01	3.322E+00	3.683E+01	2.863E+01	1.230E+00
1.280E+04	3.818E-02	1.130E+03	8.901E+01	1.218E+01	3.355E+00	3.878E+01	3.011E+01	1.227E+00
1.300E+04	3.720E-02	1.159E+03	8.962E+01	1.232E+01	3.390E+00	4.079E+01	3.163E+01	1.225E+00
1.320E+04	3.625E-02	1.190E+03	9.026E+01	1.247E+01	3.427E+00	4.287E+01	3.319E+01	1.223E+00
1.340E+04	3.531E-02	1.222E+03	9.092E+01	1.263E+01	3.466E+00	4.501E+01	3.478E+01	1.221E+00
1.360E+04	3.438E-02	1.256E+03	9.160E+01	1.279E+01	3.507E+00	4.720E+01	3.639E+01	1.219E+00
1.380E+04	3.347E-02	1.291E+03	9.231E+01	1.295E+01	3.549E+00	4.943E+01	3.803E+01	1.217E+00
1.400E+04	3.258E-02	1.328E+03	9.304E+01	1.312E+01	3.594E+00	5.170E+01	3.968E+01	1.216E+00
1.420E+04	3.171E-02	1.367E+03	9.379E+01	1.329E+01	3.641E+00	5.400E+01	4.134E+01	1.215E+00
1.440E+04	3.086E-02	1.407E+03	9.456E+01	1.347E+01	3.690E+00	5.632E+01	4.301E+01	1.214E+00
1.460E+04	3.002E-02	1.449E+03	9.535E+01	1.365E+01	3.741E+00	5.866E+01	4.468E+01	1.213E+00
1.480E+04	2.920E-02	1.493E+03	9.616E+01	1.384E+01	3.794E+00	6.099E+01	4.633E+01	1.212E+00
1.500E+04	2.840E-02	1.538E+03	9.700E+01	1.403E+01	3.848E+00	6.331E+01	4.797E+01	1.211E+00
1.520E+04	2.763E-02	1.586E+03	9.785E+01	1.422E+01	3.905E+00	6.560E+01	4.957E+01	1.211E+00
1.540E+04	2.686E-02	1.635E+03	9.872E+01	1.442E+01	3.963E+00	6.784E+01	5.112E+01	1.211E+00
1.560E+04	2.612E-02	1.685E+03	9.961E+01	1.462E+01	4.023E+00	7.000E+01	5.261E+01	1.211E+00
1.580E+04	2.540E-02	1.737E+03	1.005E+02	1.483E+01	4.085E+00	7.207E+01	5.402E+01	1.211E+00
1.600E+04	2.471E-02	1.790E+03	1.014E+02	1.504E+01	4.148E+00	7.401E+01	5.533E+01	1.211E+00
1.620E+04	2.403E-02	1.845E+03	1.024E+02	1.525E+01	4.212E+00	7.579E+01	5.653E+01	1.211E+00
1.640E+04	2.337E-02	1.901E+03	1.033E+02	1.546E+01	4.278E+00	7.740E+01	5.760E+01	1.212E+00
1.660E+04	2.274E-02	1.959E+03	1.043E+02	1.568E+01	4.344E+00	7.879E+01	5.851E+01	1.213E+00
1.680E+04	2.212E-02	2.017E+03	1.052E+02	1.591E+01	4.411E+00	7.995E+01	5.925E+01	1.214E+00
1.700E+04	2.153E-02	2.076E+03	1.062E+02	1.613E+01	4.479E+00	8.085E+01	5.981E+01	1.215E+00
1.720E+04	2.097E-02	2.135E+03	1.071E+02	1.636E+01	4.547E+00	8.148E+01	6.018E+01	1.216E+00
1.740E+04	2.042E-02	2.195E+03	1.081E+02	1.658E+01	4.615E+00	8.179E+01	6.034E+01	1.218E+00
1.760E+04	1.990E-02	2.255E+03	1.090E+02	1.681E+01	4.682E+00	8.180E+01	6.029E+01	1.219E+00
1.780E+04	1.940E-02	2.315E+03	1.099E+02	1.704E+01	4.749E+00	8.151E+01	6.003E+01	1.221E+00
1.800E+04	1.892E-02	2.374E+03	1.108E+02	1.727E+01	4.815E+00	8.091E+01	5.956E+01	1.223E+00
1.820E+04	1.846E-02	2.433E+03	1.117E+02	1.750E+01	4.879E+00	8.002E+01	5.888E+01	1.226E+00
1.840E+04	1.803E-02	2.491E+03	1.126E+02	1.772E+01	4.942E+00	7.885E+01	5.801E+01	1.228E+00
1.860E+04	1.762E-02	2.548E+03	1.134E+02	1.795E+01	5.004E+00	7.742E+01	5.696E+01	1.231E+00
1.880E+04	1.723E-02	2.605E+03	1.142E+02	1.818E+01	5.063E+00	7.577E+01	5.576E+01	1.234E+00
1.900E+04	1.685E-02	2.659E+03	1.150E+02	1.840E+01	5.121E+00	7.391E+01	5.440E+01	1.237E+00
1.920E+04	1.650E-02	2.713E+03	1.158E+02	1.862E+01	5.176E+00	7.189E+01	5.294E+01	1.240E+00
1.940E+04	1.616E-02	2.765E+03	1.165E+02	1.884E+01	5.229E+00	6.974E+01	5.137E+01	1.244E+00
1.960E+04	1.585E-02	2.815E+03	1.172E+02	1.906E+01	5.279E+00	6.750E+01	4.973E+01	1.248E+00
1.980E+04	1.554E-02	2.863E+03	1.179E+02	1.927E+01	5.327E+00	6.518E+01	4.805E+01	1.252E+00
2.000E+04	1.526E-02	2.910E+03	1.185E+02	1.948E+01	5.373E+00	6.286E+01	4.634E+01	1.256E+00
2.020E+04	1.499E-02	2.955E+03	1.192E+02	1.969E+01	5.415E+00	6.052E+01	4.462E+01	1.260E+00
2.040E+04	1.473E-02	2.999E+03	1.197E+02	1.990E+01	5.456E+00	5.822E+01	4.292E+01	1.264E+00
2.060E+04	1.449E-02	3.041E+03	1.203E+02	2.010E+01	5.494E+00	5.597E+01	4.126E+01	1.269E+00
2.080E+04	1.426E-02	3.081E+03	1.208E+02	2.030E+01	5.530E+00	5.379E+01	3.964E+01	1.274E+00
2.100E+04	1.403E-02	3.120E+03	1.213E+02	2.050E+01	5.563E+00	5.170E+01	3.809E+01	1.278E+00
2.120E+04	1.382E-02	3.157E+03	1.218E+02	2.069E+01	5.595E+00	4.972E+01	3.661E+01	1.283E+00
2.140E+04	1.362E-02	3.192E+03	1.223E+02	2.088E+01	5.624E+00	4.785E+01	3.521E+01	1.288E+00
2.160E+04	1.343E-02	3.227E+03	1.227E+02	2.107E+01	5.652E+00	4.611E+01	3.390E+01	1.292E+00
2.180E+04	1.325E-02	3.260E+03	1.231E+02	2.125E+01	5.677E+00	4.449E+01	3.269E+01	1.297E+00
2.200E+04	1.307E-02	3.292E+03	1.235E+02	2.143E+01	5.701E+00	4.301E+01	3.158E+01	1.301E+00
2.220E+04	1.290E-02	3.323E+03	1.239E+02	2.160E+01	5.724E+00	4.167E+01	3.058E+01	1.305E+00
2.240E+04	1.274E-02	3.353E+03	1.243E+02	2.177E+01	5.745E+00	4.047E+01	2.968E+01	1.309E+00
2.260E+04	1.259E-02	3.382E+03	1.246E+02	2.193E+01	5.765E+00	3.940E+01	2.888E+01	1.312E+00
2.280E+04	1.243E-02	3.411E+03	1.250E+02	2.209E+01	5.783E+00	3.848E+01	2.820E+01	1.315E+00
2.300E+04	1.229E-02	3.439E+03	1.253E+02	2.224E+01	5.801E+00	3.769E+01	2.762E+01	1.317E+00
2.320E+04	1.215E-02	3.466E+03	1.256E+02	2.238E+01	5.818E+00	3.704E+01	2.715E+01	1.319E+00
2.340E+04	1.201E-02	3.493E+03	1.260E+02	2.251E+01	5.834E+00	3.652E+01	2.679E+01	1.320E+00
2.360E+04	1.188E-02	3.520E+03	1.263E+02	2.264E+01	5.849E+00	3.614E+01	2.654E+01	1.321E+00
2.380E+04	1.175E-02	3.546E+03	1.266E+02	2.277E+01	5.864E+00	3.589E+01	2.639E+01	1.320E+00
2.400E+04	1.162E-02	3.572E+03	1.269E+02	2.288E+01	5.878E+00	3.578E+01	2.635E+01	1.319E+00
2.420E+04	1.150E-02	3.598E+03	1.272E+02	2.299E+01	5.892E+00	3.579E+01	2.641E+01	1.318E+00
2.440E+04	1.138E-02	3.625E+03	1.275E+02	2.309E+01	5.905E+00	3.594E+01	2.658E+01	1.316E+00
2.460E+04	1.126E-02	3.651E+03	1.278E+02	2.319E+01	5.918E+00	3.621E+01	2.685E+01	1.313E+00
2.480E+04	1.115E-02	3.678E+03	1.280E+02	2.328E+01	5.932E+00	3.660E+01	2.722E+01	1.310E+00
2.500E+04	1.103E-02	3.705E+03	1.283E+02	2.337E+01	5.945E+00	3.712E+01	2.769E+01	1.306E+00

Table I. - Continued.

P/PO = 7.00E+00

T	RMO/RMO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E+01	-1.718E+02	1.957E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	9.564E+00	-1.705E+02	2.209E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.376E+00	-1.690E+02	2.378E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E+00	-1.672E+02	2.514E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.824E+00	-1.653E+02	2.629E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E+00	-1.633E+02	2.730E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E+00	-1.612E+02	2.820E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E+00	-1.590E+02	2.901E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E+00	-1.567E+02	2.974E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E+00	-1.543E+02	3.042E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.739E+00	-1.519E+02	3.105E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.594E+00	-1.494E+02	3.163E+01	1.991E+00	1.000E+00	6.745E+00	5.745E+00	1.174E+00
1.300E+03	1.471E+00	-1.470E+02	3.218E+01	2.070E+00	1.000E+00	6.840E+00	5.840E+00	1.171E+00
1.400E+03	1.366E+00	-1.444E+02	3.269E+01	2.145E+00	1.000E+00	6.933E+00	5.932E+00	1.169E+00
1.500E+03	1.275E+00	-1.419E+02	3.317E+01	2.218E+00	1.000E+00	7.035E+00	6.032E+00	1.166E+00
1.600E+03	1.195E+00	-1.393E+02	3.363E+01	2.288E+00	1.000E+00	7.169E+00	6.162E+00	1.163E+00
1.700E+03	1.125E+00	-1.366E+02	3.407E+01	2.356E+00	1.001E+00	7.361E+00	6.346E+00	1.160E+00
1.800E+03	1.062E+00	-1.339E+02	3.449E+01	2.420E+00	1.001E+00	7.645E+00	6.616E+00	1.155E+00
1.900E+03	1.005E+00	-1.310E+02	3.492E+01	2.481E+00	1.002E+00	8.062E+00	7.008E+00	1.150E+00
2.000E+03	9.527E-01	-1.280E+02	3.535E+01	2.541E+00	1.004E+00	8.657E+00	7.563E+00	1.143E+00
2.100E+03	9.048E-01	-1.244E+02	3.579E+01	2.599E+00	1.007E+00	9.469E+00	8.317E+00	1.136E+00
2.200E+03	8.601E-01	-1.210E+02	3.625E+01	2.658E+00	1.011E+00	1.054E+01	9.304E+00	1.129E+00
2.300E+03	8.179E-01	-1.169E+02	3.675E+01	2.718E+00	1.017E+00	1.190E+01	1.055E+01	1.123E+00
2.400E+03	7.775E-01	-1.122E+02	3.729E+01	2.781E+00	1.025E+00	1.357E+01	1.205E+01	1.117E+00
2.500E+03	7.385E-01	-1.069E+02	3.788E+01	2.848E+00	1.036E+00	1.555E+01	1.381E+01	1.113E+00
2.600E+03	7.005E-01	-1.008E+02	3.853E+01	2.920E+00	1.050E+00	1.780E+01	1.579E+01	1.110E+00
2.700E+03	6.633E-01	-9.385E+01	3.925E+01	2.999E+00	1.068E+00	2.029E+01	1.794E+01	1.109E+00
2.800E+03	6.268E-01	-8.594E+01	4.004E+01	3.084E+00	1.090E+00	2.293E+01	2.017E+01	1.108E+00
2.900E+03	5.912E-01	-7.705E+01	4.089E+01	3.177E+00	1.116E+00	2.572E+01	2.239E+01	1.108E+00
3.000E+03	5.564E-01	-6.718E+01	4.180E+01	3.276E+00	1.146E+00	2.825E+01	2.451E+01	1.110E+00
3.100E+03	5.229E-01	-5.639E+01	4.277E+01	3.382E+00	1.180E+00	3.069E+01	2.641E+01	1.112E+00
3.200E+03	4.909E-01	-4.475E+01	4.378E+01	3.495E+00	1.218E+00	3.284E+01	2.803E+01	1.115E+00
3.300E+03	4.605E-01	-3.239E+01	4.482E+01	3.614E+00	1.259E+00	3.463E+01	2.932E+01	1.118E+00
3.400E+03	4.320E-01	-1.943E+01	4.587E+01	3.738E+00	1.302E+00	3.604E+01	3.027E+01	1.122E+00
3.500E+03	4.054E-01	-6.037E+00	4.693E+01	3.865E+00	1.348E+00	3.708E+01	3.090E+01	1.126E+00
3.600E+03	3.808E-01	7.678E+00	4.799E+01	3.996E+00	1.395E+00	3.778E+01	3.126E+01	1.130E+00
3.700E+03	3.581E-01	2.159E+01	4.903E+01	4.129E+00	1.444E+00	3.819E+01	3.137E+01	1.135E+00
3.800E+03	3.372E-01	3.561E+01	5.005E+01	4.264E+00	1.493E+00	3.831E+01	3.127E+01	1.140E+00
3.900E+03	3.181E-01	4.961E+01	5.105E+01	4.401E+00	1.542E+00	3.814E+01	3.094E+01	1.145E+00
4.000E+03	3.006E-01	6.349E+01	5.201E+01	4.537E+00	1.591E+00	3.762E+01	3.036E+01	1.150E+00
4.100E+03	2.847E-01	7.711E+01	5.292E+01	4.674E+00	1.639E+00	3.670E+01	2.948E+01	1.156E+00
4.200E+03	2.704E-01	9.031E+01	5.379E+01	4.809E+00	1.685E+00	3.533E+01	2.828E+01	1.162E+00
4.300E+03	2.574E-01	1.029E+02	5.460E+01	4.943E+00	1.728E+00	3.350E+01	2.674E+01	1.169E+00
4.400E+03	2.458E-01	1.148E+02	5.535E+01	5.074E+00	1.769E+00	3.126E+01	2.490E+01	1.176E+00
4.500E+03	2.355E-01	1.258E+02	5.602E+01	5.202E+00	1.805E+00	2.873E+01	2.284E+01	1.184E+00
4.600E+03	2.263E-01	1.358E+02	5.663E+01	5.327E+00	1.838E+00	2.605E+01	2.067E+01	1.193E+00
4.700E+03	2.181E-01	1.449E+02	5.716E+01	5.449E+00	1.866E+00	2.338E+01	1.851E+01	1.204E+00
4.800E+03	2.109E-01	1.529E+02	5.762E+01	5.568E+00	1.890E+00	2.084E+01	1.645E+01	1.215E+00
4.900E+03	2.044E-01	1.602E+02	5.803E+01	5.683E+00	1.910E+00	1.855E+01	1.458E+01	1.227E+00
5.000E+03	1.986E-01	1.666E+02	5.838E+01	5.796E+00	1.926E+00	1.654E+01	1.294E+01	1.240E+00
5.100E+03	1.934E-01	1.723E+02	5.869E+01	5.905E+00	1.940E+00	1.484E+01	1.154E+01	1.253E+00
5.200E+03	1.886E-01	1.775E+02	5.897E+01	6.011E+00	1.951E+00	1.343E+01	1.038E+01	1.266E+00
5.300E+03	1.842E-01	1.822E+02	5.921E+01	6.113E+00	1.960E+00	1.229E+01	9.435E+00	1.279E+00
5.400E+03	1.801E-01	1.865E+02	5.943E+01	6.209E+00	1.967E+00	1.139E+01	8.692E+00	1.290E+00
5.500E+03	1.763E-01	1.905E+02	5.964E+01	6.299E+00	1.973E+00	1.070E+01	8.123E+00	1.300E+00
5.600E+03	1.727E-01	1.944E+02	5.982E+01	6.382E+00	1.978E+00	1.019E+01	7.709E+00	1.307E+00
5.700E+03	1.693E-01	1.980E+02	6.000E+01	6.457E+00	1.982E+00	9.846E+00	7.436E+00	1.312E+00
5.800E+03	1.661E-01	2.016E+02	6.017E+01	6.522E+00	1.986E+00	9.661E+00	7.298E+00	1.313E+00
5.900E+03	1.630E-01	2.051E+02	6.033E+01	6.577E+00	1.989E+00	9.631E+00	7.295E+00	1.311E+00
6.000E+03	1.601E-01	2.087E+02	6.050E+01	6.622E+00	1.991E+00	9.765E+00	7.435E+00	1.305E+00
6.100E+03	1.572E-01	2.123E+02	6.066E+01	6.657E+00	1.994E+00	1.008E+01	7.736E+00	1.295E+00
6.200E+03	1.545E-01	2.161E+02	6.083E+01	6.682E+00	1.997E+00	1.061E+01	8.220E+00	1.282E+00
6.300E+03	1.518E-01	2.201E+02	6.100E+01	6.701E+00	2.001E+00	1.138E+01	8.919E+00	1.267E+00
6.400E+03	1.491E-01	2.244E+02	6.119E+01	6.715E+00	2.005E+00	1.244E+01	9.873E+00	1.250E+00
6.500E+03	1.465E-01	2.292E+02	6.140E+01	6.729E+00	2.009E+00	1.384E+01	1.112E+01	1.232E+00
6.600E+03	1.438E-01	2.346E+02	6.162E+01	6.744E+00	2.015E+00	1.564E+01	1.272E+01	1.216E+00
6.700E+03	1.412E-01	2.407E+02	6.187E+01	6.764E+00	2.022E+00	1.789E+01	1.469E+01	1.201E+00
6.800E+03	1.385E-01	2.478E+02	6.216E+01	6.792E+00	2.031E+00	2.065E+01	1.709E+01	1.187E+00
6.900E+03	1.357E-01	2.559E+02	6.248E+01	6.827E+00	2.042E+00	2.395E+01	1.993E+01	1.176E+00
7.000E+03	1.329E-01	2.654E+02	6.285E+01	6.873E+00	2.056E+00	2.781E+01	2.320E+01	1.167E+00
7.100E+03	1.300E-01	2.764E+02	6.328E+01	6.928E+00	2.073E+00	3.220E+01	2.687E+01	1.159E+00
7.200E+03	1.269E-01	2.890E+02	6.376E+01	6.993E+00	2.093E+00	3.706E+01	3.087E+01	1.154E+00
7.300E+03	1.238E-01	3.036E+02	6.431E+01	7.068E+00	2.117E+00	4.228E+01	3.509E+01	1.149E+00
7.400E+03	1.205E-01	3.200E+02	6.492E+01	7.154E+00	2.145E+00	4.771E+01	3.940E+01	1.146E+00
7.500E+03	1.172E-01	3.385E+02	6.560E+01	7.249E+00	2.176E+00	5.316E+01	4.363E+01	1.145E+00
7.600E+03	1.138E-01	3.589E+02	6.634E+01	7.353E+00	2.212E+00	5.840E+01	4.763E+01	1.143E+00
7.700E+03	1.104E-01	3.812E+02	6.713E+01	7.465E+00	2.251E+00	6.322E+01	5.122E+01	1.143E+00
7.800E+03	1.069E-01	4.051E+02	6.798E+01	7.585E+00	2.293E+00	6.738E+01	5.426E+01	1.143E+00
7.900E+03	1.035E-01	4.304E+02	6.886E+01	7.711E+00	2.338E+00	7.069E+01	5.662E+01	1.144E+00
8.000E+03	1.002E-01	4.568E+02	6.976E+01	7.842E+00	2.386E+00	7.301E+01	5.822E+01	1.146E+00
8.200E+03	9.397E-02	5.110E+02	7.155E+01	8.114E+00	2.483E+00	7.434E+01	5.895E+01	1.150E+00



Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	8.833E-02	5.646E+02	7.335E+01	8.389E+00	2.578E+00	7.148E+01	5.659E+01	1.155E+00
8.600E+03	8.341E-02	6.149E+02	7.497E+01	8.660E+00	2.667E+00	6.546E+01	5.189E+01	1.163E+00
8.800E+03	7.920E-02	6.601E+02	7.639E+01	8.922E+00	2.745E+00	5.776E+01	4.588E+01	1.172E+00
9.000E+03	7.561E-02	6.994E+02	7.760E+01	9.174E+00	2.811E+00	4.982E+01	3.962E+01	1.183E+00
9.200E+03	7.256E-02	7.332E+02	7.861E+01	9.414E+00	2.866E+00	4.261E+01	3.386E+01	1.195E+00
9.400E+03	6.992E-02	7.621E+02	7.946E+01	9.644E+00	2.910E+00	3.662E+01	2.902E+01	1.209E+00
9.600E+03	6.762E-02	7.871E+02	8.018E+01	9.863E+00	2.947E+00	3.197E+01	2.522E+01	1.222E+00
9.800E+03	6.556E-02	8.092E+02	8.080E+01	1.007E+01	2.977E+00	2.857E+01	2.241E+01	1.235E+00
1.000E+04	6.369E-02	8.292E+02	8.135E+01	1.026E+01	3.004E+00	2.624E+01	2.047E+01	1.246E+00
1.020E+04	6.197E-02	8.479E+02	8.186E+01	1.044E+01	3.027E+00	2.477E+01	1.925E+01	1.255E+00
1.040E+04	6.035E-02	8.657E+02	8.233E+01	1.060E+01	3.048E+00	2.398E+01	1.858E+01	1.260E+00
1.060E+04	5.883E-02	8.831E+02	8.278E+01	1.074E+01	3.067E+00	2.374E+01	1.837E+01	1.262E+00
1.080E+04	5.738E-02	9.005E+02	8.323E+01	1.088E+01	3.087E+00	2.391E+01	1.849E+01	1.267E+00
1.100E+04	5.598E-02	9.182E+02	8.367E+01	1.101E+01	3.107E+00	2.442E+01	1.890E+01	1.261E+00
1.120E+04	5.463E-02	9.364E+02	8.412E+01	1.113E+01	3.127E+00	2.519E+01	1.951E+01	1.258E+00
1.140E+04	5.331E-02	9.552E+02	8.457E+01	1.125E+01	3.147E+00	2.618E+01	2.030E+01	1.255E+00
1.160E+04	5.203E-02	9.748E+02	8.504E+01	1.137E+01	3.169E+00	2.735E+01	2.123E+01	1.251E+00
1.180E+04	5.078E-02	9.953E+02	8.552E+01	1.150E+01	3.192E+00	2.867E+01	2.227E+01	1.247E+00
1.200E+04	4.956E-02	1.017E+03	8.601E+01	1.162E+01	3.217E+00	3.013E+01	2.341E+01	1.244E+00
1.220E+04	4.835E-02	1.039E+03	8.652E+01	1.175E+01	3.243E+00	3.169E+01	2.464E+01	1.240E+00
1.240E+04	4.717E-02	1.063E+03	8.705E+01	1.188E+01	3.270E+00	3.336E+01	2.593E+01	1.237E+00
1.260E+04	4.601E-02	1.088E+03	8.760E+01	1.201E+01	3.299E+00	3.511E+01	2.728E+01	1.234E+00
1.280E+04	4.487E-02	1.115E+03	8.817E+01	1.215E+01	3.330E+00	3.695E+01	2.868E+01	1.231E+00
1.300E+04	4.375E-02	1.142E+03	8.875E+01	1.229E+01	3.363E+00	3.886E+01	3.012E+01	1.228E+00
1.320E+04	4.265E-02	1.172E+03	8.936E+01	1.244E+01	3.398E+00	4.083E+01	3.160E+01	1.226E+00
1.340E+04	4.157E-02	1.202E+03	8.999E+01	1.259E+01	3.434E+00	4.286E+01	3.312E+01	1.224E+00
1.360E+04	4.050E-02	1.234E+03	9.064E+01	1.274E+01	3.473E+00	4.494E+01	3.466E+01	1.222E+00
1.380E+04	3.945E-02	1.268E+03	9.131E+01	1.290E+01	3.513E+00	4.707E+01	3.623E+01	1.220E+00
1.400E+04	3.843E-02	1.303E+03	9.200E+01	1.306E+01	3.556E+00	4.924E+01	3.782E+01	1.219E+00
1.420E+04	3.742E-02	1.340E+03	9.272E+01	1.323E+01	3.600E+00	5.145E+01	3.942E+01	1.217E+00
1.440E+04	3.643E-02	1.379E+03	9.345E+01	1.340E+01	3.646E+00	5.368E+01	4.103E+01	1.216E+00
1.460E+04	3.547E-02	1.419E+03	9.421E+01	1.358E+01	3.694E+00	5.593E+01	4.265E+01	1.215E+00
1.480E+04	3.452E-02	1.461E+03	9.499E+01	1.376E+01	3.744E+00	5.820E+01	4.425E+01	1.214E+00
1.500E+04	3.359E-02	1.504E+03	9.578E+01	1.394E+01	3.796E+00	6.045E+01	4.585E+01	1.213E+00
1.520E+04	3.269E-02	1.549E+03	9.660E+01	1.413E+01	3.850E+00	6.270E+01	4.742E+01	1.213E+00
1.540E+04	3.180E-02	1.596E+03	9.743E+01	1.432E+01	3.906E+00	6.490E+01	4.896E+01	1.212E+00
1.560E+04	3.094E-02	1.644E+03	9.828E+01	1.452E+01	3.963E+00	6.706E+01	5.045E+01	1.212E+00
1.580E+04	3.010E-02	1.694E+03	9.915E+01	1.472E+01	4.022E+00	6.914E+01	5.188E+01	1.212E+00
1.600E+04	2.929E-02	1.745E+03	1.000E+02	1.492E+01	4.082E+00	7.113E+01	5.323E+01	1.212E+00
1.620E+04	2.849E-02	1.798E+03	1.009E+02	1.513E+01	4.144E+00	7.299E+01	5.449E+01	1.212E+00
1.64E+04	2.772E-02	1.852E+03	1.018E+02	1.534E+01	4.207E+00	7.471E+01	5.564E+01	1.213E+00
1.660E+04	2.698E-02	1.908E+03	1.028E+02	1.556E+01	4.271E+00	7.626E+01	5.666E+01	1.213E+00
1.680E+04	2.626E-02	1.964E+03	1.037E+02	1.577E+01	4.336E+00	7.761E+01	5.754E+01	1.214E+00
1.700E+04	2.556E-02	2.021E+03	1.046E+02	1.599E+01	4.402E+00	7.873E+01	5.826E+01	1.215E+00
1.720E+04	2.489E-02	2.079E+03	1.055E+02	1.621E+01	4.468E+00	7.961E+01	5.881E+01	1.216E+00
1.740E+04	2.424E-02	2.138E+03	1.064E+02	1.644E+01	4.535E+00	8.023E+01	5.917E+01	1.217E+00
1.760E+04	2.362E-02	2.197E+03	1.074E+02	1.666E+01	4.601E+00	8.057E+01	5.935E+01	1.219E+00
1.780E+04	2.303E-02	2.256E+03	1.083E+02	1.689E+01	4.667E+00	8.062E+01	5.932E+01	1.221E+00
1.800E+04	2.246E-02	2.314E+03	1.092E+02	1.712E+01	4.732E+00	8.038E+01	5.910E+01	1.223E+00
1.820E+04	2.191E-02	2.373E+03	1.101E+02	1.734E+01	4.797E+00	7.986E+01	5.868E+01	1.225E+00
1.840E+04	2.139E-02	2.431E+03	1.109E+02	1.757E+01	4.860E+00	7.906E+01	5.807E+01	1.227E+00
1.860E+04	2.089E-02	2.489E+03	1.118E+02	1.779E+01	4.923E+00	7.799E+01	5.727E+01	1.229E+00
1.880E+04	2.042E-02	2.546E+03	1.126E+02	1.802E+01	4.983E+00	7.668E+01	5.631E+01	1.232E+00
1.900E+04	1.997E-02	2.601E+03	1.134E+02	1.824E+01	5.042E+00	7.515E+01	5.519E+01	1.235E+00
1.920E+04	1.954E-02	2.656E+03	1.142E+02	1.846E+01	5.099E+00	7.343E+01	5.393E+01	1.238E+00
1.940E+04	1.913E-02	2.709E+03	1.149E+02	1.868E+01	5.153E+00	7.154E+01	5.256E+01	1.241E+00
1.960E+04	1.875E-02	2.760E+03	1.157E+02	1.890E+01	5.206E+00	6.952E+01	5.110E+01	1.245E+00
1.980E+04	1.838E-02	2.810E+03	1.164E+02	1.912E+01	5.256E+00	6.741E+01	4.955E+01	1.248E+00
2.000E+04	1.803E-02	2.859E+03	1.170E+02	1.933E+01	5.304E+00	6.522E+01	4.796E+01	1.252E+00
2.020E+04	1.770E-02	2.906E+03	1.177E+02	1.954E+01	5.350E+00	6.300E+01	4.634E+01	1.256E+00
2.040E+04	1.739E-02	2.951E+03	1.183E+02	1.975E+01	5.393E+00	6.077E+01	4.470E+01	1.260E+00
2.060E+04	1.709E-02	2.995E+03	1.189E+02	1.995E+01	5.433E+00	5.856E+01	4.308E+01	1.264E+00
2.080E+04	1.681E-02	3.037E+03	1.194E+02	2.016E+01	5.472E+00	5.639E+01	4.148E+01	1.269E+00
2.100E+04	1.654E-02	3.078E+03	1.199E+02	2.035E+01	5.508E+00	5.428E+01	3.992E+01	1.273E+00
2.120E+04	1.628E-02	3.117E+03	1.204E+02	2.055E+01	5.542E+00	5.224E+01	3.841E+01	1.278E+00
2.140E+04	1.604E-02	3.154E+03	1.209E+02	2.074E+01	5.574E+00	5.030E+01	3.697E+01	1.282E+00
2.160E+04	1.580E-02	3.190E+03	1.214E+02	2.093E+01	5.604E+00	4.847E+01	3.560E+01	1.287E+00
2.180E+04	1.558E-02	3.225E+03	1.218E+02	2.112E+01	5.632E+00	4.675E+01	3.432E+01	1.292E+00
2.200E+04	1.537E-02	3.259E+03	1.222E+02	2.130E+01	5.658E+00	4.514E+01	3.312E+01	1.296E+00
2.220E+04	1.516E-02	3.291E+03	1.226E+02	2.148E+01	5.683E+00	4.367E+01	3.202E+01	1.300E+00
2.240E+04	1.497E-02	3.323E+03	1.230E+02	2.165E+01	5.706E+00	4.232E+01	3.101E+01	1.304E+00
2.260E+04	1.478E-02	3.353E+03	1.234E+02	2.182E+01	5.728E+00	4.110E+01	3.010E+01	1.308E+00
2.280E+04	1.460E-02	3.383E+03	1.238E+02	2.198E+01	5.748E+00	4.001E+01	2.930E+01	1.311E+00
2.300E+04	1.442E-02	3.412E+03	1.241E+02	2.214E+01	5.767E+00	3.906E+01	2.859E+01	1.314E+00
2.320E+04	1.425E-02	3.440E+03	1.244E+02	2.229E+01	5.786E+00	3.824E+01	2.799E+01	1.316E+00
2.340E+04	1.409E-02	3.468E+03	1.248E+02	2.244E+01	5.803E+00	3.755E+01	2.750E+01	1.318E+00
2.360E+04	1.393E-02	3.495E+03	1.251E+02	2.258E+01	5.819E+00	3.699E+01	2.710E+01	1.319E+00
2.380E+04	1.377E-02	3.522E+03	1.254E+02	2.271E+01	5.835E+00	3.656E+01	2.681E+01	1.320E+00
2.400E+04	1.362E-02	3.549E+03	1.257E+02	2.283E+01	5.850E+00	3.626E+01	2.662E+01	1.320E+00
2.420E+04	1.348E-02	3.575E+03	1.260E+02	2.295E+01	5.865E+00	3.609E+01	2.653E+01	1.320E+00
2.440E+04	1.334E-02	3.602E+03	1.263E+02	2.306E+01	5.879E+00	3.604E+01	2.657E+01	1.318E+00
2.460E+04	1.320E-02	3.628E+03	1.266E+02	2.317E+01	5.893E+00	3.612E+01	2.666E+01	1.317E+00
2.480E+04	1.306E-02	3.655E+03	1.269E+02	2.327E+01	5.906E+00	3.632E+01	2.687E+01	1.314E+00
2.500E+04	1.293E-02	3.681E+03	1.272E+02	2.336E+01	5.920E+00	3.664E+01	2.718E+01	1.311E+00

Table I. - Continued.

F'PO = 8.00E+00

I	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E+01	-1.718E+02	1.944E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E+01	-1.705E+02	2.196E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E+00	-1.690E+02	2.365E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.445E+00	-1.672E+02	2.501E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E+00	-1.653E+02	2.616E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E+00	-1.633E+02	2.717E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E+00	-1.612E+02	2.806E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E+00	-1.590E+02	2.887E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E+00	-1.567E+02	2.961E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E+00	-1.543E+02	3.029E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.987E+00	-1.519E+02	3.092E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.822E+00	-1.494E+02	3.150E+01	1.991E+00	1.000E+00	6.745E+00	5.745E+00	1.174E+00
1.300E+03	1.682E+00	-1.470E+02	3.204E+01	2.070E+00	1.000E+00	6.840E+00	5.840E+00	1.171E+00
1.400E+03	1.561E+00	-1.444E+02	3.255E+01	2.145E+00	1.000E+00	6.931E+00	5.930E+00	1.169E+00
1.500E+03	1.457E+00	-1.419E+02	3.303E+01	2.218E+00	1.000E+00	7.033E+00	6.030E+00	1.166E+00
1.600E+03	1.366E+00	-1.393E+02	3.349E+01	2.289E+00	1.000E+00	7.163E+00	6.156E+00	1.163E+00
1.700E+03	1.285E+00	-1.366E+02	3.393E+01	2.356E+00	1.001E+00	7.348E+00	6.334E+00	1.160E+00
1.800E+03	1.213E+00	-1.339E+02	3.436E+01	2.420E+00	1.001E+00	7.622E+00	6.594E+00	1.156E+00
1.900E+03	1.148E+00	-1.310E+02	3.478E+01	2.482E+00	1.002E+00	8.023E+00	6.971E+00	1.150E+00
2.000E+03	1.089E+00	-1.280E+02	3.521E+01	2.541E+00	1.004E+00	8.592E+00	7.503E+00	1.144E+00
2.100E+03	1.034E+00	-1.247E+02	3.564E+01	2.600E+00	1.006E+00	9.371E+00	8.226E+00	1.137E+00
2.200E+03	9.835E-01	-1.211E+02	3.610E+01	2.658E+00	1.010E+00	1.040E+01	9.172E+00	1.130E+00
2.300E+03	9.354E-01	-1.171E+02	3.659E+01	2.718E+00	1.016E+00	1.170E+01	1.036E+01	1.124E+00
2.400E+03	8.895E-01	-1.125E+02	3.712E+01	2.780E+00	1.024E+00	1.331E+01	1.181E+01	1.118E+00
2.500E+03	8.453E-01	-1.075E+02	3.770E+01	2.847E+00	1.035E+00	1.520E+01	1.350E+01	1.114E+00
2.600E+03	8.022E-01	-1.013E+02	3.834E+01	2.918E+00	1.048E+00	1.737E+01	1.541E+01	1.111E+00
2.700E+03	7.601E-01	-9.454E+01	3.904E+01	2.996E+00	1.065E+00	1.977E+01	1.748E+01	1.109E+00
2.800E+03	7.188E-01	-8.683E+01	3.981E+01	3.080E+00	1.086E+00	2.233E+01	1.965E+01	1.109E+00
2.900E+03	6.785E-01	-7.818E+01	4.063E+01	3.170E+00	1.111E+00	2.495E+01	2.182E+01	1.109E+00
3.000E+03	6.392E-01	-6.857E+01	4.152E+01	3.268E+00	1.140E+00	2.752E+01	2.389E+01	1.110E+00
3.100E+03	6.012E-01	-5.805E+01	4.247E+01	3.373E+00	1.173E+00	2.992E+01	2.578E+01	1.112E+00
3.200E+03	5.648E-01	-4.669E+01	4.345E+01	3.484E+00	1.210E+00	3.207E+01	2.740E+01	1.115E+00
3.300E+03	5.302E-01	-3.461E+01	4.447E+01	3.601E+00	1.249E+00	3.387E+01	2.871E+01	1.118E+00
3.400E+03	4.977E-01	-2.193E+01	4.550E+01	3.722E+00	1.292E+00	3.531E+01	2.969E+01	1.121E+00
3.500E+03	4.674E-01	-8.795E+00	4.654E+01	3.848E+00	1.336E+00	3.639E+01	3.037E+01	1.125E+00
3.600E+03	4.392E-01	4.675E+00	4.758E+01	3.977E+00	1.383E+00	3.714E+01	3.076E+01	1.130E+00
3.700E+03	4.132E-01	1.836E+01	4.860E+01	4.109E+00	1.430E+00	3.759E+01	3.092E+01	1.134E+00
3.800E+03	3.892E-01	3.217E+01	4.961E+01	4.242E+00	1.478E+00	3.777E+01	3.087E+01	1.139E+00
3.900E+03	3.673E-01	4.599E+01	5.059E+01	4.377E+00	1.526E+00	3.769E+01	3.061E+01	1.144E+00
4.000E+03	3.471E-01	5.973E+01	5.154E+01	4.513E+00	1.574E+00	3.729E+01	3.012E+01	1.150E+00
4.100E+03	3.288E-01	7.326E+01	5.245E+01	4.648E+00	1.622E+00	3.653E+01	2.936E+01	1.155E+00
4.200E+03	3.121E-01	8.643E+01	5.332E+01	4.783E+00	1.668E+00	3.536E+01	2.831E+01	1.161E+00
4.300E+03	2.970E-01	9.910E+01	5.413E+01	4.916E+00	1.712E+00	3.376E+01	2.694E+01	1.168E+00
4.400E+03	2.835E-01	1.111E+02	5.488E+01	5.048E+00	1.753E+00	3.175E+01	2.527E+01	1.175E+00
4.500E+03	2.714E-01	1.223E+02	5.557E+01	5.176E+00	1.790E+00	2.941E+01	2.336E+01	1.182E+00
4.600E+03	2.606E-01	1.326E+02	5.619E+01	5.301E+00	1.824E+00	2.687E+01	2.131E+01	1.191E+00
4.700E+03	2.510E-01	1.420E+02	5.674E+01	5.424E+00	1.853E+00	2.427E+01	1.921E+01	1.201E+00
4.800E+03	2.424E-01	1.504E+02	5.723E+01	5.543E+00	1.879E+00	2.176E+01	1.717E+01	1.211E+00
4.900E+03	2.348E-01	1.579E+02	5.765E+01	5.659E+00	1.900E+00	1.943E+01	1.528E+01	1.223E+00
5.000E+03	2.280E-01	1.647E+02	5.802E+01	5.772E+00	1.918E+00	1.735E+01	1.359E+01	1.235E+00
5.100E+03	2.218E-01	1.707E+02	5.835E+01	5.882E+00	1.933E+00	1.556E+01	1.212E+01	1.248E+00
5.200E+03	2.162E-01	1.761E+02	5.863E+01	5.989E+00	1.945E+00	1.406E+01	1.089E+01	1.261E+00
5.300E+03	2.110E-01	1.810E+02	5.889E+01	6.091E+00	1.955E+00	1.283E+01	9.871E+00	1.273E+00
5.400E+03	2.063E-01	1.855E+02	5.912E+01	6.189E+00	1.963E+00	1.184E+01	9.055E+00	1.285E+00
5.500E+03	2.018E-01	1.897E+02	5.933E+01	6.282E+00	1.969E+00	1.106E+01	8.418E+00	1.295E+00
5.600E+03	1.977E-01	1.936E+02	5.952E+01	6.367E+00	1.975E+00	1.047E+01	7.940E+00	1.303E+00
5.700E+03	1.938E-01	1.974E+02	5.971E+01	6.445E+00	1.979E+00	1.006E+01	7.606E+00	1.309E+00
5.800E+03	1.901E-01	2.010E+02	5.988E+01	6.514E+00	1.983E+00	9.805E+00	7.408E+00	1.312E+00
5.900E+03	1.865E-01	2.046E+02	6.004E+01	6.574E+00	1.987E+00	9.703E+00	7.343E+00	1.311E+00
6.000E+03	1.831E-01	2.082E+02	6.021E+01	6.624E+00	1.990E+00	9.759E+00	7.416E+00	1.307E+00
6.100E+03	1.799E-01	2.118E+02	6.037E+01	6.663E+00	1.993E+00	9.787E+00	7.639E+00	1.299E+00
6.200E+03	1.767E-01	2.155E+02	6.054E+01	6.693E+00	1.996E+00	1.041E+01	8.031E+00	1.287E+00
6.300E+03	1.736E-01	2.194E+02	6.071E+01	6.716E+00	1.999E+00	1.105E+01	8.621E+00	1.273E+00
6.400E+03	1.706E-01	2.236E+02	6.089E+01	6.732E+00	2.002E+00	1.196E+01	9.441E+00	1.257E+00
6.500E+03	1.676E-01	2.282E+02	6.108E+01	6.746E+00	2.007E+00	1.318E+01	1.053E+01	1.240E+00
6.600E+03	1.646E-01	2.333E+02	6.130E+01	6.741E+00	2.012E+00	1.476E+01	1.193E+01	1.224E+00
6.700E+03	1.616E-01	2.391E+02	6.153E+01	6.780E+00	2.019E+00	1.675E+01	1.369E+01	1.208E+00
6.800E+03	1.586E-01	2.454E+02	6.180E+01	6.804E+00	2.027E+00	1.921E+01	1.583E+01	1.194E+00
6.900E+03	1.556E-01	2.532E+02	6.210E+01	6.836E+00	2.037E+00	2.217E+01	1.839E+01	1.182E+00
7.000E+03	1.524E-01	2.619E+02	6.244E+01	6.876E+00	2.049E+00	2.567E+01	2.137E+01	1.172E+00
7.100E+03	1.492E-01	2.721E+02	6.284E+01	6.926E+00	2.064E+00	2.969E+01	2.475E+01	1.164E+00
7.200E+03	1.458E-01	2.837E+02	6.328E+01	6.986E+00	2.082E+00	3.419E+01	2.849E+01	1.157E+00
7.300E+03	1.423E-01	2.972E+02	6.379E+01	7.056E+00	2.104E+00	3.910E+01	3.249E+01	1.152E+00
7.400E+03	1.388E-01	3.124E+02	6.435E+01	7.136E+00	2.129E+00	4.429E+01	3.664E+01	1.149E+00
7.500E+03	1.351E-01	3.296E+02	6.498E+01	7.225E+00	2.158E+00	4.960E+01	4.081E+01	1.147E+00
7.600E+03	1.313E-01	3.487E+02	6.568E+01	7.324E+00	2.191E+00	5.483E+01	4.483E+01	1.145E+00
7.700E+03	1.275E-01	3.697E+02	6.643E+01	7.431E+00	2.228E+00	5.974E+01	4.856E+01	1.144E+00
7.800E+03	1.236E-01	3.924E+02	6.723E+01	7.545E+00	2.268E+00	6.419E+01	5.183E+01	1.144E+00
7.900E+03	1.198E-01	4.166E+02	6.807E+01	7.667E+00	2.311E+00	6.791E+01	5.452E+01	1.145E+00
8.000E+03	1.150E-01	4.420E+02	6.894E+01	7.794E+00	2.358E+00	7.074E+01	5.652E+01	1.146E+00
8.200E+03	1.088E-01	4.951E+02	7.073E+01	8.060E+00	2.451E+00	7.341E+01	5.823E+01	1.149E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.022E-01	5.485E+02	7.249E+01	8.333E+00	2.546E+00	7.191E+01	5.687E+01	1.154E+00
8.600E+03	9.644E-02	5.995E+02	7.413E+01	8.605E+00	2.636E+00	6.698E+01	5.299E+01	1.161E+00
8.800E+03	9.144E-02	6.461E+02	7.559E+01	8.869E+00	2.717E+00	5.994E+01	4.751E+01	1.169E+00
9.000E+03	8.717E-02	6.871E+02	7.685E+01	9.122E+00	2.786E+00	5.220E+01	4.145E+01	1.180E+00
9.200E+03	8.354E-02	7.226E+02	7.792E+01	9.365E+00	2.845E+00	4.486E+01	3.562E+01	1.191E+00
9.400E+03	8.041E-02	7.531E+02	7.881E+01	9.598E+00	2.892E+00	3.855E+01	3.054E+01	1.205E+00
9.600E+03	7.768E-02	7.794E+02	7.957E+01	9.821E+00	2.932E+00	3.351E+01	2.644E+01	1.218E+00
9.800E+03	7.521E-02	8.025E+02	8.022E+01	1.003E+01	2.964E+00	2.971E+01	2.332E+01	1.231E+00
1.000E+04	7.301E-02	8.232E+02	8.079E+01	1.023E+01	2.992E+00	2.700E+01	2.109E+01	1.243E+00
1.020E+04	7.107E-02	8.422E+02	8.130E+01	1.047E+01	3.016E+00	2.521E+01	1.960E+01	1.253E+00
1.040E+04	6.921E-02	8.603E+02	8.178E+01	1.058E+01	3.037E+00	2.415E+01	1.871E+01	1.259E+00
1.060E+04	6.745E-02	8.777E+02	8.224E+01	1.073E+01	3.058E+00	2.367E+01	1.830E+01	1.263E+00
1.080E+04	6.578E-02	8.950E+02	8.268E+01	1.087E+01	3.077E+00	2.365E+01	1.827E+01	1.264E+00
1.100E+04	6.419E-02	9.124E+02	8.311E+01	1.100E+01	3.096E+00	2.398E+01	1.853E+01	1.263E+00
1.120E+04	6.265E-02	9.302E+02	8.355E+01	1.113E+01	3.116E+00	2.460E+01	1.902E+01	1.261E+00
1.140E+04	6.115E-02	9.485E+02	8.399E+01	1.125E+01	3.136E+00	2.545E+01	1.970E+01	1.258E+00
1.160E+04	5.970E-02	9.675E+02	8.445E+01	1.137E+01	3.157E+00	2.650E+01	2.053E+01	1.255E+00
1.180E+04	5.828E-02	9.874E+02	8.491E+01	1.149E+01	3.179E+00	2.770E+01	2.148E+01	1.251E+00
1.200E+04	5.689E-02	1.008E+03	8.539E+01	1.161E+01	3.202E+00	2.904E+01	2.254E+01	1.247E+00
1.220E+04	5.553E-02	1.030E+03	8.588E+01	1.173E+01	3.227E+00	3.050E+01	2.368E+01	1.243E+00
1.240E+04	5.420E-02	1.053E+03	8.639E+01	1.186E+01	3.253E+00	3.206E+01	2.489E+01	1.240E+00
1.260E+04	5.289E-02	1.077E+03	8.691E+01	1.199E+01	3.281E+00	3.372E+01	2.617E+01	1.237E+00
1.280E+04	5.160E-02	1.102E+03	8.746E+01	1.213E+01	3.310E+00	3.545E+01	2.750E+01	1.234E+00
1.300E+04	5.033E-02	1.129E+03	8.802E+01	1.227E+01	3.341E+00	3.726E+01	2.887E+01	1.231E+00
1.320E+04	4.909E-02	1.157E+03	8.860E+01	1.241E+01	3.374E+00	3.914E+01	3.029E+01	1.229E+00
1.340E+04	4.786E-02	1.186E+03	8.921E+01	1.255E+01	3.409E+00	4.108E+01	3.175E+01	1.226E+00
1.360E+04	4.666E-02	1.217E+03	8.983E+01	1.270E+01	3.445E+00	4.307E+01	3.323E+01	1.224E+00
1.380E+04	4.548E-02	1.249E+03	9.047E+01	1.286E+01	3.484E+00	4.511E+01	3.474E+01	1.223E+00
1.400E+04	4.431E-02	1.283E+03	9.114E+01	1.302E+01	3.524E+00	4.720E+01	3.627E+01	1.221E+00
1.420E+04	4.317E-02	1.318E+03	9.182E+01	1.318E+01	3.566E+00	4.932E+01	3.782E+01	1.219E+00
1.440E+04	4.205E-02	1.355E+03	9.253E+01	1.335E+01	3.610E+00	5.148E+01	3.938E+01	1.218E+00
1.460E+04	4.096E-02	1.394E+03	9.325E+01	1.352E+01	3.656E+00	5.366E+01	4.094E+01	1.217E+00
1.480E+04	3.988E-02	1.434E+03	9.400E+01	1.369E+01	3.704E+00	5.585E+01	4.251E+01	1.216E+00
1.500E+04	3.883E-02	1.476E+03	9.476E+01	1.387E+01	3.753E+00	5.805E+01	4.407E+01	1.215E+00
1.520E+04	3.780E-02	1.519E+03	9.554E+01	1.406E+01	3.805E+00	6.024E+01	4.561E+01	1.214E+00
1.540E+04	3.680E-02	1.564E+03	9.635E+01	1.424E+01	3.858E+00	6.241E+01	4.713E+01	1.214E+00
1.560E+04	3.582E-02	1.610E+03	9.716E+01	1.443E+01	3.913E+00	6.454E+01	4.861E+01	1.214E+00
1.580E+04	3.486E-02	1.658E+03	9.800E+01	1.463E+01	3.969E+00	6.662E+01	5.004E+01	1.213E+00
1.600E+04	3.393E-02	1.708E+03	9.885E+01	1.483E+01	4.027E+00	6.863E+01	5.141E+01	1.213E+00
1.620E+04	3.302E-02	1.759E+03	9.972E+01	1.503E+01	4.087E+00	7.054E+01	5.270E+01	1.213E+00
1.640E+04	3.214E-02	1.811E+03	1.006E+02	1.524E+01	4.148E+00	7.232E+01	5.390E+01	1.214E+00
1.660E+04	3.128E-02	1.865E+03	1.015E+02	1.545E+01	4.210E+00	7.397E+01	5.500E+01	1.214E+00
1.680E+04	3.045E-02	1.919E+03	1.024E+02	1.566E+01	4.273E+00	7.544E+01	5.597E+01	1.213E+00
1.700E+04	2.965E-02	1.975E+03	1.033E+02	1.588E+01	4.337E+00	7.672E+01	5.680E+01	1.215E+00
1.720E+04	2.888E-02	2.032E+03	1.042E+02	1.610E+01	4.401E+00	7.779E+01	5.748E+01	1.216E+00
1.740E+04	2.813E-02	2.085E+03	1.051E+02	1.632E+01	4.466E+00	7.863E+01	5.800E+01	1.218E+00
1.760E+04	2.741E-02	2.147E+03	1.060E+02	1.654E+01	4.532E+00	7.921E+01	5.834E+01	1.219E+00
1.780E+04	2.672E-02	2.205E+03	1.069E+02	1.676E+01	4.597E+00	7.954E+01	5.850E+01	1.220E+00
1.800E+04	2.606E-02	2.263E+03	1.078E+02	1.698E+01	4.661E+00	7.959E+01	5.847E+01	1.222E+00
1.820E+04	2.542E-02	2.321E+03	1.086E+02	1.721E+01	4.726E+00	7.937E+01	5.826E+01	1.224E+00
1.840E+04	2.481E-02	2.379E+03	1.095E+02	1.743E+01	4.789E+00	7.897E+01	5.786E+01	1.226E+00
1.860E+04	2.423E-02	2.437E+03	1.104E+02	1.766E+01	4.851E+00	7.811E+01	5.728E+01	1.228E+00
1.880E+04	2.367E-02	2.494E+03	1.112E+02	1.788E+01	4.912E+00	7.711E+01	5.653E+01	1.231E+00
1.900E+04	2.314E-02	2.550E+03	1.120E+02	1.810E+01	4.972E+00	7.587E+01	5.561E+01	1.233E+00
1.920E+04	2.264E-02	2.605E+03	1.128E+02	1.833E+01	5.030E+00	7.442E+01	5.455E+01	1.236E+00
1.940E+04	2.216E-02	2.659E+03	1.136E+02	1.855E+01	5.086E+00	7.278E+01	5.336E+01	1.239E+00
1.960E+04	2.170E-02	2.711E+03	1.143E+02	1.876E+01	5.140E+00	7.099E+01	5.206E+01	1.242E+00
1.980E+04	2.127E-02	2.763E+03	1.150E+02	1.898E+01	5.192E+00	6.907E+01	5.066E+01	1.246E+00
2.000E+04	2.085E-02	2.812E+03	1.157E+02	1.919E+01	5.242E+00	6.705E+01	4.920E+01	1.249E+00
2.020E+04	2.046E-02	2.861E+03	1.163E+02	1.941E+01	5.289E+00	6.496E+01	4.768E+01	1.253E+00
2.040E+04	2.009E-02	2.908E+03	1.170E+02	1.961E+01	5.334E+00	6.284E+01	4.612E+01	1.257E+00
2.060E+04	1.974E-02	2.953E+03	1.176E+02	1.982E+01	5.377E+00	6.070E+01	4.456E+01	1.261E+00
2.080E+04	1.940E-02	2.996E+03	1.182E+02	2.003E+01	5.418E+00	5.857E+01	4.300E+01	1.265E+00
2.100E+04	1.908E-02	3.039E+03	1.187E+02	2.023E+01	5.456E+00	5.647E+01	4.146E+01	1.269E+00
2.120E+04	1.877E-02	3.079E+03	1.192E+02	2.043E+01	5.493E+00	5.443E+01	3.995E+01	1.274E+00
2.140E+04	1.847E-02	3.118E+03	1.197E+02	2.062E+01	5.527E+00	5.246E+01	3.850E+01	1.278E+00
2.160E+04	1.818E-02	3.156E+03	1.202E+02	2.081E+01	5.559E+00	5.057E+01	3.710E+01	1.283E+00
2.180E+04	1.794E-02	3.192E+03	1.207E+02	2.100E+01	5.589E+00	4.878E+01	3.577E+01	1.287E+00
2.200E+04	1.769E-02	3.227E+03	1.211E+02	2.119E+01	5.617E+00	4.709E+01	3.451E+01	1.291E+00
2.220E+04	1.745E-02	3.261E+03	1.215E+02	2.137E+01	5.644E+00	4.551E+01	3.334E+01	1.296E+00
2.240E+04	1.722E-02	3.294E+03	1.219E+02	2.155E+01	5.669E+00	4.406E+01	3.226E+01	1.300E+00
2.260E+04	1.699E-02	3.326E+03	1.223E+02	2.172E+01	5.693E+00	4.272E+01	3.126E+01	1.304E+00
2.280E+04	1.678E-02	3.357E+03	1.227E+02	2.189E+01	5.715E+00	4.151E+01	3.036E+01	1.307E+00
2.300E+04	1.657E-02	3.387E+03	1.230E+02	2.205E+01	5.736E+00	4.042E+01	2.956E+01	1.310E+00
2.320E+04	1.637E-02	3.416E+03	1.234E+02	2.221E+01	5.755E+00	3.946E+01	2.886E+01	1.313E+00
2.340E+04	1.618E-02	3.444E+03	1.237E+02	2.236E+01	5.774E+00	3.863E+01	2.825E+01	1.316E+00
2.360E+04	1.599E-02	3.473E+03	1.240E+02	2.251E+01	5.791E+00	3.793E+01	2.774E+01	1.318E+00
2.380E+04	1.581E-02	3.500E+03	1.244E+02	2.265E+01	5.808E+00	3.735E+01	2.733E+01	1.319E+00
2.400E+04	1.564E-02	3.527E+03	1.247E+02	2.278E+01	5.824E+00	3.690E+01	2.702E+01	1.320E+00
2.420E+04	1.547E-02	3.554E+03	1.250E+02	2.291E+01	5.840E+00	3.657E+01	2.681E+01	1.320E+00
2.440E+04	1.530E-02	3.581E+03	1.253E+02	2.303E+01	5.855E+00	3.636E+01	2.670E+01	1.319E+00
2.460E+04	1.514E-02	3.607E+03	1.256E+02	2.314E+01	5.869E+00	3.628E+01	2.668E+01	1.318E+00
2.480E+04	1.498E-02	3.634E+03	1.259E+02	2.325E+01	5.883E+00	3.632E+01	2.676E+01	1.317E+00
2.500E+04	1.483E-02	3.661E+03	1.262E+02	2.335E+01	5.897E+00	3.647E+01	2.694E+01	1.315E+00

Table I. - Continued.

P/PO = 9.00E+00

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E+01	-1.718E+02	1.932E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E+01	-1.705E+02	2.184E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.198E+00	-1.690E+02	2.353E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E+00	-1.672E+02	2.489E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E+00	-1.653E+02	2.604E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E+00	-1.633E+02	2.705E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E+00	-1.612E+02	2.795E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E+00	-1.590E+02	2.876E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E+00	-1.567E+02	2.949E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E+00	-1.543E+02	3.017E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.236E+00	-1.519E+02	3.080E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.050E+00	-1.494E+02	3.138E+01	1.991E+00	1.000E+00	6.745E+00	5.745E+00	1.174E+00
1.300E+03	1.892E+00	-1.470E+02	3.192E+01	2.070E+00	1.000E+00	6.840E+00	5.839E+00	1.171E+00
1.400E+03	1.757E+00	-1.444E+02	3.243E+01	2.145E+00	1.000E+00	6.931E+00	5.930E+00	1.169E+00
1.500E+03	1.639E+00	-1.419E+02	3.292E+01	2.218E+00	1.000E+00	7.030E+00	6.028E+00	1.166E+00
1.600E+03	1.537E+00	-1.393E+02	3.337E+01	2.289E+00	1.000E+00	7.158E+00	6.151E+00	1.164E+00
1.700E+03	1.446E+00	-1.366E+02	3.381E+01	2.356E+00	1.001E+00	7.338E+00	6.324E+00	1.160E+00
1.800E+03	1.365E+00	-1.339E+02	3.424E+01	2.420E+00	1.001E+00	7.603E+00	6.575E+00	1.156E+00
1.900E+03	1.292E+00	-1.311E+02	3.466E+01	2.482E+00	1.002E+00	7.989E+00	6.940E+00	1.150E+00
2.000E+03	1.225E+00	-1.280E+02	3.508E+01	2.542E+00	1.004E+00	8.538E+00	7.452E+00	1.144E+00
2.100E+03	1.164E+00	-1.248E+02	3.552E+01	2.600E+00	1.006E+00	9.288E+00	8.149E+00	1.137E+00
2.200E+03	1.107E+00	-1.212E+02	3.597E+01	2.658E+00	1.010E+00	1.028E+01	9.060E+00	1.131E+00
2.300E+03	1.053E+00	-1.172E+02	3.645E+01	2.718E+00	1.016E+00	1.154E+01	1.021E+01	1.124E+00
2.400E+03	1.002E+00	-1.127E+02	3.698E+01	2.780E+00	1.023E+00	1.308E+01	1.160E+01	1.119E+00
2.500E+03	9.521E-01	-1.076E+02	3.755E+01	2.846E+00	1.033E+00	1.491E+01	1.324E+01	1.115E+00
2.600E+03	9.041E-01	-1.018E+02	3.817E+01	2.917E+00	1.046E+00	1.701E+01	1.508E+01	1.112E+00
2.700E+03	8.571E-01	-9.512E+01	3.886E+01	2.993E+00	1.063E+00	1.933E+01	1.709E+01	1.110E+00
2.800E+03	8.110E-01	-8.760E+01	3.960E+01	3.076E+00	1.083E+00	2.181E+01	1.920E+01	1.109E+00
2.900E+03	7.660E-01	-7.914E+01	4.041E+01	3.165E+00	1.107E+00	2.437E+01	2.132E+01	1.109E+00
3.000E+03	7.222E-01	-6.976E+01	4.128E+01	3.262E+00	1.135E+00	2.689E+01	2.336E+01	1.110E+00
3.100E+03	6.798E-01	-5.947E+01	4.220E+01	3.364E+00	1.167E+00	2.926E+01	2.523E+01	1.112E+00
3.200E+03	6.391E-01	-4.836E+01	4.317E+01	3.474E+00	1.203E+00	3.140E+01	2.686E+01	1.115E+00
3.300E+03	6.004E-01	-3.652E+01	4.416E+01	3.589E+00	1.241E+00	3.321E+01	2.818E+01	1.118E+00
3.400E+03	5.639E-01	-2.408E+01	4.518E+01	3.707E+00	1.283E+00	3.468E+01	2.919E+01	1.121E+00
3.500E+03	5.298E-01	-1.117E+01	4.620E+01	3.833E+00	1.326E+00	3.578E+01	2.989E+01	1.125E+00
3.600E+03	4.981E-01	2.083E+00	4.722E+01	3.961E+00	1.372E+00	3.657E+01	3.032E+01	1.130E+00
3.700E+03	4.688E-01	1.557E+01	4.823E+01	4.091E+00	1.418E+00	3.706E+01	3.051E+01	1.134E+00
3.800E+03	4.417E-01	2.919E+01	4.922E+01	4.223E+00	1.465E+00	3.729E+01	3.050E+01	1.139E+00
3.900E+03	4.169E-01	4.285E+01	5.019E+01	4.357E+00	1.513E+00	3.727E+01	3.029E+01	1.144E+00
4.000E+03	3.941E-01	5.545E+01	5.113E+01	4.491E+00	1.560E+00	3.697E+01	2.988E+01	1.149E+00
4.100E+03	3.732E-01	6.988E+01	5.203E+01	4.626E+00	1.607E+00	3.634E+01	2.922E+01	1.154E+00
4.200E+03	3.543E-01	8.301E+01	5.290E+01	4.760E+00	1.653E+00	3.533E+01	2.829E+01	1.160E+00
4.300E+03	3.371E-01	9.570E+01	5.371E+01	4.893E+00	1.697E+00	3.391E+01	2.706E+01	1.167E+00
4.400E+03	3.216E-01	1.078E+02	5.447E+01	5.024E+00	1.738E+00	3.209E+01	2.554E+01	1.173E+00
4.500E+03	3.077E-01	1.192E+02	5.517E+01	5.153E+00	1.776E+00	2.993E+01	2.377E+01	1.181E+00
4.600E+03	2.953E-01	1.297E+02	5.580E+01	5.278E+00	1.811E+00	2.753E+01	2.182E+01	1.189E+00
4.700E+03	2.842E-01	1.393E+02	5.637E+01	5.401E+00	1.841E+00	2.502E+01	1.980E+01	1.198E+00
4.800E+03	2.743E-01	1.480E+02	5.687E+01	5.520E+00	1.868E+00	2.255E+01	1.779E+01	1.208E+00
4.900E+03	2.655E-01	1.558E+02	5.731E+01	5.637E+00	1.891E+00	2.021E+01	1.590E+01	1.219E+00
5.000E+03	2.575E-01	1.628E+02	5.770E+01	5.750E+00	1.910E+00	1.809E+01	1.411E+01	1.231E+00
5.100E+03	2.504E-01	1.691E+02	5.804E+01	5.861E+00	1.926E+00	1.623E+01	1.240E+01	1.243E+00
5.200E+03	2.439E-01	1.748E+02	5.834E+01	5.968E+00	1.939E+00	1.465E+01	1.136E+01	1.256E+00
5.300E+03	2.381E-01	1.799E+02	5.860E+01	6.072E+00	1.950E+00	1.333E+01	1.028E+01	1.268E+00
5.400E+03	2.325E-01	1.846E+02	5.884E+01	6.171E+00	1.959E+00	1.226E+01	9.403E+00	1.280E+00
5.500E+03	2.275E-01	1.889E+02	5.906E+01	6.265E+00	1.966E+00	1.141E+01	8.704E+00	1.291E+00
5.600E+03	2.227E-01	1.929E+02	5.926E+01	6.353E+00	1.972E+00	1.076E+01	8.169E+00	1.299E+00
5.700E+03	2.183E-01	1.968E+02	5.944E+01	6.434E+00	1.977E+00	1.028E+01	7.781E+00	1.306E+00
5.800E+03	2.141E-01	2.005E+02	5.962E+01	6.506E+00	1.981E+00	9.961E+00	7.530E+00	1.310E+00
5.900E+03	2.100E-01	2.041E+02	5.979E+01	6.570E+00	1.985E+00	9.796E+00	7.411E+00	1.310E+00
6.000E+03	2.062E-01	2.077E+02	5.995E+01	6.623E+00	1.988E+00	9.786E+00	7.426E+00	1.308E+00
6.100E+03	2.025E-01	2.113E+02	6.012E+01	6.667E+00	1.991E+00	9.941E+00	7.585E+00	1.301E+00
6.200E+03	1.989E-01	2.150E+02	6.028E+01	6.701E+00	1.994E+00	1.028E+01	7.902E+00	1.291E+00
6.300E+03	1.955E-01	2.188E+02	6.045E+01	6.727E+00	1.997E+00	1.082E+01	8.403E+00	1.279E+00
6.400E+03	1.921E-01	2.224E+02	6.062E+01	6.746E+00	2.001E+00	1.161E+01	9.115E+00	1.264E+00
6.500E+03	1.887E-01	2.274E+02	6.081E+01	6.762E+00	2.005E+00	1.267E+01	1.007E+01	1.247E+00
6.600E+03	1.854E-01	2.323E+02	6.102E+01	6.777E+00	2.010E+00	1.408E+01	1.132E+01	1.231E+00
6.700E+03	1.821E-01	2.377E+02	6.124E+01	6.794E+00	2.016E+00	1.586E+01	1.289E+01	1.215E+00
6.800E+03	1.788E-01	2.439E+02	6.149E+01	6.816E+00	2.023E+00	1.807E+01	1.483E+01	1.200E+00
6.900E+03	1.754E-01	2.510E+02	6.177E+01	6.844E+00	2.032E+00	2.076E+01	1.716E+01	1.188E+00
7.000E+03	1.720E-01	2.592E+02	6.210E+01	6.881E+00	2.043E+00	2.395E+01	1.990E+01	1.177E+00
7.100E+03	1.684E-01	2.686E+02	6.246E+01	6.927E+00	2.057E+00	2.765E+01	2.303E+01	1.168E+00
7.200E+03	1.647E-01	2.795E+02	6.288E+01	6.983E+00	2.074E+00	3.185E+01	2.652E+01	1.161E+00
7.300E+03	1.609E-01	2.920E+02	6.335E+01	7.048E+00	2.093E+00	3.647E+01	3.032E+01	1.155E+00
7.400E+03	1.570E-01	3.063E+02	6.388E+01	7.122E+00	2.117E+00	4.141E+01	3.431E+01	1.151E+00
7.500E+03	1.530E-01	3.224E+02	6.447E+01	7.207E+00	2.143E+00	4.655E+01	3.838E+01	1.148E+00
7.600E+03	1.488E-01	3.403E+02	6.512E+01	7.300E+00	2.174E+00	5.171E+01	4.238E+01	1.147E+00
7.700E+03	1.446E-01	3.602E+02	6.583E+01	7.402E+00	2.208E+00	5.668E+01	4.617E+01	1.146E+00
7.800E+03	1.404E-01	3.818E+02	6.659E+01	7.513E+00	2.246E+00	6.127E+01	4.959E+01	1.145E+00
7.900E+03	1.361E-01	4.050E+02	6.739E+01	7.630E+00	2.287E+00	6.528E+01	5.251E+01	1.145E+00
8.000E+03	1.319E-01	4.295E+02	6.824E+01	7.753E+00	2.331E+00	6.852E+01	5.483E+01	1.146E+00
8.200E+03	1.238E-01	4.813E+02	6.998E+01	8.014E+00	2.423E+00	7.223E+01	5.732E+01	1.149E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.163E-01	5.343E+02	7.173E+01	9.284E+00	2.517E+00	7.191E+01	5.684E+01	1.154E+00
8.600E+03	1.096E-01	5.857E+02	7.338E+01	8.555E+00	2.608E+00	6.801E+01	5.374E+01	1.160E+00
8.800E+03	1.038E-01	6.333E+02	7.487E+01	8.820E+00	2.691E+00	6.167E+01	4.880E+01	1.168E+00
9.000E+03	9.888E-02	6.757E+02	7.618E+01	9.076E+00	2.764E+00	5.424E+01	4.299E+01	1.177E+00
9.200E+03	9.463E-02	7.127E+02	7.729E+01	9.321E+00	2.825E+00	4.688E+01	3.718E+01	1.188E+00
9.400E+03	9.099E-02	7.446E+02	7.822E+01	9.556E+00	2.876E+00	4.035E+01	3.196E+01	1.201E+00
9.600E+03	8.782E-02	7.721E+02	7.902E+01	9.781E+00	2.917E+00	3.498E+01	2.761E+01	1.214E+00
9.800E+03	8.502E-02	7.961E+02	7.969E+01	9.996E+00	2.952E+00	3.083E+01	2.423E+01	1.228E+00
1.000E+04	8.250E-02	8.175E+02	8.028E+01	1.020E+01	2.981E+00	2.780E+01	2.173E+01	1.240E+00
1.020E+04	8.021E-02	8.371E+02	8.081E+01	1.038E+01	3.006E+00	2.572E+01	2.000E+01	1.250E+00
1.040E+04	7.809E-02	8.554E+02	8.130E+01	1.056E+01	3.028E+00	2.441E+01	1.891E+01	1.258E+00
1.060E+04	7.610E-02	8.729E+02	8.175E+01	1.071E+01	3.049E+00	2.371E+01	1.832E+01	1.263E+00
1.080E+04	7.422E-02	8.902E+02	8.219E+01	1.086E+01	3.068E+00	2.350E+01	1.814E+01	1.265E+00
1.100E+04	7.242E-02	9.074E+02	8.263E+01	1.099E+01	3.087E+00	2.347E+01	1.827E+01	1.265E+00
1.120E+04	7.069E-02	9.249E+02	8.306E+01	1.112E+01	3.106E+00	2.415E+01	1.865E+01	1.263E+00
1.140E+04	6.901E-02	9.429E+02	8.349E+01	1.124E+01	3.126E+00	2.488E+01	1.923E+01	1.261E+00
1.160E+04	6.739E-02	9.614E+02	8.393E+01	1.136E+01	3.146E+00	2.581E+01	1.996E+01	1.258E+00
1.180E+04	6.580E-02	9.807E+02	8.438E+01	1.148E+01	3.168E+00	2.691E+01	2.084E+01	1.254E+00
1.200E+04	6.425E-02	1.001E+03	8.484E+01	1.160E+01	3.190E+00	2.815E+01	2.181E+01	1.250E+00
1.220E+04	6.273E-02	1.022E+03	8.532E+01	1.173E+01	3.213E+00	2.951E+01	2.288E+01	1.247E+00
1.240E+04	6.125E-02	1.044E+03	8.581E+01	1.185E+01	3.238E+00	3.098E+01	2.403E+01	1.243E+00
1.260E+04	5.978E-02	1.067E+03	8.632E+01	1.198E+01	3.265E+00	3.255E+01	2.524E+01	1.240E+00
1.280E+04	5.835E-02	1.092E+03	8.685E+01	1.211E+01	3.293E+00	3.420E+01	2.651E+01	1.237E+00
1.300E+04	5.694E-02	1.117E+03	8.739E+01	1.224E+01	3.323E+00	3.592E+01	2.783E+01	1.234E+00
1.320E+04	5.555E-02	1.144E+03	8.795E+01	1.238E+01	3.354E+00	3.772E+01	2.919E+01	1.231E+00
1.340E+04	5.419E-02	1.173E+03	8.853E+01	1.253E+01	3.387E+00	3.958E+01	3.058E+01	1.229E+00
1.360E+04	5.285E-02	1.202E+03	8.913E+01	1.267E+01	3.422E+00	4.149E+01	3.201E+01	1.227E+00
1.380E+04	5.153E-02	1.233E+03	8.975E+01	1.282E+01	3.459E+00	4.345E+01	3.347E+01	1.225E+00
1.400E+04	5.023E-02	1.266E+03	9.039E+01	1.298E+01	3.497E+00	4.546E+01	3.495E+01	1.223E+00
1.420E+04	4.896E-02	1.300E+03	9.105E+01	1.314E+01	3.537E+00	4.751E+01	3.645E+01	1.221E+00
1.440E+04	4.771E-02	1.336E+03	9.173E+01	1.330E+01	3.580E+00	4.960E+01	3.796E+01	1.220E+00
1.460E+04	4.649E-02	1.373E+03	9.243E+01	1.347E+01	3.623E+00	5.171E+01	3.949E+01	1.219E+00
1.480E+04	4.529E-02	1.411E+03	9.315E+01	1.364E+01	3.669E+00	5.384E+01	4.101E+01	1.218E+00
1.500E+04	4.411E-02	1.452E+03	9.388E+01	1.381E+01	3.717E+00	5.598E+01	4.254E+01	1.217E+00
1.520E+04	4.296E-02	1.493E+03	9.464E+01	1.399E+01	3.766E+00	5.812E+01	4.405E+01	1.216E+00
1.540E+04	4.184E-02	1.537E+03	9.541E+01	1.418E+01	3.817E+00	6.026E+01	4.554E+01	1.215E+00
1.560E+04	4.074E-02	1.582E+03	9.620E+01	1.436E+01	3.870E+00	6.236E+01	4.701E+01	1.215E+00
1.580E+04	3.966E-02	1.628E+03	9.701E+01	1.455E+01	3.925E+00	6.442E+01	4.844E+01	1.215E+00
1.600E+04	3.862E-02	1.676E+03	9.783E+01	1.475E+01	3.981E+00	6.643E+01	4.981E+01	1.214E+00
1.620E+04	3.760E-02	1.725E+03	9.867E+01	1.495E+01	4.038E+00	6.836E+01	5.112E+01	1.214E+00
1.640E+04	3.660E-02	1.776E+03	9.952E+01	1.515E+01	4.097E+00	7.019E+01	5.238E+01	1.215E+00
1.660E+04	3.564E-02	1.828E+03	1.004E+02	1.536E+01	4.157E+00	7.189E+01	5.350E+01	1.215E+00
1.680E+04	3.470E-02	1.881E+03	1.013E+02	1.557E+01	4.218E+00	7.345E+01	5.453E+01	1.215E+00
1.700E+04	3.380E-02	1.936E+03	1.021E+02	1.578E+01	4.281E+00	7.485E+01	5.544E+01	1.216E+00
1.720E+04	3.292E-02	1.991E+03	1.030E+02	1.599E+01	4.344E+00	7.606E+01	5.622E+01	1.217E+00
1.740E+04	3.207E-02	2.047E+03	1.039E+02	1.621E+01	4.407E+00	7.706E+01	5.685E+01	1.218E+00
1.760E+04	3.125E-02	2.104E+03	1.048E+02	1.643E+01	4.471E+00	7.783E+01	5.732E+01	1.219E+00
1.780E+04	3.047E-02	2.161E+03	1.057E+02	1.665E+01	4.535E+00	7.837E+01	5.763E+01	1.220E+00
1.800E+04	2.971E-02	2.218E+03	1.065E+02	1.687E+01	4.599E+00	7.865E+01	5.776E+01	1.222E+00
1.820E+04	2.898E-02	2.276E+03	1.074E+02	1.709E+01	4.663E+00	7.867E+01	5.772E+01	1.224E+00
1.840E+04	2.828E-02	2.333E+03	1.083E+02	1.731E+01	4.726E+00	7.843E+01	5.749E+01	1.225E+00
1.860E+04	2.762E-02	2.391E+03	1.091E+02	1.754E+01	4.788E+00	7.794E+01	5.709E+01	1.227E+00
1.880E+04	2.698E-02	2.448E+03	1.099E+02	1.776E+01	4.849E+00	7.719E+01	5.652E+01	1.230E+00
1.900E+04	2.637E-02	2.504E+03	1.108E+02	1.798E+01	4.909E+00	7.621E+01	5.579E+01	1.232E+00
1.920E+04	2.578E-02	2.559E+03	1.116E+02	1.820E+01	4.968E+00	7.501E+01	5.490E+01	1.235E+00
1.940E+04	2.523E-02	2.614E+03	1.123E+02	1.842E+01	5.025E+00	7.361E+01	5.387E+01	1.238E+00
1.960E+04	2.470E-02	2.667E+03	1.131E+02	1.864E+01	5.080E+00	7.203E+01	5.273E+01	1.241E+00
1.980E+04	2.420E-02	2.719E+03	1.138E+02	1.886E+01	5.133E+00	7.031E+01	5.147E+01	1.244E+00
2.000E+04	2.372E-02	2.770E+03	1.145E+02	1.907E+01	5.185E+00	6.846E+01	5.013E+01	1.247E+00
2.020E+04	2.326E-02	2.819E+03	1.152E+02	1.928E+01	5.234E+00	6.652E+01	4.872E+01	1.250E+00
2.040E+04	2.283E-02	2.867E+03	1.159E+02	1.949E+01	5.281E+00	6.451E+01	4.726E+01	1.254E+00
2.060E+04	2.242E-02	2.914E+03	1.164E+02	1.970E+01	5.325E+00	6.246E+01	4.577E+01	1.258E+00
2.080E+04	2.203E-02	2.959E+03	1.170E+02	1.991E+01	5.368E+00	6.040E+01	4.426E+01	1.262E+00
2.100E+04	2.166E-02	3.002E+03	1.176E+02	2.011E+01	5.408E+00	5.834E+01	4.276E+01	1.266E+00
2.120E+04	2.130E-02	3.044E+03	1.181E+02	2.031E+01	5.446E+00	5.632E+01	4.128E+01	1.270E+00
2.140E+04	2.096E-02	3.085E+03	1.187E+02	2.051E+01	5.482E+00	5.434E+01	3.982E+01	1.274E+00
2.160E+04	2.064E-02	3.124E+03	1.191E+02	2.070E+01	5.516E+00	5.243E+01	3.841E+01	1.279E+00
2.180E+04	2.033E-02	3.161E+03	1.196E+02	2.089E+01	5.549E+00	5.060E+01	3.706E+01	1.283E+00
2.200E+04	2.004E-02	3.198E+03	1.201E+02	2.108E+01	5.579E+00	4.885E+01	3.577E+01	1.287E+00
2.220E+04	1.976E-02	3.233E+03	1.205E+02	2.127E+01	5.607E+00	4.721E+01	3.455E+01	1.292E+00
2.240E+04	1.949E-02	3.267E+03	1.209E+02	2.145E+01	5.634E+00	4.567E+01	3.341E+01	1.296E+00
2.260E+04	1.923E-02	3.300E+03	1.213E+02	2.162E+01	5.659E+00	4.425E+01	3.235E+01	1.300E+00
2.280E+04	1.898E-02	3.332E+03	1.217E+02	2.180E+01	5.683E+00	4.294E+01	3.138E+01	1.304E+00
2.300E+04	1.874E-02	3.363E+03	1.221E+02	2.196E+01	5.705E+00	4.175E+01	3.050E+01	1.307E+00
2.320E+04	1.851E-02	3.393E+03	1.224E+02	2.213E+01	5.726E+00	4.067E+01	2.971E+01	1.310E+00
2.340E+04	1.829E-02	3.422E+03	1.228E+02	2.228E+01	5.746E+00	3.973E+01	2.902E+01	1.313E+00
2.360E+04	1.808E-02	3.451E+03	1.231E+02	2.244E+01	5.765E+00	3.890E+01	2.842E+01	1.315E+00
2.380E+04	1.787E-02	3.479E+03	1.234E+02	2.258E+01	5.783E+00	3.820E+01	2.791E+01	1.317E+00
2.400E+04	1.767E-02	3.507E+03	1.238E+02	2.272E+01	5.800E+00	3.762E+01	2.750E+01	1.319E+00
2.420E+04	1.747E-02	3.534E+03	1.241E+02	2.286E+01	5.816E+00	3.715E+01	2.719E+01	1.319E+00
2.440E+04	1.728E-02	3.562E+03	1.244E+02	2.298E+01	5.832E+00	3.681E+01	2.697E+01	1.320E+00
2.460E+04	1.710E-02	3.588E+03	1.247E+02	2.310E+01	5.847E+00	3.659E+01	2.684E+01	1.319E+00
2.480E+04	1.692E-02	3.615E+03	1.250E+02	2.322E+01	5.862E+00	3.649E+01	2.681E+01	1.318E+00
2.500E+04	1.674E-02	3.642E+03	1.253E+02	2.333E+01	5.876E+00	3.651E+01	2.688E+01	1.317E+00



Table I. - Continued.

P/P0 = 1.00E+01

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E+01	-1.718E+02	1.921E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E+01	-1.705E+02	2.174E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E+00	-1.690E+02	2.343E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E+00	-1.672E+02	2.478E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E+00	-1.653E+02	2.594E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E+00	-1.633E+02	2.694E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E+00	-1.612E+02	2.784E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E+00	-1.590E+02	2.865E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E+00	-1.567E+02	2.939E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E+00	-1.543E+02	3.007E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.484E+00	-1.519E+02	3.069E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.277E+00	-1.494E+02	3.127E+01	1.991E+00	1.000E+00	6.745E+00	5.745E+00	1.174E+00
1.300E+03	2.102E+00	-1.470E+02	3.182E+01	2.070E+00	1.000E+00	6.840E+00	5.839E+00	1.171E+00
1.400E+03	1.952E+00	-1.444E+02	3.233E+01	2.145E+00	1.000E+00	6.930E+00	5.929E+00	1.169E+00
1.500E+03	1.822E+00	-1.419E+02	3.281E+01	2.219E+00	1.000E+00	7.028E+00	6.026E+00	1.166E+00
1.600E+03	1.708E+00	-1.393E+02	3.327E+01	2.289E+00	1.000E+00	7.133E+00	6.147E+00	1.164E+00
1.700E+03	1.607E+00	-1.366E+02	3.371E+01	2.356E+00	1.000E+00	7.239E+00	6.315E+00	1.160E+00
1.800E+03	1.517E+00	-1.339E+02	3.413E+01	2.421E+00	1.001E+00	7.346E+00	6.560E+00	1.156E+00
1.900E+03	1.435E+00	-1.311E+02	3.455E+01	2.483E+00	1.002E+00	7.450E+00	6.912E+00	1.151E+00
2.000E+03	1.362E+00	-1.281E+02	3.497E+01	2.542E+00	1.004E+00	7.549E+00	7.408E+00	1.145E+00
2.100E+03	1.294E+00	-1.248E+02	3.543E+01	2.601E+00	1.006E+00	7.647E+00	8.082E+00	1.138E+00
2.200E+03	1.230E+00	-1.213E+02	3.585E+01	2.659E+00	1.010E+00	7.745E+00	8.963E+00	1.131E+00
2.300E+03	1.171E+00	-1.173E+02	3.633E+01	2.718E+00	1.015E+00	7.840E+00	1.007E+01	1.125E+00
2.400E+03	1.114E+00	-1.129E+02	3.685E+01	2.780E+00	1.022E+00	7.930E+00	1.142E+01	1.120E+00
2.500E+03	1.059E+00	-1.079E+02	3.741E+01	2.845E+00	1.032E+00	8.015E+00	1.301E+01	1.115E+00
2.600E+03	1.006E+00	-1.021E+02	3.802E+01	2.915E+00	1.045E+00	8.099E+00	1.480E+01	1.112E+00
2.700E+03	9.542E-01	-9.563E+01	3.869E+01	2.991E+00	1.061E+00	8.195E+00	1.676E+01	1.110E+00
2.800E+03	9.034E-01	-8.825E+01	3.943E+01	3.073E+00	1.080E+00	8.293E+00	1.881E+01	1.110E+00
2.900E+03	8.538E-01	-7.998E+01	4.022E+01	3.161E+00	1.104E+00	8.386E+00	2.089E+01	1.110E+00
3.000E+03	8.055E-01	-7.078E+01	4.107E+01	3.256E+00	1.131E+00	8.491E+00	2.290E+01	1.111E+00
3.100E+03	7.587E-01	-6.071E+01	4.197E+01	3.357E+00	1.162E+00	8.606E+00	2.475E+01	1.112E+00
3.200E+03	7.137E-01	-4.981E+01	4.292E+01	3.465E+00	1.197E+00	8.730E+00	2.637E+01	1.115E+00
3.300E+03	6.709E-01	-3.819E+01	4.389E+01	3.579E+00	1.234E+00	8.861E+00	2.771E+01	1.118E+00
3.400E+03	6.305E-01	-2.596E+01	4.489E+01	3.697E+00	1.275E+00	9.001E+00	2.874E+01	1.121E+00
3.500E+03	5.926E-01	-1.325E+01	4.590E+01	3.820E+00	1.317E+00	9.152E+00	2.947E+01	1.125E+00
3.600E+03	5.574E-01	-1.916E+01	4.690E+01	3.946E+00	1.362E+00	9.305E+00	2.992E+01	1.129E+00
3.700E+03	5.247E-01	1.311E+01	4.790E+01	4.075E+00	1.407E+00	9.458E+00	3.015E+01	1.134E+00
3.800E+03	4.946E-01	2.657E+01	4.887E+01	4.206E+00	1.454E+00	9.605E+00	3.017E+01	1.139E+00
3.900E+03	4.669E-01	4.307E+01	4.981E+01	4.339E+00	1.501E+00	9.749E+00	3.001E+01	1.143E+00
4.000E+03	4.414E-01	5.355E+01	5.077E+01	4.472E+00	1.548E+00	9.890E+00	2.965E+01	1.149E+00
4.100E+03	4.181E-01	6.688E+01	5.167E+01	4.606E+00	1.594E+00	1.003E+01	2.907E+01	1.154E+00
4.200E+03	3.968E-01	7.996E+01	5.253E+01	4.740E+00	1.640E+00	1.016E+01	2.824E+01	1.160E+00
4.300E+03	3.775E-01	9.265E+01	5.337E+01	4.872E+00	1.683E+00	1.029E+01	2.712E+01	1.166E+00
4.400E+03	3.600E-01	1.046E+02	5.411E+01	5.003E+00	1.725E+00	1.042E+01	2.573E+01	1.172E+00
4.500E+03	3.443E-01	1.163E+02	5.481E+01	5.131E+00	1.764E+00	1.055E+01	2.408E+01	1.179E+00
4.600E+03	3.302E-01	1.270E+02	5.545E+01	5.257E+00	1.799E+00	1.067E+01	2.224E+01	1.187E+00
4.700E+03	3.176E-01	1.368E+02	5.603E+01	5.380E+00	1.831E+00	1.079E+01	2.029E+01	1.196E+00
4.800E+03	3.064E-01	1.458E+02	5.655E+01	5.500E+00	1.858E+00	1.090E+01	1.833E+01	1.206E+00
4.900E+03	2.963E-01	1.538E+02	5.700E+01	5.617E+00	1.882E+00	1.099E+01	1.645E+01	1.216E+00
5.000E+03	2.873E-01	1.611E+02	5.740E+01	5.731E+00	1.902E+00	1.107E+01	1.471E+01	1.227E+00
5.100E+03	2.792E-01	1.676E+02	5.775E+01	5.842E+00	1.919E+00	1.115E+01	1.315E+01	1.239E+00
5.200E+03	2.718E-01	1.735E+02	5.806E+01	5.950E+00	1.933E+00	1.122E+01	1.181E+01	1.252E+00
5.300E+03	2.651E-01	1.788E+02	5.834E+01	6.054E+00	1.945E+00	1.129E+01	1.067E+01	1.264E+00
5.400E+03	2.589E-01	1.836E+02	5.859E+01	6.154E+00	1.955E+00	1.136E+01	9.734E+00	1.276E+00
5.500E+03	2.532E-01	1.881E+02	5.881E+01	6.250E+00	1.962E+00	1.142E+01	8.982E+00	1.285E+00
5.600E+03	2.478E-01	1.923E+02	5.902E+01	6.339E+00	1.969E+00	1.148E+01	8.395E+00	1.296E+00
5.700E+03	2.428E-01	1.962E+02	5.921E+01	6.422E+00	1.974E+00	1.153E+01	7.958E+00	1.303E+00
5.800E+03	2.381E-01	2.000E+02	5.939E+01	6.498E+00	1.979E+00	1.158E+01	7.659E+00	1.308E+00
5.900E+03	2.336E-01	2.036E+02	5.956E+01	6.564E+00	1.983E+00	1.163E+01	7.492E+00	1.309E+00
6.000E+03	2.293E-01	2.072E+02	5.972E+01	6.621E+00	1.986E+00	1.167E+01	7.457E+00	1.308E+00
6.100E+03	2.252E-01	2.109E+02	5.989E+01	6.669E+00	1.989E+00	1.171E+01	7.560E+00	1.303E+00
6.200E+03	2.212E-01	2.145E+02	6.005E+01	6.707E+00	1.992E+00	1.174E+01	7.815E+00	1.294E+00
6.300E+03	2.174E-01	2.183E+02	6.022E+01	6.736E+00	1.996E+00	1.177E+01	8.241E+00	1.283E+00
6.400E+03	2.136E-01	2.224E+02	6.039E+01	6.757E+00	1.999E+00	1.180E+01	8.844E+00	1.269E+00
6.500E+03	2.099E-01	2.267E+02	6.057E+01	6.775E+00	2.003E+00	1.183E+01	9.716E+00	1.253E+00
6.600E+03	2.063E-01	2.314E+02	6.077E+01	6.790E+00	2.007E+00	1.185E+01	1.083E+01	1.237E+00
6.700E+03	2.026E-01	2.366E+02	6.098E+01	6.807E+00	2.013E+00	1.187E+01	1.226E+01	1.221E+00
6.800E+03	1.990E-01	2.425E+02	6.122E+01	6.827E+00	2.020E+00	1.189E+01	1.402E+01	1.206E+00
6.900E+03	1.953E-01	2.492E+02	6.149E+01	6.853E+00	2.028E+00	1.191E+01	1.616E+01	1.193E+00
7.000E+03	1.915E-01	2.570E+02	6.179E+01	6.887E+00	2.038E+00	1.193E+01	1.868E+01	1.182E+00
7.100E+03	1.877E-01	2.658E+02	6.214E+01	6.930E+00	2.051E+00	1.195E+01	2.160E+01	1.172E+00
7.200E+03	1.837E-01	2.760E+02	6.253E+01	6.981E+00	2.066E+00	1.197E+01	2.488E+01	1.164E+00
7.300E+03	1.796E-01	2.878E+02	6.297E+01	7.042E+00	2.085E+00	1.200E+01	2.847E+01	1.158E+00
7.400E+03	1.753E-01	3.012E+02	6.347E+01	7.117E+00	2.106E+00	1.203E+01	3.230E+01	1.154E+00
7.500E+03	1.710E-01	3.163E+02	6.402E+01	7.197E+00	2.131E+00	1.206E+01	3.626E+01	1.150E+00
7.600E+03	1.665E-01	3.333E+02	6.464E+01	7.281E+00	2.160E+00	1.209E+01	4.021E+01	1.148E+00
7.700E+03	1.619E-01	3.522E+02	6.531E+01	7.379E+00	2.192E+00	1.212E+01	4.402E+01	1.147E+00
7.800E+03	1.573E-01	3.728E+02	6.604E+01	7.485E+00	2.228E+00	1.215E+01	4.754E+01	1.146E+00
7.900E+03	1.526E-01	3.950E+02	6.681E+01	7.599E+00	2.267E+00	1.218E+01	5.063E+01	1.146E+00
8.000E+03	1.480E-01	4.187E+02	6.762E+01	7.718E+00	2.309E+00	1.221E+01	5.318E+01	1.147E+00
8.200E+03	1.389E-01	4.692E+02	6.933E+01	7.973E+00	2.398E+00	1.230E+01	5.632E+01	1.149E+00

Table 1. - Continued.

T	RND/RND-0	H/RT0	S/R	A/Δ0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.306E-01	5.216E+02	7.105E+01	8.240E+00	2.492E+00	7.151E+01	5.660E+01	1.153E+00
8.600E+03	1.230E-01	5.731E+02	7.271E+01	8.510E+00	2.583E+00	6.848E+01	5.420E+01	1.159E+00
8.800E+03	1.164E-01	6.215E+02	7.423E+01	8.776E+00	2.688E+00	6.304E+01	4.980E+01	1.166E+00
9.000E+03	1.107E-01	6.651E+02	7.556E+01	9.034E+00	2.742E+00	5.598E+01	4.431E+01	1.175E+00
9.200E+03	1.058E-01	7.034E+02	7.671E+01	9.281E+00	2.806E+00	4.869E+01	3.858E+01	1.186E+00
9.400E+03	1.017E-01	7.365E+02	7.749E+01	9.518E+00	2.860E+00	4.201E+01	3.324E+01	1.198E+00
9.600E+03	9.803E-02	7.652E+02	7.851E+01	9.745E+00	2.904E+00	3.639E+01	2.873E+01	1.211E+00
9.800E+03	9.484E-02	7.901E+02	7.921E+01	9.962E+00	2.940E+00	3.194E+01	2.511E+01	1.224E+00
1.000E+04	9.199E-02	8.122E+02	7.982E+01	1.017E+01	2.971E+00	2.861E+01	2.238E+01	1.237E+00
1.020E+04	8.940E-02	8.323E+02	8.037E+01	1.036E+01	2.997E+00	2.626E+01	2.044E+01	1.248E+00
1.040E+04	8.701E-02	8.509E+02	8.086E+01	1.054E+01	3.020E+00	2.472E+01	1.915E+01	1.257E+00
1.060E+04	8.478E-02	8.686E+02	8.132E+01	1.070E+01	3.041E+00	2.382E+01	1.840E+01	1.262E+00
1.080E+04	8.269E-02	8.859E+02	8.176E+01	1.085E+01	3.060E+00	2.343E+01	1.808E+01	1.265E+00
1.100E+04	8.067E-02	9.030E+02	8.219E+01	1.095E+01	3.079E+00	2.346E+01	1.808E+01	1.266E+00
1.120E+04	7.875E-02	9.203E+02	8.262E+01	1.111E+01	3.098E+00	2.381E+01	1.836E+01	1.265E+00
1.140E+04	7.689E-02	9.380E+02	8.304E+01	1.124E+01	3.117E+00	2.442E+01	1.885E+01	1.263E+00
1.160E+04	7.509E-02	9.561E+02	8.348E+01	1.136E+01	3.137E+00	2.525E+01	1.950E+01	1.260E+00
1.180E+04	7.334E-02	9.750E+02	8.392E+01	1.148E+01	3.158E+00	2.625E+01	2.037E+01	1.257E+00
1.200E+04	7.163E-02	9.946E+02	8.437E+01	1.160E+01	3.179E+00	2.740E+01	2.121E+01	1.253E+00
1.220E+04	6.995E-02	1.015E+03	8.483E+01	1.172E+01	3.202E+00	2.868E+01	2.221E+01	1.249E+00
1.240E+04	6.831E-02	1.037E+03	8.531E+01	1.184E+01	3.226E+00	3.007E+01	2.330E+01	1.246E+00
1.260E+04	6.670E-02	1.059E+03	8.580E+01	1.197E+01	3.251E+00	3.155E+01	2.445E+01	1.242E+00
1.280E+04	6.512E-02	1.083E+03	8.631E+01	1.209E+01	3.278E+00	3.313E+01	2.566E+01	1.239E+00
1.300E+04	6.357E-02	1.108E+03	8.683E+01	1.223E+01	3.307E+00	3.478E+01	2.693E+01	1.236E+00
1.320E+04	6.204E-02	1.134E+03	8.738E+01	1.236E+01	3.337E+00	3.650E+01	2.824E+01	1.234E+00
1.340E+04	6.054E-02	1.161E+03	8.794E+01	1.250E+01	3.369E+00	3.829E+01	2.958E+01	1.231E+00
1.360E+04	5.906E-02	1.190E+03	8.852E+01	1.265E+01	3.402E+00	4.013E+01	3.096E+01	1.229E+00
1.380E+04	5.761E-02	1.220E+03	8.912E+01	1.279E+01	3.437E+00	4.202E+01	3.237E+01	1.227E+00
1.400E+04	5.619E-02	1.251E+03	8.974E+01	1.295E+01	3.474E+00	4.397E+01	3.381E+01	1.225E+00
1.420E+04	5.478E-02	1.284E+03	9.038E+01	1.310E+01	3.513E+00	4.595E+01	3.526E+01	1.223E+00
1.440E+04	5.341E-02	1.319E+03	9.103E+01	1.326E+01	3.553E+00	4.797E+01	3.674E+01	1.222E+00
1.460E+04	5.206E-02	1.355E+03	9.171E+01	1.342E+01	3.596E+00	5.002E+01	3.822E+01	1.220E+00
1.480E+04	5.073E-02	1.392E+03	9.240E+01	1.359E+01	3.640E+00	5.209E+01	3.971E+01	1.219E+00
1.500E+04	4.943E-02	1.431E+03	9.312E+01	1.376E+01	3.685E+00	5.418E+01	4.120E+01	1.218E+00
1.520E+04	4.816E-02	1.471E+03	9.385E+01	1.394E+01	3.733E+00	5.628E+01	4.268E+01	1.217E+00
1.540E+04	4.692E-02	1.513E+03	9.460E+01	1.412E+01	3.782E+00	5.837E+01	4.415E+01	1.217E+00
1.560E+04	4.570E-02	1.557E+03	9.537E+01	1.430E+01	3.833E+00	6.044E+01	4.560E+01	1.216E+00
1.580E+04	4.451E-02	1.602E+03	9.615E+01	1.449E+01	3.886E+00	6.248E+01	4.702E+01	1.216E+00
1.600E+04	4.335E-02	1.648E+03	9.695E+01	1.468E+01	3.940E+00	6.448E+01	4.839E+01	1.215E+00
1.620E+04	4.222E-02	1.696E+03	9.776E+01	1.488E+01	3.996E+00	6.641E+01	4.971E+01	1.215E+00
1.640E+04	4.111E-02	1.746E+03	9.859E+01	1.507E+01	4.053E+00	6.826E+01	5.096E+01	1.215E+00
1.660E+04	4.004E-02	1.796E+03	9.942E+01	1.528E+01	4.111E+00	7.001E+01	5.214E+01	1.216E+00
1.680E+04	3.900E-02	1.848E+03	1.003E+02	1.548E+01	4.171E+00	7.163E+01	5.322E+01	1.216E+00
1.700E+04	3.799E-02	1.901E+03	1.011E+02	1.569E+01	4.231E+00	7.311E+01	5.419E+01	1.216E+00
1.720E+04	3.701E-02	1.955E+03	1.020E+02	1.590E+01	4.293E+00	7.442E+01	5.574E+01	1.217E+00
1.740E+04	3.606E-02	2.010E+03	1.029E+02	1.611E+01	4.355E+00	7.555E+01	5.574E+01	1.218E+00
1.760E+04	3.515E-02	2.066E+03	1.037E+02	1.633E+01	4.418E+00	7.647E+01	5.633E+01	1.219E+00
1.780E+04	3.426E-02	2.122E+03	1.046E+02	1.655E+01	4.481E+00	7.717E+01	5.675E+01	1.220E+00
1.800E+04	3.341E-02	2.179E+03	1.055E+02	1.677E+01	4.544E+00	7.764E+01	5.701E+01	1.222E+00
1.820E+04	3.259E-02	2.236E+03	1.063E+02	1.699E+01	4.607E+00	7.787E+01	5.711E+01	1.223E+00
1.840E+04	3.181E-02	2.293E+03	1.072E+02	1.721E+01	4.670E+00	7.784E+01	5.703E+01	1.225E+00
1.860E+04	3.105E-02	2.350E+03	1.080E+02	1.743E+01	4.732E+00	7.757E+01	5.678E+01	1.227E+00
1.880E+04	3.033E-02	2.406E+03	1.088E+02	1.765E+01	4.793E+00	7.705E+01	5.637E+01	1.229E+00
1.900E+04	2.964E-02	2.462E+03	1.097E+02	1.787E+01	4.853E+00	7.630E+01	5.579E+01	1.231E+00
1.920E+04	2.898E-02	2.518E+03	1.104E+02	1.809E+01	4.912E+00	7.532E+01	5.506E+01	1.234E+00
1.940E+04	2.835E-02	2.573E+03	1.112E+02	1.831E+01	4.969E+00	7.413E+01	5.418E+01	1.236E+00
1.960E+04	2.774E-02	2.626E+03	1.120E+02	1.853E+01	5.025E+00	7.276E+01	5.318E+01	1.239E+00
1.980E+04	2.717E-02	2.679E+03	1.127E+02	1.875E+01	5.080E+00	7.122E+01	5.206E+01	1.242E+00
2.000E+04	2.662E-02	2.731E+03	1.134E+02	1.896E+01	5.132E+00	6.954E+01	5.084E+01	1.245E+00
2.020E+04	2.610E-02	2.781E+03	1.141E+02	1.917E+01	5.182E+00	6.774E+01	4.954E+01	1.249E+00
2.040E+04	2.561E-02	2.830E+03	1.148E+02	1.939E+01	5.231E+00	6.586E+01	4.817E+01	1.252E+00
2.060E+04	2.514E-02	2.877E+03	1.154E+02	1.959E+01	5.277E+00	6.392E+01	4.676E+01	1.256E+00
2.080E+04	2.469E-02	2.923E+03	1.160E+02	1.980E+01	5.321E+00	6.194E+01	4.532E+01	1.259E+00
2.100E+04	2.426E-02	2.968E+03	1.166E+02	2.001E+01	5.363E+00	5.994E+01	4.386E+01	1.263E+00
2.120E+04	2.386E-02	3.011E+03	1.171E+02	2.021E+01	5.403E+00	5.795E+01	4.241E+01	1.267E+00
2.140E+04	2.347E-02	3.053E+03	1.177E+02	2.041E+01	5.441E+00	5.600E+01	4.093E+01	1.271E+00
2.160E+04	2.310E-02	3.093E+03	1.182E+02	2.060E+01	5.476E+00	5.408E+01	3.957E+01	1.276E+00
2.180E+04	2.275E-02	3.132E+03	1.187E+02	2.080E+01	5.510E+00	5.223E+01	3.821E+01	1.280E+00
2.200E+04	2.241E-02	3.170E+03	1.191E+02	2.099E+01	5.542E+00	5.046E+01	3.690E+01	1.284E+00
2.220E+04	2.209E-02	3.206E+03	1.196E+02	2.117E+01	5.572E+00	4.877E+01	3.565E+01	1.288E+00
2.240E+04	2.178E-02	3.241E+03	1.200E+02	2.136E+01	5.600E+00	4.717E+01	3.447E+01	1.292E+00
2.260E+04	2.149E-02	3.275E+03	1.204E+02	2.153E+01	5.627E+00	4.567E+01	3.337E+01	1.296E+00
2.280E+04	2.121E-02	3.308E+03	1.208E+02	2.171E+01	5.652E+00	4.429E+01	3.234E+01	1.300E+00
2.300E+04	2.093E-02	3.340E+03	1.212E+02	2.188E+01	5.676E+00	4.301E+01	3.140E+01	1.304E+00
2.320E+04	2.067E-02	3.371E+03	1.216E+02	2.205E+01	5.698E+00	4.185E+01	3.054E+01	1.307E+00
2.340E+04	2.042E-02	3.401E+03	1.219E+02	2.221E+01	5.719E+00	4.080E+01	2.977E+01	1.310E+00
2.360E+04	2.018E-02	3.431E+03	1.223E+02	2.237E+01	5.739E+00	3.988E+01	2.910E+01	1.313E+00
2.380E+04	1.994E-02	3.460E+03	1.226E+02	2.252E+01	5.758E+00	3.907E+01	2.851E+01	1.315E+00
2.400E+04	1.971E-02	3.488E+03	1.229E+02	2.266E+01	5.776E+00	3.836E+01	2.802E+01	1.317E+00
2.420E+04	1.949E-02	3.516E+03	1.232E+02	2.280E+01	5.793E+00	3.780E+01	2.761E+01	1.318E+00
2.440E+04	1.928E-02	3.543E+03	1.236E+02	2.294E+01	5.810E+00	3.735E+01	2.730E+01	1.319E+00
2.460E+04	1.907E-02	3.571E+03	1.239E+02	2.306E+01	5.826E+00	3.701E+01	2.709E+01	1.319E+00
2.480E+04	1.886E-02	3.598E+03	1.242E+02	2.318E+01	5.841E+00	3.679E+01	2.696E+01	1.319E+00
2.500E+04	1.867E-02	3.625E+03	1.245E+02	2.330E+01	5.856E+00	3.668E+01	2.693E+01	1.318E+00



Table I. - Continued.

P/PO = 2.00E+01

T	RND/RND-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E+01	-1.710E+02	1.852E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E+01	-1.705E+02	2.104E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.344E+00
3.000E+02	1.822E+01	-1.690E+02	2.273E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.280E+00
4.000E+02	1.366E+01	-1.672E+02	2.409E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.093E+01	-1.653E+02	2.524E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E+00	-1.633E+02	2.625E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E+00	-1.612E+02	2.715E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E+00	-1.590E+02	2.796E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E+00	-1.567E+02	2.869E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E+00	-1.543E+02	2.937E+01	1.823E+00	1.000E+00	6.508E+00	5.509E+00	1.182E+00
1.100E+03	4.969E+00	-1.519E+02	3.000E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	4.555E+00	-1.494E+02	3.058E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	4.204E+00	-1.470E+02	3.113E+01	2.070E+00	1.000E+00	6.838E+00	5.838E+00	1.171E+00
1.400E+03	3.904E+00	-1.444E+02	3.164E+01	2.146E+00	1.000E+00	6.925E+00	5.924E+00	1.169E+00
1.500E+03	3.643E+00	-1.419E+02	3.212E+01	2.219E+00	1.000E+00	7.017E+00	6.014E+00	1.167E+00
1.600E+03	3.415E+00	-1.393E+02	3.257E+01	2.289E+00	1.000E+00	7.117E+00	6.122E+00	1.164E+00
1.700E+03	3.214E+00	-1.367E+02	3.301E+01	2.357E+00	1.000E+00	7.214E+00	6.265E+00	1.161E+00
1.800E+03	3.034E+00	-1.340E+02	3.343E+01	2.422E+00	1.001E+00	7.308E+00	6.408E+00	1.158E+00
1.900E+03	2.872E+00	-1.312E+02	3.384E+01	2.484E+00	1.002E+00	7.399E+00	6.555E+00	1.153E+00
2.000E+03	2.725E+00	-1.282E+02	3.425E+01	2.545E+00	1.003E+00	7.487E+00	6.706E+00	1.148E+00
2.100E+03	2.590E+00	-1.251E+02	3.467E+01	2.603E+00	1.005E+00	7.571E+00	6.860E+00	1.142E+00
2.200E+03	2.467E+00	-1.218E+02	3.509E+01	2.661E+00	1.008E+00	7.651E+00	7.017E+00	1.136E+00
2.300E+03	2.348E+00	-1.181E+02	3.554E+01	2.720E+00	1.012E+00	7.728E+00	7.179E+00	1.130E+00
2.400E+03	2.238E+00	-1.140E+02	3.601E+01	2.780E+00	1.018E+00	7.802E+00	7.346E+00	1.124E+00
2.500E+03	2.132E+00	-1.095E+02	3.652E+01	2.842E+00	1.026E+00	7.873E+00	7.516E+00	1.120E+00
2.600E+03	2.030E+00	-1.043E+02	3.707E+01	2.908E+00	1.036E+00	7.940E+00	7.689E+00	1.117E+00
2.700E+03	1.931E+00	-9.858E+01	3.766E+01	2.979E+00	1.049E+00	8.004E+00	7.864E+00	1.114E+00
2.800E+03	1.834E+00	-9.210E+01	3.831E+01	3.054E+00	1.064E+00	8.065E+00	8.040E+00	1.113E+00
2.900E+03	1.740E+00	-8.486E+01	3.900E+01	3.135E+00	1.083E+00	8.123E+00	8.216E+00	1.112E+00
3.000E+03	1.648E+00	-7.684E+01	3.974E+01	3.222E+00	1.106E+00	8.178E+00	8.390E+00	1.113E+00
3.100E+03	1.558E+00	-6.803E+01	4.053E+01	3.315E+00	1.131E+00	8.230E+00	8.561E+00	1.114E+00
3.200E+03	1.472E+00	-5.846E+01	4.136E+01	3.414E+00	1.160E+00	8.279E+00	8.728E+00	1.116E+00
3.300E+03	1.389E+00	-4.820E+01	4.222E+01	3.518E+00	1.192E+00	8.325E+00	8.891E+00	1.118E+00
3.400E+03	1.310E+00	-3.732E+01	4.311E+01	3.627E+00	1.227E+00	8.368E+00	9.050E+00	1.121E+00
3.500E+03	1.236E+00	-2.593E+01	4.401E+01	3.740E+00	1.264E+00	8.408E+00	9.205E+00	1.124E+00
3.600E+03	1.165E+00	-1.412E+01	4.492E+01	3.858E+00	1.303E+00	8.445E+00	9.356E+00	1.128E+00
3.700E+03	1.100E+00	-2.004E+00	4.583E+01	3.978E+00	1.343E+00	8.479E+00	9.503E+00	1.132E+00
3.800E+03	1.039E+00	1.033E+01	4.673E+01	4.101E+00	1.384E+00	8.510E+00	9.646E+00	1.137E+00
3.900E+03	9.823E-01	2.281E+01	4.761E+01	4.226E+00	1.427E+00	8.538E+00	9.785E+00	1.141E+00
4.000E+03	9.300E-01	3.535E+01	4.848E+01	4.352E+00	1.469E+00	8.563E+00	9.919E+00	1.146E+00
4.100E+03	8.814E-01	4.790E+01	4.933E+01	4.480E+00	1.512E+00	8.586E+00	1.004E+01	1.151E+00
4.200E+03	8.371E-01	6.037E+01	5.015E+01	4.608E+00	1.555E+00	8.607E+00	1.018E+01	1.156E+00
4.300E+03	7.960E-01	7.271E+01	5.094E+01	4.736E+00	1.597E+00	8.625E+00	1.031E+01	1.161E+00
4.400E+03	7.584E-01	8.481E+01	5.170E+01	4.863E+00	1.638E+00	8.640E+00	1.044E+01	1.167E+00
4.500E+03	7.227E-01	9.657E+01	5.242E+01	4.990E+00	1.678E+00	8.653E+00	1.056E+01	1.173E+00
4.600E+03	6.925E-01	1.078E+02	5.310E+01	5.116E+00	1.716E+00	8.664E+00	1.068E+01	1.179E+00
4.700E+03	6.639E-01	1.187E+02	5.374E+01	5.239E+00	1.751E+00	8.673E+00	1.079E+01	1.186E+00
4.800E+03	6.381E-01	1.289E+02	5.432E+01	5.361E+00	1.784E+00	8.680E+00	1.090E+01	1.193E+00
4.900E+03	6.147E-01	1.384E+02	5.486E+01	5.480E+00	1.814E+00	8.685E+00	1.100E+01	1.201E+00
5.000E+03	5.937E-01	1.471E+02	5.534E+01	5.596E+00	1.841E+00	8.689E+00	1.110E+01	1.209E+00
5.100E+03	5.746E-01	1.552E+02	5.578E+01	5.709E+00	1.865E+00	8.691E+00	1.120E+01	1.218E+00
5.200E+03	5.574E-01	1.625E+02	5.617E+01	5.820E+00	1.886E+00	8.692E+00	1.130E+01	1.228E+00
5.300E+03	5.418E-01	1.692E+02	5.651E+01	5.928E+00	1.903E+00	8.692E+00	1.140E+01	1.238E+00
5.400E+03	5.276E-01	1.754E+02	5.683E+01	6.033E+00	1.918E+00	8.691E+00	1.150E+01	1.249E+00
5.500E+03	5.145E-01	1.809E+02	5.711E+01	6.135E+00	1.931E+00	8.689E+00	1.160E+01	1.260E+00
5.600E+03	5.025E-01	1.861E+02	5.736E+01	6.233E+00	1.942E+00	8.686E+00	1.170E+01	1.270E+00
5.700E+03	4.914E-01	1.908E+02	5.759E+01	6.327E+00	1.951E+00	8.682E+00	1.180E+01	1.279E+00
5.800E+03	4.811E-01	1.953E+02	5.780E+01	6.416E+00	1.959E+00	8.677E+00	1.190E+01	1.288E+00
5.900E+03	4.713E-01	1.995E+02	5.800E+01	6.499E+00	1.965E+00	8.671E+00	1.200E+01	1.295E+00
6.000E+03	4.622E-01	2.035E+02	5.818E+01	6.575E+00	1.971E+00	8.664E+00	1.210E+01	1.300E+00
6.100E+03	4.535E-01	2.074E+02	5.836E+01	6.645E+00	1.976E+00	8.656E+00	1.220E+01	1.302E+00
6.200E+03	4.452E-01	2.112E+02	5.853E+01	6.706E+00	1.980E+00	8.647E+00	1.230E+01	1.302E+00
6.300E+03	4.373E-01	2.149E+02	5.869E+01	6.758E+00	1.984E+00	8.637E+00	1.240E+01	1.299E+00
6.400E+03	4.297E-01	2.187E+02	5.885E+01	6.802E+00	1.987E+00	8.626E+00	1.250E+01	1.293E+00
6.500E+03	4.223E-01	2.224E+02	5.902E+01	6.837E+00	1.991E+00	8.614E+00	1.260E+01	1.284E+00
6.600E+03	4.152E-01	2.267E+02	5.919E+01	6.864E+00	1.995E+00	8.601E+00	1.270E+01	1.273E+00
6.700E+03	4.081E-01	2.309E+02	5.936E+01	6.889E+00	1.999E+00	8.587E+00	1.280E+01	1.260E+00
6.800E+03	4.012E-01	2.355E+02	5.953E+01	6.909E+00	2.003E+00	8.572E+00	1.290E+01	1.246E+00
6.900E+03	3.944E-01	2.405E+02	5.973E+01	6.929E+00	2.008E+00	8.556E+00	1.300E+01	1.232E+00
7.000E+03	3.876E-01	2.460E+02	5.996E+01	6.951E+00	2.014E+00	8.539E+00	1.310E+01	1.218E+00
7.100E+03	3.807E-01	2.522E+02	6.020E+01	6.976E+00	2.022E+00	8.521E+00	1.320E+01	1.205E+00
7.200E+03	3.738E-01	2.591E+02	6.047E+01	7.007E+00	2.031E+00	8.502E+00	1.330E+01	1.194E+00
7.300E+03	3.668E-01	2.670E+02	6.076E+01	7.045E+00	2.041E+00	8.482E+00	1.340E+01	1.184E+00
7.400E+03	3.596E-01	2.759E+02	6.109E+01	7.090E+00	2.054E+00	8.461E+00	1.350E+01	1.174E+00
7.500E+03	3.522E-01	2.860E+02	6.144E+01	7.143E+00	2.069E+00	8.439E+00	1.360E+01	1.169E+00
7.600E+03	3.446E-01	2.974E+02	6.188E+01	7.204E+00	2.087E+00	8.416E+00	1.370E+01	1.163E+00
7.700E+03	3.369E-01	3.103E+02	6.234E+01	7.274E+00	2.107E+00	8.392E+00	1.380E+01	1.159E+00
7.800E+03	3.289E-01	3.247E+02	6.285E+01	7.352E+00	2.131E+00	8.367E+00	1.390E+01	1.156E+00
7.900E+03	3.207E-01	3.407E+02	6.340E+01	7.438E+00	2.157E+00	8.341E+00	1.400E+01	1.154E+00
8.000E+03	3.124E-01	3.573E+02	6.400E+01	7.531E+00	2.187E+00	8.314E+00	1.410E+01	1.153E+00
8.200E+03	2.956E-01	3.78E+02	6.534E+01	7.740E+00	2.255E+00	8.277E+00	1.420E+01	1.152E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	2.790E-01	4.423E+02	6.680E+01	7.972E+00	2.332E+00	6.347E+01	5.046E+01	1.153E+00
8.600E+03	2.630E-01	4.901E+02	6.834E+01	8.221E+00	2.416E+00	6.649E+01	5.245E+01	1.156E+00
8.800E+03	2.482E-01	5.389E+02	6.987E+01	8.478E+00	2.502E+00	6.648E+01	5.221E+01	1.161E+00
9.000E+03	2.349E-01	5.868E+02	7.134E+01	8.738E+00	2.586E+00	6.372E+01	4.997E+01	1.166E+00
9.200E+03	2.231E-01	6.318E+02	7.269E+01	8.994E+00	2.663E+00	5.893E+01	4.624E+01	1.174E+00
9.400E+03	2.128E-01	6.728E+02	7.390E+01	9.243E+00	2.733E+00	5.304E+01	4.167E+01	1.182E+00
9.600E+03	2.038E-01	7.094E+02	7.495E+01	9.483E+00	2.793E+00	4.691E+01	3.687E+01	1.192E+00
9.800E+03	1.961E-01	7.416E+02	7.585E+01	9.714E+00	2.844E+00	4.116E+01	3.233E+01	1.203E+00
1.000E+04	1.893E-01	7.698E+02	7.663E+01	9.936E+00	2.888E+00	3.616E+01	2.835E+01	1.215E+00
1.020E+04	1.833E-01	7.947E+02	7.731E+01	1.015E+01	2.924E+00	3.207E+01	2.505E+01	1.228E+00
1.040E+04	1.779E-01	8.170E+02	7.790E+01	1.035E+01	2.955E+00	2.887E+01	2.245E+01	1.240E+00
1.060E+04	1.729E-01	8.372E+02	7.842E+01	1.054E+01	2.981E+00	2.648E+01	2.050E+01	1.251E+00
1.080E+04	1.684E-01	8.559E+02	7.890E+01	1.072E+01	3.005E+00	2.479E+01	1.912E+01	1.259E+00
1.100E+04	1.642E-01	8.737E+02	7.935E+01	1.089E+01	3.025E+00	2.369E+01	1.821E+01	1.266E+00
1.120E+04	1.603E-01	8.907E+02	7.977E+01	1.104E+01	3.045E+00	2.306E+01	1.768E+01	1.270E+00
1.140E+04	1.565E-01	9.075E+02	8.017E+01	1.118E+01	3.063E+00	2.281E+01	1.748E+01	1.273E+00
1.160E+04	1.529E-01	9.242E+02	8.057E+01	1.131E+01	3.081E+00	2.287E+01	1.752E+01	1.273E+00
1.180E+04	1.495E-01	9.411E+02	8.096E+01	1.144E+01	3.099E+00	2.319E+01	1.777E+01	1.272E+00
1.200E+04	1.461E-01	9.582E+02	8.136E+01	1.156E+01	3.117E+00	2.371E+01	1.819E+01	1.270E+00
1.220E+04	1.429E-01	9.758E+02	8.175E+01	1.168E+01	3.135E+00	2.441E+01	1.874E+01	1.267E+00
1.240E+04	1.397E-01	9.940E+02	8.216E+01	1.179E+01	3.154E+00	2.525E+01	1.941E+01	1.264E+00
1.260E+04	1.367E-01	1.013E+03	8.257E+01	1.191E+01	3.174E+00	2.622E+01	2.017E+01	1.261E+00
1.280E+04	1.337E-01	1.032E+03	8.299E+01	1.203E+01	3.195E+00	2.729E+01	2.101E+01	1.257E+00
1.300E+04	1.307E-01	1.053E+03	8.342E+01	1.214E+01	3.217E+00	2.846E+01	2.192E+01	1.254E+00
1.320E+04	1.278E-01	1.074E+03	8.387E+01	1.226E+01	3.239E+00	2.971E+01	2.289E+01	1.250E+00
1.340E+04	1.250E-01	1.094E+03	8.432E+01	1.239E+01	3.264E+00	3.103E+01	2.391E+01	1.247E+00
1.360E+04	1.222E-01	1.120E+03	8.479E+01	1.251E+01	3.289E+00	3.242E+01	2.497E+01	1.244E+00
1.380E+04	1.195E-01	1.144E+03	8.528E+01	1.264E+01	3.315E+00	3.387E+01	2.608E+01	1.241E+00
1.400E+04	1.168E-01	1.169E+03	8.577E+01	1.277E+01	3.343E+00	3.537E+01	2.721E+01	1.239E+00
1.420E+04	1.141E-01	1.194E+03	8.629E+01	1.291E+01	3.373E+00	3.693E+01	2.838E+01	1.237E+00
1.440E+04	1.115E-01	1.223E+03	8.677E+01	1.305E+01	3.404E+00	3.853E+01	2.957E+01	1.234E+00
1.460E+04	1.090E-01	1.252E+03	8.735E+01	1.319E+01	3.436E+00	4.017E+01	3.079E+01	1.232E+00
1.480E+04	1.064E-01	1.282E+03	8.792E+01	1.333E+01	3.470E+00	4.185E+01	3.202E+01	1.231E+00
1.500E+04	1.040E-01	1.313E+03	8.849E+01	1.348E+01	3.505E+00	4.356E+01	3.327E+01	1.229E+00
1.520E+04	1.015E-01	1.346E+03	8.908E+01	1.363E+01	3.541E+00	4.530E+01	3.452E+01	1.228E+00
1.540E+04	9.914E-02	1.380E+03	8.968E+01	1.379E+01	3.580E+00	4.706E+01	3.579E+01	1.226E+00
1.560E+04	9.680E-02	1.415E+03	9.030E+01	1.395E+01	3.619E+00	4.883E+01	3.706E+01	1.225E+00
1.580E+04	9.450E-02	1.451E+03	9.093E+01	1.411E+01	3.660E+00	5.062E+01	3.832E+01	1.224E+00
1.600E+04	9.225E-02	1.489E+03	9.158E+01	1.428E+01	3.703E+00	5.241E+01	3.958E+01	1.223E+00
1.620E+04	9.004E-02	1.528E+03	9.224E+01	1.445E+01	3.747E+00	5.419E+01	4.083E+01	1.222E+00
1.640E+04	8.787E-02	1.568E+03	9.292E+01	1.462E+01	3.792E+00	5.596E+01	4.206E+01	1.222E+00
1.660E+04	8.576E-02	1.610E+03	9.361E+01	1.480E+01	3.839E+00	5.770E+01	4.326E+01	1.222E+00
1.680E+04	8.368E-02	1.653E+03	9.431E+01	1.498E+01	3.887E+00	5.942E+01	4.443E+01	1.221E+00
1.700E+04	8.166E-02	1.697E+03	9.502E+01	1.516E+01	3.937E+00	6.108E+01	4.555E+01	1.221E+00
1.720E+04	7.969E-02	1.742E+03	9.575E+01	1.535E+01	3.988E+00	6.269E+01	4.663E+01	1.221E+00
1.740E+04	7.776E-02	1.789E+03	9.648E+01	1.554E+01	4.039E+00	6.422E+01	4.765E+01	1.221E+00
1.760E+04	7.588E-02	1.836E+03	9.722E+01	1.573E+01	4.092E+00	6.566E+01	4.860E+01	1.222E+00
1.780E+04	7.406E-02	1.885E+03	9.797E+01	1.593E+01	4.146E+00	6.701E+01	4.948E+01	1.222E+00
1.800E+04	7.228E-02	1.934E+03	9.873E+01	1.613E+01	4.201E+00	6.824E+01	5.027E+01	1.223E+00
1.820E+04	7.054E-02	1.985E+03	9.949E+01	1.633E+01	4.256E+00	6.934E+01	5.097E+01	1.223E+00
1.840E+04	6.888E-02	2.036E+03	1.003E+02	1.653E+01	4.312E+00	7.031E+01	5.157E+01	1.224E+00
1.860E+04	6.726E-02	2.088E+03	1.010E+02	1.673E+01	4.369E+00	7.111E+01	5.206E+01	1.225E+00
1.880E+04	6.569E-02	2.140E+03	1.018E+02	1.694E+01	4.425E+00	7.176E+01	5.244E+01	1.226E+00
1.900E+04	6.418E-02	2.193E+03	1.025E+02	1.715E+01	4.482E+00	7.223E+01	5.270E+01	1.228E+00
1.920E+04	6.271E-02	2.246E+03	1.033E+02	1.736E+01	4.539E+00	7.253E+01	5.284E+01	1.229E+00
1.940E+04	6.130E-02	2.299E+03	1.041E+02	1.757E+01	4.596E+00	7.264E+01	5.285E+01	1.231E+00
1.960E+04	5.994E-02	2.352E+03	1.048E+02	1.778E+01	4.652E+00	7.257E+01	5.274E+01	1.233E+00
1.980E+04	5.863E-02	2.405E+03	1.055E+02	1.799E+01	4.708E+00	7.231E+01	5.250E+01	1.235E+00
2.000E+04	5.737E-02	2.458E+03	1.063E+02	1.820E+01	4.763E+00	7.188E+01	5.214E+01	1.237E+00
2.020E+04	5.617E-02	2.510E+03	1.070E+02	1.841E+01	4.817E+00	7.127E+01	5.167E+01	1.239E+00
2.040E+04	5.501E-02	2.562E+03	1.077E+02	1.863E+01	4.871E+00	7.050E+01	5.109E+01	1.241E+00
2.060E+04	5.390E-02	2.614E+03	1.084E+02	1.884E+01	4.923E+00	6.958E+01	5.040E+01	1.244E+00
2.080E+04	5.283E-02	2.664E+03	1.090E+02	1.904E+01	4.974E+00	6.852E+01	4.962E+01	1.246E+00
2.100E+04	5.181E-02	2.714E+03	1.097E+02	1.925E+01	5.023E+00	6.733E+01	4.875E+01	1.249E+00
2.120E+04	5.083E-02	2.763E+03	1.103E+02	1.946E+01	5.071E+00	6.604E+01	4.781E+01	1.252E+00
2.140E+04	4.990E-02	2.811E+03	1.109E+02	1.966E+01	5.118E+00	6.466E+01	4.681E+01	1.255E+00
2.160E+04	4.901E-02	2.857E+03	1.115E+02	1.987E+01	5.163E+00	6.320E+01	4.575E+01	1.258E+00
2.180E+04	4.815E-02	2.903E+03	1.121E+02	2.007E+01	5.207E+00	6.168E+01	4.466E+01	1.261E+00
2.200E+04	4.733E-02	2.948E+03	1.126E+02	2.027E+01	5.248E+00	6.013E+01	4.354E+01	1.265E+00
2.220E+04	4.655E-02	2.991E+03	1.132E+02	2.047E+01	5.289E+00	5.856E+01	4.240E+01	1.268E+00
2.240E+04	4.580E-02	3.033E+03	1.137E+02	2.066E+01	5.327E+00	5.697E+01	4.126E+01	1.272E+00
2.260E+04	4.509E-02	3.075E+03	1.142E+02	2.085E+01	5.364E+00	5.540E+01	4.012E+01	1.275E+00
2.280E+04	4.440E-02	3.115E+03	1.147E+02	2.104E+01	5.399E+00	5.384E+01	3.899E+01	1.279E+00
2.300E+04	4.374E-02	3.153E+03	1.151E+02	2.123E+01	5.432E+00	5.232E+01	3.789E+01	1.283E+00
2.320E+04	4.311E-02	3.191E+03	1.156E+02	2.142E+01	5.464E+00	5.085E+01	3.682E+01	1.286E+00
2.340E+04	4.251E-02	3.228E+03	1.160E+02	2.160E+01	5.494E+00	4.943E+01	3.578E+01	1.290E+00
2.360E+04	4.193E-02	3.264E+03	1.164E+02	2.178E+01	5.523E+00	4.807E+01	3.480E+01	1.293E+00
2.380E+04	4.137E-02	3.298E+03	1.168E+02	2.195E+01	5.551E+00	4.678E+01	3.386E+01	1.297E+00
2.400E+04	4.083E-02	3.332E+03	1.172E+02	2.213E+01	5.577E+00	4.556E+01	3.298E+01	1.300E+00
2.420E+04	4.032E-02	3.365E+03	1.176E+02	2.229E+01	5.602E+00	4.442E+01	3.216E+01	1.303E+00
2.440E+04	3.982E-02	3.397E+03	1.180E+02	2.246E+01	5.625E+00	4.337E+01	3.140E+01	1.306E+00
2.460E+04	3.934E-02	3.429E+03	1.183E+02	2.262E+01	5.648E+00	4.241E+01	3.070E+01	1.309E+00
2.480E+04	3.887E-02	3.459E+03	1.186E+02	2.277E+01	5.670E+00	4.154E+01	3.007E+01	1.311E+00
2.500E+04	3.842E-02	3.489E+03	1.190E+02	2.293E+01	5.690E+00	4.075E+01	2.952E+01	1.313E+00

Table I. - Continued.

P/PO = 3.00E+01

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E+01	-1.718E+02	1.812E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E+01	-1.705E+02	2.064E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	2.733E+01	-1.690E+02	2.233E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E+01	-1.672E+02	2.368E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E+01	-1.653E+02	2.484E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E+01	-1.633E+02	2.584E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E+01	-1.612E+02	2.674E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E+01	-1.590E+02	2.755E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E+00	-1.567E+02	2.829E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E+00	-1.543E+02	2.897E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	7.453E+00	-1.519E+02	2.959E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	6.832E+00	-1.494E+02	3.018E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	6.306E+00	-1.470E+02	3.07E+01	2.070E+00	1.000E+00	6.837E+00	5.837E+00	1.171E+00
1.400E+03	5.856E+00	-1.444E+02	3.123E+01	2.146E+00	1.000E+00	6.923E+00	5.922E+00	1.169E+00
1.500E+03	5.465E+00	-1.419E+02	3.171E+01	2.219E+00	1.000E+00	7.011E+00	6.009E+00	1.167E+00
1.600E+03	5.123E+00	-1.393E+02	3.217E+01	2.289E+00	1.000E+00	7.114E+00	6.110E+00	1.164E+00
1.700E+03	4.821E+00	-1.367E+02	3.260E+01	2.357E+00	1.000E+00	7.250E+00	6.241E+00	1.162E+00
1.800E+03	4.551E+00	-1.340E+02	3.302E+01	2.423E+00	1.001E+00	7.41E+00	6.423E+00	1.158E+00
1.900E+03	4.309E+00	-1.312E+02	3.343E+01	2.485E+00	1.001E+00	7.712E+00	6.679E+00	1.154E+00
2.000E+03	4.089E+00	-1.283E+02	3.383E+01	2.546E+00	1.002E+00	8.090E+00	7.033E+00	1.149E+00
2.100E+03	3.888E+00	-1.253E+02	3.424E+01	2.605E+00	1.004E+00	8.603E+00	7.510E+00	1.144E+00
2.200E+03	3.702E+00	-1.220E+02	3.466E+01	2.663E+00	1.007E+00	9.277E+00	8.133E+00	1.138E+00
2.300E+03	3.528E+00	-1.185E+02	3.509E+01	2.721E+00	1.010E+00	1.013E+01	8.919E+00	1.132E+00
2.400E+03	3.364E+00	-1.146E+02	3.554E+01	2.780E+00	1.016E+00	1.119E+01	9.878E+00	1.127E+00
2.500E+03	3.208E+00	-1.102E+02	3.602E+01	2.841E+00	1.022E+00	1.245E+01	1.101E+01	1.123E+00
2.600E+03	3.058E+00	-1.054E+02	3.654E+01	2.905E+00	1.031E+00	1.392E+01	1.231E+01	1.119E+00
2.700E+03	2.912E+00	-1.000E+02	3.709E+01	2.973E+00	1.043E+00	1.557E+01	1.376E+01	1.116E+00
2.800E+03	2.771E+00	-9.400E+01	3.769E+01	3.046E+00	1.056E+00	1.738E+01	1.532E+01	1.115E+00
2.900E+03	2.634E+00	-8.729E+01	3.833E+01	3.123E+00	1.073E+00	1.929E+01	1.695E+01	1.114E+00
3.000E+03	2.500E+00	-7.987E+01	3.902E+01	3.206E+00	1.093E+00	2.127E+01	1.859E+01	1.114E+00
3.100E+03	2.370E+00	-7.172E+01	3.975E+01	3.294E+00	1.116E+00	2.324E+01	2.019E+01	1.115E+00
3.200E+03	2.244E+00	-6.286E+01	4.052E+01	3.388E+00	1.142E+00	2.513E+01	2.169E+01	1.116E+00
3.300E+03	2.122E+00	-5.333E+01	4.132E+01	3.486E+00	1.171E+00	2.688E+01	2.303E+01	1.119E+00
3.400E+03	2.006E+00	-4.320E+01	4.215E+01	3.590E+00	1.202E+00	2.843E+01	2.418E+01	1.121E+00
3.500E+03	1.895E+00	-3.255E+01	4.299E+01	3.699E+00	1.236E+00	2.974E+01	2.511E+01	1.124E+00
3.600E+03	1.791E+00	-2.145E+01	4.384E+01	3.811E+00	1.272E+00	3.080E+01	2.582E+01	1.128E+00
3.700E+03	1.693E+00	-1.002E+01	4.470E+01	3.926E+00	1.309E+00	3.161E+01	2.631E+01	1.132E+00
3.800E+03	1.601E+00	1.665E+00	4.555E+01	4.044E+00	1.347E+00	3.219E+01	2.661E+01	1.136E+00
3.900E+03	1.516E+00	1.353E+01	4.639E+01	4.165E+00	1.387E+00	3.257E+01	2.674E+01	1.140E+00
4.000E+03	1.436E+00	2.550E+01	4.722E+01	4.287E+00	1.427E+00	3.278E+01	2.674E+01	1.144E+00
4.100E+03	1.363E+00	3.751E+01	4.803E+01	4.410E+00	1.467E+00	3.283E+01	2.662E+01	1.149E+00
4.200E+03	1.295E+00	4.952E+01	4.882E+01	4.534E+00	1.508E+00	3.273E+01	2.639E+01	1.154E+00
4.300E+03	1.232E+00	6.146E+01	4.959E+01	4.658E+00	1.548E+00	3.247E+01	2.604E+01	1.159E+00
4.400E+03	1.173E+00	7.328E+01	5.033E+01	4.783E+00	1.588E+00	3.203E+01	2.556E+01	1.164E+00
4.500E+03	1.120E+00	8.489E+01	5.104E+01	4.908E+00	1.627E+00	3.139E+01	2.493E+01	1.170E+00
4.600E+03	1.070E+00	9.623E+01	5.172E+01	5.032E+00	1.665E+00	3.051E+01	2.414E+01	1.175E+00
4.700E+03	1.025E+00	1.072E+02	5.237E+01	5.154E+00	1.701E+00	2.941E+01	2.319E+01	1.181E+00
4.800E+03	9.840E-01	1.177E+02	5.297E+01	5.276E+00	1.736E+00	2.808E+01	2.208E+01	1.188E+00
4.900E+03	9.463E-01	1.277E+02	5.354E+01	5.395E+00	1.768E+00	2.655E+01	2.083E+01	1.194E+00
5.000E+03	9.121E-01	1.372E+02	5.406E+01	5.512E+00	1.798E+00	2.489E+01	1.949E+01	1.202E+00
5.100E+03	8.810E-01	1.460E+02	5.453E+01	5.627E+00	1.825E+00	2.316E+01	1.839E+01	1.209E+00
5.200E+03	8.528E-01	1.541E+02	5.497E+01	5.739E+00	1.849E+00	2.141E+01	1.669E+01	1.218E+00
5.300E+03	8.271E-01	1.617E+02	5.536E+01	5.848E+00	1.870E+00	1.971E+01	1.533E+01	1.227E+00
5.400E+03	8.038E-01	1.686E+02	5.571E+01	5.955E+00	1.889E+00	1.811E+01	1.405E+01	1.236E+00
5.500E+03	7.825E-01	1.749E+02	5.603E+01	6.059E+00	1.905E+00	1.665E+01	1.287E+01	1.246E+00
5.600E+03	7.629E-01	1.808E+02	5.632E+01	6.160E+00	1.919E+00	1.534E+01	1.182E+01	1.255E+00
5.700E+03	7.449E-01	1.862E+02	5.658E+01	6.258E+00	1.931E+00	1.420E+01	1.090E+01	1.265E+00
5.800E+03	7.282E-01	1.912E+02	5.682E+01	6.351E+00	1.941E+00	1.323E+01	1.012E+01	1.274E+00
5.900E+03	7.126E-01	1.959E+02	5.704E+01	6.441E+00	1.950E+00	1.241E+01	9.469E+00	1.282E+00
6.000E+03	6.981E-01	2.003E+02	5.724E+01	6.525E+00	1.957E+00	1.176E+01	8.944E+00	1.289E+00
6.100E+03	6.844E-01	2.045E+02	5.743E+01	6.604E+00	1.964E+00	1.125E+01	8.542E+00	1.294E+00
6.200E+03	6.715E-01	2.086E+02	5.761E+01	6.676E+00	1.969E+00	1.089E+01	8.259E+00	1.298E+00
6.300E+03	6.592E-01	2.125E+02	5.778E+01	6.741E+00	1.974E+00	1.066E+01	8.094E+00	1.299E+00
6.400E+03	6.474E-01	2.164E+02	5.795E+01	6.798E+00	1.978E+00	1.057E+01	8.048E+00	1.297E+00
6.500E+03	6.362E-01	2.203E+02	5.811E+01	6.847E+00	1.983E+00	1.063E+01	8.128E+00	1.293E+00
6.600E+03	6.253E-01	2.242E+02	5.828E+01	6.888E+00	1.987E+00	1.085E+01	8.342E+00	1.286E+00
6.700E+03	6.141E-01	2.282E+02	5.844E+01	6.922E+00	1.990E+00	1.124E+01	8.704E+00	1.277E+00
6.800E+03	6.045E-01	2.325E+02	5.861E+01	6.950E+00	1.995E+00	1.181E+01	9.231E+00	1.266E+00
6.900E+03	5.944E-01	2.369E+02	5.879E+01	6.974E+00	1.999E+00	1.260E+01	9.942E+00	1.254E+00
7.000E+03	5.844E-01	2.417E+02	5.898E+01	6.996E+00	2.004E+00	1.364E+01	1.086E+01	1.240E+00
7.100E+03	5.746E-01	2.469E+02	5.918E+01	7.019E+00	2.010E+00	1.494E+01	1.200E+01	1.227E+00
7.200E+03	5.647E-01	2.527E+02	5.940E+01	7.043E+00	2.015E+00	1.653E+01	1.340E+01	1.215E+00
7.300E+03	5.548E-01	2.591E+02	5.964E+01	7.072E+00	2.024E+00	1.845E+01	1.505E+01	1.203E+00
7.400E+03	5.448E-01	2.663E+02	5.991E+01	7.106E+00	2.033E+00	2.070E+01	1.698E+01	1.193E+00
7.500E+03	5.347E-01	2.743E+02	6.020E+01	7.147E+00	2.044E+00	2.330E+01	1.918E+01	1.184E+00
7.600E+03	5.243E-01	2.834E+02	6.053E+01	7.194E+00	2.057E+00	2.624E+01	2.164E+01	1.177E+00
7.700E+03	5.137E-01	2.936E+02	6.090E+01	7.249E+00	2.072E+00	2.950E+01	2.433E+01	1.171E+00
7.800E+03	5.029E-01	3.050E+02	6.130E+01	7.312E+00	2.090E+00	3.304E+01	2.721E+01	1.166E+00
7.900E+03	4.918E-01	3.178E+02	6.174E+01	7.382E+00	2.110E+00	3.678E+01	3.021E+01	1.162E+00
8.000E+03	4.804E-01	3.320E+02	6.223E+01	7.460E+00	2.133E+00	4.066E+01	3.326E+01	1.159E+00
8.200E+03	4.570E-01	3.646E+02	6.333E+01	7.637E+00	2.187E+00	4.840E+01	3.919E+01	1.156E+00

Table I. - Continued.

T	RHO/RHO-0	H/R10	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	4.133E-01	4.026E+02	6.458E+01	7.842E+00	2.252E+00	5.534E+01	4.432E+01	1.155E+00
8.600E+03	4.139E-01	4.452E+02	6.595E+01	8.068E+00	2.326E+00	6.061E+01	4.806E+01	1.157E+00
8.800E+03	3.473E-01	4.908E+02	6.738E+01	8.309E+00	2.405E+00	6.355E+01	5.000E+01	1.160E+00
9.000E+03	3.642E-01	5.376E+02	6.882E+01	8.560E+00	2.487E+00	6.388E+01	5.002E+01	1.164E+00
9.200E+03	3.811E-01	5.838E+02	7.021E+01	8.814E+00	2.567E+00	6.179E+01	4.828E+01	1.169E+00
9.400E+03	3.981E-01	6.277E+02	7.149E+01	9.065E+00	2.642E+00	5.782E+01	4.517E+01	1.176E+00
9.600E+03	4.150E-01	6.682E+02	7.266E+01	9.311E+00	2.711E+00	5.271E+01	4.121E+01	1.184E+00
9.800E+03	4.319E-01	7.047E+02	7.369E+01	9.548E+00	2.771E+00	4.719E+01	3.692E+01	1.193E+00
1.000E+04	4.488E-01	7.373E+02	7.459E+01	9.778E+00	2.823E+00	4.184E+01	3.272E+01	1.204E+00
1.020E+04	4.657E-01	7.661E+02	7.537E+01	9.999E+00	2.868E+00	3.705E+01	2.893E+01	1.215E+00
1.040E+04	4.826E-01	7.917E+02	7.605E+01	1.021E+01	2.905E+00	3.299E+01	2.568E+01	1.227E+00
1.060E+04	4.995E-01	8.146E+02	7.664E+01	1.042E+01	2.937E+00	2.970E+01	2.304E+01	1.239E+00
1.080E+04	5.164E-01	8.354E+02	7.717E+01	1.061E+01	2.965E+00	2.716E+01	2.098E+01	1.249E+00
1.100E+04	5.333E-01	8.546E+02	7.765E+01	1.079E+01	2.989E+00	2.528E+01	1.945E+01	1.259E+00
1.120E+04	5.502E-01	8.726E+02	7.810E+01	1.096E+01	3.011E+00	2.395E+01	1.837E+01	1.266E+00
1.140E+04	5.671E-01	8.898E+02	7.851E+01	1.112E+01	3.030E+00	2.310E+01	1.767E+01	1.272E+00
1.160E+04	5.840E-01	9.065E+02	7.891E+01	1.126E+01	3.049E+00	2.263E+01	1.729E+01	1.275E+00
1.180E+04	6.009E-01	9.230E+02	7.929E+01	1.140E+01	3.066E+00	2.248E+01	1.716E+01	1.277E+00
1.200E+04	6.178E-01	9.395E+02	7.967E+01	1.153E+01	3.084E+00	2.259E+01	1.724E+01	1.277E+00
1.220E+04	6.347E-01	9.561E+02	8.005E+01	1.165E+01	3.101E+00	2.291E+01	1.750E+01	1.275E+00
1.240E+04	6.516E-01	9.731E+02	8.042E+01	1.177E+01	3.118E+00	2.341E+01	1.790E+01	1.273E+00
1.260E+04	6.685E-01	9.904E+02	8.080E+01	1.188E+01	3.136E+00	2.406E+01	1.841E+01	1.270E+00
1.280E+04	6.854E-01	1.008E+03	8.119E+01	1.200E+01	3.154E+00	2.483E+01	1.902E+01	1.267E+00
1.300E+04	7.023E-01	1.027E+03	8.158E+01	1.211E+01	3.173E+00	2.571E+01	1.972E+01	1.264E+00
1.320E+04	7.192E-01	1.046E+03	8.198E+01	1.222E+01	3.193E+00	2.669E+01	2.049E+01	1.261E+00
1.340E+04	7.361E-01	1.066E+03	8.239E+01	1.234E+01	3.214E+00	2.775E+01	2.131E+01	1.257E+00
1.360E+04	7.530E-01	1.087E+03	8.281E+01	1.246E+01	3.235E+00	2.889E+01	2.219E+01	1.254E+00
1.380E+04	7.699E-01	1.108E+03	8.324E+01	1.258E+01	3.258E+00	3.009E+01	2.312E+01	1.251E+00
1.400E+04	7.868E-01	1.131E+03	8.368E+01	1.270E+01	3.282E+00	3.134E+01	2.408E+01	1.248E+00
1.420E+04	8.037E-01	1.154E+03	8.414E+01	1.282E+01	3.307E+00	3.266E+01	2.508E+01	1.245E+00
1.440E+04	8.206E-01	1.179E+03	8.460E+01	1.295E+01	3.333E+00	3.402E+01	2.611E+01	1.243E+00
1.460E+04	8.375E-01	1.204E+03	8.508E+01	1.308E+01	3.360E+00	3.543E+01	2.717E+01	1.240E+00
1.480E+04	8.544E-01	1.230E+03	8.557E+01	1.322E+01	3.389E+00	3.688E+01	2.825E+01	1.238E+00
1.500E+04	8.713E-01	1.258E+03	8.608E+01	1.335E+01	3.419E+00	3.836E+01	2.935E+01	1.236E+00
1.520E+04	8.882E-01	1.287E+03	8.659E+01	1.349E+01	3.450E+00	3.988E+01	3.046E+01	1.234E+00
1.540E+04	9.051E-01	1.316E+03	8.713E+01	1.364E+01	3.482E+00	4.143E+01	3.159E+01	1.233E+00
1.560E+04	9.220E-01	1.347E+03	8.767E+01	1.378E+01	3.516E+00	4.300E+01	3.273E+01	1.231E+00
1.580E+04	9.389E-01	1.379E+03	8.823E+01	1.393E+01	3.551E+00	4.459E+01	3.388E+01	1.230E+00
1.600E+04	9.558E-01	1.413E+03	8.880E+01	1.408E+01	3.588E+00	4.619E+01	3.502E+01	1.229E+00
1.620E+04	9.727E-01	1.447E+03	8.938E+01	1.424E+01	3.626E+00	4.781E+01	3.617E+01	1.227E+00
1.640E+04	9.896E-01	1.483E+03	8.998E+01	1.440E+01	3.665E+00	4.943E+01	3.731E+01	1.227E+00
1.660E+04	1.006E-01	1.519E+03	9.059E+01	1.456E+01	3.705E+00	5.105E+01	3.844E+01	1.226E+00
1.680E+04	1.023E-01	1.557E+03	9.121E+01	1.473E+01	3.747E+00	5.266E+01	3.956E+01	1.225E+00
1.700E+04	1.040E-01	1.597E+03	9.184E+01	1.490E+01	3.790E+00	5.426E+01	4.066E+01	1.225E+00
1.720E+04	1.057E-01	1.637E+03	9.249E+01	1.507E+01	3.834E+00	5.583E+01	4.173E+01	1.224E+00
1.740E+04	1.074E-01	1.678E+03	9.314E+01	1.525E+01	3.879E+00	5.736E+01	4.277E+01	1.224E+00
1.760E+04	1.091E-01	1.721E+03	9.381E+01	1.542E+01	3.926E+00	5.885E+01	4.377E+01	1.224E+00
1.780E+04	1.108E-01	1.767E+03	9.448E+01	1.561E+01	3.973E+00	6.029E+01	4.472E+01	1.224E+00
1.800E+04	1.125E-01	1.813E+03	9.516E+01	1.579E+01	4.022E+00	6.166E+01	4.563E+01	1.224E+00
1.820E+04	1.142E-01	1.855E+03	9.585E+01	1.598E+01	4.071E+00	6.296E+01	4.647E+01	1.225E+00
1.840E+04	1.159E-01	1.901E+03	9.654E+01	1.617E+01	4.122E+00	6.417E+01	4.726E+01	1.225E+00
1.860E+04	1.176E-01	1.949E+03	9.724E+01	1.636E+01	4.173E+00	6.529E+01	4.796E+01	1.226E+00
1.880E+04	1.193E-01	1.997E+03	9.795E+01	1.655E+01	4.225E+00	6.629E+01	4.859E+01	1.226E+00
1.900E+04	1.210E-01	2.048E+03	9.865E+01	1.675E+01	4.277E+00	6.718E+01	4.914E+01	1.227E+00
1.920E+04	1.227E-01	2.095E+03	9.936E+01	1.695E+01	4.330E+00	6.795E+01	4.960E+01	1.228E+00
1.940E+04	1.244E-01	2.145E+03	1.001E+02	1.715E+01	4.383E+00	6.857E+01	4.996E+01	1.229E+00
1.960E+04	1.261E-01	2.196E+03	1.008E+02	1.735E+01	4.436E+00	6.906E+01	5.023E+01	1.231E+00
1.980E+04	1.278E-01	2.246E+03	1.015E+02	1.755E+01	4.490E+00	6.940E+01	5.039E+01	1.232E+00
2.000E+04	1.295E-01	2.297E+03	1.022E+02	1.776E+01	4.543E+00	6.958E+01	5.045E+01	1.234E+00
2.020E+04	1.312E-01	2.348E+03	1.029E+02	1.796E+01	4.596E+00	6.962E+01	5.041E+01	1.235E+00
2.040E+04	1.329E-01	2.399E+03	1.036E+02	1.817E+01	4.648E+00	6.950E+01	5.026E+01	1.237E+00
2.060E+04	1.346E-01	2.450E+03	1.042E+02	1.837E+01	4.701E+00	6.923E+01	5.002E+01	1.239E+00
2.080E+04	1.363E-01	2.500E+03	1.049E+02	1.858E+01	4.752E+00	6.881E+01	4.967E+01	1.241E+00
2.100E+04	1.380E-01	2.551E+03	1.056E+02	1.878E+01	4.803E+00	6.826E+01	4.924E+01	1.244E+00
2.120E+04	1.397E-01	2.600E+03	1.062E+02	1.899E+01	4.853E+00	6.757E+01	4.871E+01	1.246E+00
2.140E+04	1.414E-01	2.650E+03	1.068E+02	1.919E+01	4.902E+00	6.676E+01	4.810E+01	1.248E+00
2.160E+04	1.431E-01	2.698E+03	1.074E+02	1.940E+01	4.950E+00	6.583E+01	4.742E+01	1.251E+00
2.180E+04	1.448E-01	2.746E+03	1.080E+02	1.960E+01	4.996E+00	6.481E+01	4.666E+01	1.254E+00
2.200E+04	1.465E-01	2.793E+03	1.086E+02	1.980E+01	5.042E+00	6.369E+01	4.585E+01	1.256E+00
2.220E+04	1.482E-01	2.839E+03	1.092E+02	2.000E+01	5.086E+00	6.250E+01	4.499E+01	1.259E+00
2.240E+04	1.499E-01	2.885E+03	1.098E+02	2.020E+01	5.129E+00	6.125E+01	4.408E+01	1.262E+00
2.260E+04	1.516E-01	2.929E+03	1.103E+02	2.039E+01	5.170E+00	5.995E+01	4.314E+01	1.265E+00
2.280E+04	1.533E-01	2.972E+03	1.108E+02	2.059E+01	5.210E+00	5.862E+01	4.218E+01	1.269E+00
2.300E+04	1.550E-01	3.015E+03	1.113E+02	2.078E+01	5.249E+00	5.726E+01	4.120E+01	1.272E+00
2.320E+04	1.567E-01	3.056E+03	1.118E+02	2.097E+01	5.286E+00	5.589E+01	4.022E+01	1.275E+00
2.340E+04	1.584E-01	3.097E+03	1.123E+02	2.116E+01	5.321E+00	5.453E+01	3.924E+01	1.278E+00
2.360E+04	1.601E-01	3.136E+03	1.127E+02	2.135E+01	5.356E+00	5.318E+01	3.827E+01	1.282E+00
2.380E+04	1.618E-01	3.175E+03	1.132E+02	2.153E+01	5.388E+00	5.186E+01	3.731E+01	1.285E+00
2.400E+04	1.635E-01	3.212E+03	1.136E+02	2.171E+01	5.420E+00	5.056E+01	3.638E+01	1.288E+00
2.420E+04	1.652E-01	3.249E+03	1.140E+02	2.189E+01	5.450E+00	4.931E+01	3.548E+01	1.292E+00
2.440E+04	1.669E-01	3.284E+03	1.144E+02	2.207E+01	5.479E+00	4.811E+01	3.462E+01	1.295E+00
2.460E+04	1.686E-01	3.319E+03	1.148E+02	2.224E+01	5.506E+00	4.696E+01	3.379E+01	1.298E+00
2.480E+04	1.703E-01	3.353E+03	1.152E+02	2.241E+01	5.532E+00	4.587E+01	3.301E+01	1.301E+00
2.500E+04	1.720E-01	3.386E+03	1.156E+02	2.257E+01	5.557E+00	4.485E+01	3.228E+01	1.304E+00

Table I. - Continued.

P/P0 = 4.00E+01

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E+02	-1.718E+02	1.783E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.465E+01	-1.705E+02	2.035E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E+01	-1.690E+02	2.204E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E+01	-1.472E+02	2.340E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E+01	-1.453E+02	2.455E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E+01	-1.433E+02	2.556E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E+01	-1.412E+02	2.645E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E+01	-1.390E+02	2.726E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E+01	-1.367E+02	2.800E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E+01	-1.343E+02	2.868E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	9.937E+00	-1.319E+02	2.931E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	9.109E+00	-1.494E+02	2.989E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	8.408E+00	-1.470E+02	3.043E+01	2.070E+00	1.000E+00	6.837E+00	5.837E+00	1.171E+00
1.400E+03	7.808E+00	-1.444E+02	3.094E+01	2.146E+00	1.000E+00	6.921E+00	5.921E+00	1.169E+00
1.500E+03	7.287E+00	-1.419E+02	3.142E+01	2.219E+00	1.000E+00	7.007E+00	6.006E+00	1.167E+00
1.600E+03	6.831E+00	-1.393E+02	3.188E+01	2.289E+00	1.000E+00	7.106E+00	6.102E+00	1.164E+00
1.700E+03	6.428E+00	-1.367E+02	3.231E+01	2.357E+00	1.000E+00	7.234E+00	6.226E+00	1.162E+00
1.800E+03	6.069E+00	-1.340E+02	3.273E+01	2.423E+00	1.001E+00	7.411E+00	6.395E+00	1.159E+00
1.900E+03	5.746E+00	-1.312E+02	3.314E+01	2.486E+00	1.001E+00	7.660E+00	6.630E+00	1.155E+00
2.000E+03	5.453E+00	-1.284E+02	3.354E+01	2.547E+00	1.002E+00	8.007E+00	6.955E+00	1.150E+00
2.100E+03	5.186E+00	-1.254E+02	3.394E+01	2.606E+00	1.004E+00	8.476E+00	7.392E+00	1.145E+00
2.200E+03	4.938E+00	-1.222E+02	3.435E+01	2.664E+00	1.006E+00	9.091E+00	7.960E+00	1.140E+00
2.300E+03	4.708E+00	-1.187E+02	3.477E+01	2.722E+00	1.009E+00	9.874E+00	8.678E+00	1.134E+00
2.400E+03	4.491E+00	-1.149E+02	3.521E+01	2.780E+00	1.014E+00	1.084E+01	9.555E+00	1.129E+00
2.500E+03	4.285E+00	-1.107E+02	3.567E+01	2.841E+00	1.020E+00	1.199E+01	1.059E+01	1.125E+00
2.600E+03	4.088E+00	-1.061E+02	3.617E+01	2.904E+00	1.028E+00	1.333E+01	1.179E+01	1.121E+00
2.700E+03	3.898E+00	-1.009E+02	3.670E+01	2.970E+00	1.039E+00	1.485E+01	1.312E+01	1.118E+00
2.800E+03	3.713E+00	-9.521E+01	3.727E+01	3.040E+00	1.051E+00	1.652E+01	1.456E+01	1.116E+00
2.900E+03	3.533E+00	-8.884E+01	3.788E+01	3.116E+00	1.067E+00	1.830E+01	1.608E+01	1.115E+00
3.000E+03	3.358E+00	-8.180E+01	3.853E+01	3.195E+00	1.085E+00	2.014E+01	1.763E+01	1.111E+00
3.100E+03	3.188E+00	-7.409E+01	3.922E+01	3.281E+00	1.106E+00	2.200E+01	1.915E+01	1.116E+00
3.200E+03	3.023E+00	-6.570E+01	3.995E+01	3.371E+00	1.130E+00	2.381E+01	2.059E+01	1.117E+00
3.300E+03	2.864E+00	-5.667E+01	4.071E+01	3.466E+00	1.157E+00	2.550E+01	2.191E+01	1.119E+00
3.400E+03	2.711E+00	-4.704E+01	4.149E+01	3.566E+00	1.186E+00	2.704E+01	2.306E+01	1.121E+00
3.500E+03	2.565E+00	-3.689E+01	4.230E+01	3.671E+00	1.217E+00	2.836E+01	2.401E+01	1.124E+00
3.600E+03	2.427E+00	-2.630E+01	4.311E+01	3.779E+00	1.251E+00	2.946E+01	2.476E+01	1.128E+00
3.700E+03	2.297E+00	-1.535E+01	4.393E+01	3.891E+00	1.286E+00	3.033E+01	2.531E+01	1.131E+00
3.800E+03	2.175E+00	-4.119E+00	4.475E+01	4.006E+00	1.323E+00	3.097E+01	2.567E+01	1.135E+00
3.900E+03	2.061E+00	7.308E+00	4.556E+01	4.123E+00	1.360E+00	3.142E+01	2.587E+01	1.139E+00
4.000E+03	1.954E+00	1.887E+01	4.636E+01	4.242E+00	1.398E+00	3.169E+01	2.592E+01	1.144E+00
4.100E+03	1.855E+00	3.050E+01	4.714E+01	4.367E+00	1.437E+00	3.182E+01	2.587E+01	1.148E+00
4.200E+03	1.763E+00	4.215E+01	4.791E+01	4.483E+00	1.476E+00	3.181E+01	2.571E+01	1.153E+00
4.300E+03	1.678E+00	5.378E+01	4.866E+01	4.605E+00	1.515E+00	3.167E+01	2.545E+01	1.158E+00
4.400E+03	1.599E+00	6.533E+01	4.938E+01	4.728E+00	1.553E+00	3.139E+01	2.509E+01	1.163E+00
4.500E+03	1.526E+00	7.674E+01	5.008E+01	4.850E+00	1.591E+00	3.095E+01	2.462E+01	1.168E+00
4.600E+03	1.459E+00	8.797E+01	5.076E+01	4.972E+00	1.629E+00	3.033E+01	2.402E+01	1.173E+00
4.700E+03	1.392E+00	9.893E+01	5.140E+01	5.094E+00	1.665E+00	2.950E+01	2.328E+01	1.179E+00
4.800E+03	1.340E+00	1.095E+02	5.201E+01	5.213E+00	1.700E+00	2.848E+01	2.239E+01	1.185E+00
4.900E+03	1.287E+00	1.198E+02	5.259E+01	5.334E+00	1.733E+00	2.726E+01	2.137E+01	1.191E+00
5.000E+03	1.239E+00	1.295E+02	5.313E+01	5.451E+00	1.764E+00	2.588E+01	2.024E+01	1.197E+00
5.100E+03	1.196E+00	1.387E+02	5.362E+01	5.566E+00	1.793E+00	2.437E+01	1.902E+01	1.204E+00
5.200E+03	1.156E+00	1.473E+02	5.408E+01	5.679E+00	1.819E+00	2.278E+01	1.775E+01	1.212E+00
5.300E+03	1.119E+00	1.554E+02	5.450E+01	5.789E+00	1.843E+00	2.119E+01	1.647E+01	1.220E+00
5.400E+03	1.086E+00	1.628E+02	5.488E+01	5.897E+00	1.864E+00	1.962E+01	1.522E+01	1.228E+00
5.500E+03	1.056E+00	1.698E+02	5.523E+01	6.002E+00	1.882E+00	1.813E+01	1.403E+01	1.237E+00
5.600E+03	1.028E+00	1.761E+02	5.554E+01	6.105E+00	1.899E+00	1.676E+01	1.293E+01	1.246E+00
5.700E+03	1.003E+00	1.820E+02	5.583E+01	6.204E+00	1.913E+00	1.552E+01	1.194E+01	1.255E+00
5.800E+03	9.790E-01	1.875E+02	5.609E+01	6.301E+00	1.925E+00	1.442E+01	1.106E+01	1.264E+00
5.900E+03	9.571E-01	1.926E+02	5.633E+01	6.393E+00	1.936E+00	1.348E+01	1.031E+01	1.272E+00
6.000E+03	9.368E-01	1.974E+02	5.655E+01	6.482E+00	1.945E+00	1.268E+01	9.669E+00	1.280E+00
6.100E+03	9.177E-01	2.019E+02	5.675E+01	6.566E+00	1.953E+00	1.203E+01	9.150E+00	1.287E+00
6.200E+03	8.998E-01	2.062E+02	5.694E+01	6.644E+00	1.959E+00	1.152E+01	8.746E+00	1.292E+00
6.300E+03	8.828E-01	2.104E+02	5.712E+01	6.716E+00	1.965E+00	1.114E+01	8.456E+00	1.295E+00
6.400E+03	8.667E-01	2.144E+02	5.730E+01	6.781E+00	1.971E+00	1.090E+01	8.279E+00	1.296E+00
6.500E+03	8.513E-01	2.184E+02	5.746E+01	6.839E+00	1.975E+00	1.079E+01	8.216E+00	1.295E+00
6.600E+03	8.366E-01	2.223E+02	5.763E+01	6.899E+00	1.980E+00	1.082E+01	8.274E+00	1.291E+00
6.700E+03	8.224E-01	2.263E+02	5.779E+01	6.932E+00	1.984E+00	1.101E+01	8.460E+00	1.285E+00
6.800E+03	8.086E-01	2.304E+02	5.796E+01	6.968E+00	1.988E+00	1.138E+01	8.786E+00	1.277E+00
6.900E+03	7.952E-01	2.347E+02	5.813E+01	6.999E+00	1.992E+00	1.188E+01	9.266E+00	1.267E+00
7.000E+03	7.820E-01	2.392E+02	5.830E+01	7.025E+00	1.997E+00	1.260E+01	9.917E+00	1.255E+00
7.100E+03	7.691E-01	2.439E+02	5.849E+01	7.049E+00	2.002E+00	1.355E+01	1.076E+01	1.243E+00
7.200E+03	7.563E-01	2.491E+02	5.869E+01	7.073E+00	2.007E+00	1.474E+01	1.181E+01	1.230E+00
7.300E+03	7.435E-01	2.548E+02	5.890E+01	7.099E+00	2.014E+00	1.620E+01	1.308E+01	1.218E+00
7.400E+03	7.307E-01	2.610E+02	5.913E+01	7.128E+00	2.022E+00	1.795E+01	1.459E+01	1.207E+00
7.500E+03	7.178E-01	2.679E+02	5.939E+01	7.161E+00	2.030E+00	2.001E+01	1.636E+01	1.197E+00
7.600E+03	7.047E-01	2.757E+02	5.974E+01	7.201E+00	2.041E+00	2.238E+01	1.836E+01	1.188E+00
7.700E+03	6.914E-01	2.844E+02	5.998E+01	7.247E+00	2.053E+00	2.506E+01	2.061E+01	1.181E+00
7.800E+03	6.779E-01	2.941E+02	6.032E+01	7.300E+00	2.067E+00	2.804E+01	2.307E+01	1.175E+00
7.900E+03	6.640E-01	3.048E+02	6.070E+01	7.359E+00	2.084E+00	3.128E+01	2.571E+01	1.170E+00
8.000E+03	6.499E-01	3.170E+02	6.111E+01	7.427E+00	2.103E+00	3.472E+01	2.848E+01	1.166E+00
8.200E+03	6.204E-01	3.451E+02	6.204E+01	7.582E+00	2.148E+00	4.196E+01	3.414E+01	1.160E+00



Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	5.906E-01	3.784E+02	6.316E+01	7.765E+00	2.203E+00	4.904E+01	3.950E+01	1.158E+00
8.600E+03	5.603E-01	4.167E+02	6.438E+01	7.972E+00	2.268E+00	5.517E+01	4.397E+01	1.158E+00
8.800E+03	5.306E-01	4.588E+02	6.571E+01	8.198E+00	2.341E+00	5.961E+01	4.706E+01	1.160E+00
9.000E+03	5.022E-01	5.034E+02	6.708E+01	8.438E+00	2.418E+00	6.187E+01	4.850E+01	1.163E+00
9.200E+03	4.758E-01	5.488E+02	6.844E+01	8.686E+00	2.497E+00	6.179E+01	4.823E+01	1.167E+00
9.400E+03	4.518E-01	5.934E+02	6.975E+01	8.935E+00	2.574E+00	5.960E+01	4.643E+01	1.173E+00
9.600E+03	4.303E-01	6.357E+02	7.096E+01	9.182E+00	2.646E+00	5.579E+01	4.346E+01	1.180E+00
9.800E+03	4.114E-01	6.749E+02	7.207E+01	9.423E+00	2.711E+00	5.103E+01	3.977E+01	1.188E+00
1.000E+04	3.947E-01	7.104E+02	7.305E+01	9.657E+00	2.769E+00	4.592E+01	3.580E+01	1.197E+00
1.020E+04	3.800E-01	7.421E+02	7.391E+01	9.883E+00	2.820E+00	4.097E+01	3.193E+01	1.207E+00
1.040E+04	3.671E-01	7.705E+02	7.466E+01	1.010E+01	2.863E+00	3.650E+01	2.841E+01	1.218E+00
1.060E+04	3.556E-01	7.957E+02	7.532E+01	1.031E+01	2.900E+00	3.268E+01	2.537E+01	1.229E+00
1.080E+04	3.452E-01	8.185E+02	7.590E+01	1.051E+01	2.932E+00	2.956E+01	2.286E+01	1.241E+00
1.100E+04	3.358E-01	8.392E+02	7.642E+01	1.070E+01	2.959E+00	2.711E+01	2.089E+01	1.251E+00
1.120E+04	3.271E-01	8.583E+02	7.689E+01	1.088E+01	2.984E+00	2.526E+01	1.939E+01	1.260E+00
1.140E+04	3.191E-01	8.763E+02	7.732E+01	1.105E+01	3.005E+00	2.393E+01	1.831E+01	1.268E+00
1.160E+04	3.115E-01	8.935E+02	7.773E+01	1.121E+01	3.025E+00	2.304E+01	1.758E+01	1.273E+00
1.180E+04	3.044E-01	9.101E+02	7.812E+01	1.136E+01	3.043E+00	2.251E+01	1.716E+01	1.277E+00
1.200E+04	2.976E-01	9.265E+02	7.849E+01	1.149E+01	3.060E+00	2.229E+01	1.697E+01	1.279E+00
1.220E+04	2.912E-01	9.428E+02	7.886E+01	1.162E+01	3.077E+00	2.232E+01	1.699E+01	1.279E+00
1.240E+04	2.849E-01	9.592E+02	7.923E+01	1.174E+01	3.094E+00	2.255E+01	1.718E+01	1.278E+00
1.260E+04	2.789E-01	9.759E+02	7.959E+01	1.186E+01	3.111E+00	2.296E+01	1.751E+01	1.276E+00
1.280E+04	2.730E-01	9.929E+02	7.996E+01	1.198E+01	3.128E+00	2.351E+01	1.795E+01	1.274E+00
1.300E+04	2.673E-01	1.010E+03	8.033E+01	1.209E+01	3.145E+00	2.419E+01	1.848E+01	1.271E+00
1.320E+04	2.618E-01	1.028E+03	8.070E+01	1.220E+01	3.163E+00	2.497E+01	1.910E+01	1.268E+00
1.340E+04	2.564E-01	1.047E+03	8.108E+01	1.231E+01	3.182E+00	2.584E+01	1.979E+01	1.264E+00
1.360E+04	2.510E-01	1.066E+03	8.147E+01	1.243E+01	3.202E+00	2.680E+01	2.054E+01	1.261E+00
1.380E+04	2.458E-01	1.086E+03	8.187E+01	1.254E+01	3.222E+00	2.782E+01	2.133E+01	1.258E+00
1.400E+04	2.407E-01	1.107E+03	8.228E+01	1.266E+01	3.243E+00	2.891E+01	2.218E+01	1.255E+00
1.420E+04	2.357E-01	1.129E+03	8.270E+01	1.278E+01	3.265E+00	3.006E+01	2.306E+01	1.252E+00
1.440E+04	2.308E-01	1.151E+03	8.313E+01	1.290E+01	3.289E+00	3.126E+01	2.397E+01	1.249E+00
1.460E+04	2.260E-01	1.174E+03	8.357E+01	1.302E+01	3.313E+00	3.251E+01	2.492E+01	1.246E+00
1.480E+04	2.212E-01	1.199E+03	8.402E+01	1.315E+01	3.338E+00	3.380E+01	2.589E+01	1.244E+00
1.500E+04	2.166E-01	1.224E+03	8.448E+01	1.328E+01	3.365E+00	3.513E+01	2.689E+01	1.242E+00
1.520E+04	2.120E-01	1.250E+03	8.495E+01	1.341E+01	3.393E+00	3.649E+01	2.790E+01	1.239E+00
1.540E+04	2.074E-01	1.277E+03	8.544E+01	1.354E+01	3.422E+00	3.789E+01	2.893E+01	1.237E+00
1.560E+04	2.030E-01	1.306E+03	8.594E+01	1.368E+01	3.452E+00	3.931E+01	2.998E+01	1.236E+00
1.580E+04	1.986E-01	1.335E+03	8.645E+01	1.382E+01	3.483E+00	4.076E+01	3.103E+01	1.234E+00
1.600E+04	1.943E-01	1.365E+03	8.697E+01	1.397E+01	3.516E+00	4.223E+01	3.210E+01	1.233E+00
1.620E+04	1.901E-01	1.397E+03	8.750E+01	1.411E+01	3.549E+00	4.372E+01	3.316E+01	1.231E+00
1.640E+04	1.859E-01	1.429E+03	8.805E+01	1.426E+01	3.584E+00	4.522E+01	3.423E+01	1.230E+00
1.660E+04	1.819E-01	1.463E+03	8.861E+01	1.442E+01	3.621E+00	4.672E+01	3.530E+01	1.229E+00
1.680E+04	1.779E-01	1.498E+03	8.917E+01	1.457E+01	3.658E+00	4.823E+01	3.635E+01	1.228E+00
1.700E+04	1.739E-01	1.534E+03	8.975E+01	1.473E+01	3.697E+00	4.974E+01	3.740E+01	1.228E+00
1.720E+04	1.701E-01	1.571E+03	9.035E+01	1.489E+01	3.736E+00	5.123E+01	3.844E+01	1.227E+00
1.740E+04	1.663E-01	1.609E+03	9.095E+01	1.506E+01	3.777E+00	5.271E+01	3.945E+01	1.226E+00
1.760E+04	1.626E-01	1.648E+03	9.156E+01	1.523E+01	3.819E+00	5.417E+01	4.044E+01	1.226E+00
1.780E+04	1.590E-01	1.688E+03	9.218E+01	1.540E+01	3.863E+00	5.559E+01	4.140E+01	1.226E+00
1.800E+04	1.554E-01	1.729E+03	9.281E+01	1.557E+01	3.907E+00	5.698E+01	4.232E+01	1.226E+00
1.820E+04	1.520E-01	1.771E+03	9.344E+01	1.575E+01	3.952E+00	5.831E+01	4.321E+01	1.226E+00
1.840E+04	1.486E-01	1.815E+03	9.409E+01	1.593E+01	3.998E+00	5.959E+01	4.405E+01	1.226E+00
1.860E+04	1.453E-01	1.859E+03	9.474E+01	1.611E+01	4.045E+00	6.081E+01	4.483E+01	1.226E+00
1.880E+04	1.421E-01	1.904E+03	9.539E+01	1.630E+01	4.093E+00	6.195E+01	4.556E+01	1.227E+00
1.900E+04	1.389E-01	1.949E+03	9.606E+01	1.648E+01	4.141E+00	6.300E+01	4.623E+01	1.227E+00
1.920E+04	1.359E-01	1.996E+03	9.672E+01	1.667E+01	4.190E+00	6.396E+01	4.683E+01	1.228E+00
1.940E+04	1.329E-01	2.043E+03	9.739E+01	1.686E+01	4.240E+00	6.482E+01	4.735E+01	1.229E+00
1.960E+04	1.300E-01	2.091E+03	9.806E+01	1.706E+01	4.290E+00	6.557E+01	4.780E+01	1.230E+00
1.980E+04	1.272E-01	2.139E+03	9.873E+01	1.725E+01	4.341E+00	6.621E+01	4.817E+01	1.231E+00
2.000E+04	1.245E-01	2.188E+03	9.939E+01	1.745E+01	4.391E+00	6.672E+01	4.845E+01	1.232E+00
2.020E+04	1.218E-01	2.237E+03	1.001E+02	1.765E+01	4.442E+00	6.711E+01	4.865E+01	1.234E+00
2.040E+04	1.193E-01	2.286E+03	1.007E+02	1.785E+01	4.493E+00	6.736E+01	4.875E+01	1.235E+00
2.060E+04	1.168E-01	2.335E+03	1.014E+02	1.805E+01	4.544E+00	6.749E+01	4.877E+01	1.237E+00
2.080E+04	1.144E-01	2.385E+03	1.020E+02	1.825E+01	4.594E+00	6.748E+01	4.870E+01	1.239E+00
2.100E+04	1.121E-01	2.434E+03	1.027E+02	1.845E+01	4.644E+00	6.733E+01	4.854E+01	1.240E+00
2.120E+04	1.098E-01	2.483E+03	1.033E+02	1.865E+01	4.694E+00	6.706E+01	4.829E+01	1.242E+00
2.140E+04	1.077E-01	2.532E+03	1.039E+02	1.885E+01	4.743E+00	6.666E+01	4.796E+01	1.245E+00
2.160E+04	1.056E-01	2.581E+03	1.046E+02	1.905E+01	4.791E+00	6.614E+01	4.754E+01	1.247E+00
2.180E+04	1.034E-01	2.629E+03	1.052E+02	1.925E+01	4.839E+00	6.551E+01	4.706E+01	1.249E+00
2.200E+04	1.017E-01	2.677E+03	1.058E+02	1.945E+01	4.885E+00	6.477E+01	4.650E+01	1.252E+00
2.220E+04	9.985E-02	2.724E+03	1.063E+02	1.965E+01	4.931E+00	6.394E+01	4.588E+01	1.254E+00
2.240E+04	9.807E-02	2.770E+03	1.069E+02	1.985E+01	4.976E+00	6.301E+01	4.520E+01	1.257E+00
2.260E+04	9.636E-02	2.816E+03	1.075E+02	2.005E+01	5.019E+00	6.202E+01	4.447E+01	1.259E+00
2.280E+04	9.471E-02	2.861E+03	1.080E+02	2.024E+01	5.062E+00	6.095E+01	4.369E+01	1.262E+00
2.300E+04	9.313E-02	2.905E+03	1.085E+02	2.044E+01	5.103E+00	5.983E+01	4.288E+01	1.265E+00
2.320E+04	9.161E-02	2.949E+03	1.091E+02	2.063E+01	5.143E+00	5.867E+01	4.204E+01	1.268E+00
2.340E+04	9.015E-02	2.991E+03	1.096E+02	2.082E+01	5.182E+00	5.748E+01	4.119E+01	1.271E+00
2.360E+04	8.875E-02	3.033E+03	1.100E+02	2.101E+01	5.219E+00	5.627E+01	4.031E+01	1.274E+00
2.380E+04	8.740E-02	3.074E+03	1.105E+02	2.120E+01	5.255E+00	5.505E+01	3.944E+01	1.277E+00
2.400E+04	8.610E-02	3.114E+03	1.110E+02	2.138E+01	5.290E+00	5.383E+01	3.856E+01	1.281E+00
2.420E+04	8.485E-02	3.153E+03	1.114E+02	2.157E+01	5.323E+00	5.262E+01	3.769E+01	1.284E+00
2.440E+04	8.365E-02	3.191E+03	1.118E+02	2.175E+01	5.355E+00	5.142E+01	3.683E+01	1.287E+00
2.460E+04	8.249E-02	3.228E+03	1.122E+02	2.193E+01	5.386E+00	5.026E+01	3.600E+01	1.290E+00
2.480E+04	8.138E-02	3.264E+03	1.126E+02	2.210E+01	5.416E+00	4.912E+01	3.519E+01	1.293E+00
2.500E+04	8.031E-02	3.300E+03	1.130E+02	2.228E+01	5.445E+00	4.803E+01	3.441E+01	1.296E+00



Table I. - Continued.

P/PO = 5.00E+01

T	AMO/RMO-O	H/RTD	S/R	A/AO	Z	CP/R	CV/R	GAMMA
1.000E+02	1.366E+02	-1.718E+02	1.760E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	6.832E+01	-1.705E+02	2.013E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.555E+01	-1.690E+02	2.182E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E+01	-1.672E+02	2.317E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.733E+01	-1.653E+02	2.433E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E+01	-1.633E+02	2.533E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E+01	-1.612E+02	2.623E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E+01	-1.590E+02	2.704E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E+01	-1.567E+02	2.778E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.366E+01	-1.543E+02	2.846E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.242E+01	-1.519E+02	2.908E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.139E+01	-1.494E+02	2.967E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	1.051E+01	-1.470E+02	3.021E+01	2.070E+00	1.000E+00	6.836E+00	5.836E+00	1.171E+00
1.400E+03	9.760E+00	-1.444E+02	3.072E+01	2.146E+00	1.000E+00	6.920E+00	5.920E+00	1.169E+00
1.500E+03	9.109E+00	-1.419E+02	3.120E+01	2.219E+00	1.000E+00	7.005E+00	6.003E+00	1.167E+00
1.600E+03	8.539E+00	-1.393E+02	3.165E+01	2.290E+00	1.000E+00	7.100E+00	6.097E+00	1.165E+00
1.700E+03	8.035E+00	-1.367E+02	3.209E+01	2.358E+00	1.000E+00	7.223E+00	6.215E+00	1.162E+00
1.800E+03	7.586E+00	-1.340E+02	3.251E+01	2.423E+00	1.001E+00	7.390E+00	6.375E+00	1.159E+00
1.900E+03	7.183E+00	-1.313E+02	3.291E+01	2.486E+00	1.001E+00	7.624E+00	6.596E+00	1.155E+00
2.000E+03	6.818E+00	-1.284E+02	3.331E+01	2.547E+00	1.002E+00	7.948E+00	6.900E+00	1.151E+00
2.100E+03	6.484E+00	-1.254E+02	3.371E+01	2.607E+00	1.004E+00	8.385E+00	7.307E+00	1.146E+00
2.200E+03	6.176E+00	-1.223E+02	3.411E+01	2.665E+00	1.006E+00	8.959E+00	7.837E+00	1.141E+00
2.300E+03	5.889E+00	-1.189E+02	3.452E+01	2.722E+00	1.009E+00	9.687E+00	8.506E+00	1.136E+00
2.400E+03	5.620E+00	-1.152E+02	3.495E+01	2.781E+00	1.013E+00	1.059E+01	9.324E+00	1.131E+00
2.500E+03	5.364E+00	-1.111E+02	3.541E+01	2.841E+00	1.019E+00	1.166E+01	1.029E+01	1.126E+00
2.600E+03	5.120E+00	-1.066E+02	3.589E+01	2.903E+00	1.026E+00	1.291E+01	1.141E+01	1.122E+00
2.700E+03	4.885E+00	-1.016E+02	3.640E+01	2.968E+00	1.036E+00	1.433E+01	1.266E+01	1.119E+00
2.800E+03	4.657E+00	-9.608E+01	3.695E+01	3.037E+00	1.048E+00	1.590E+01	1.402E+01	1.117E+00
2.900E+03	4.436E+00	-8.995E+01	3.754E+01	3.110E+00	1.062E+00	1.757E+01	1.542E+01	1.116E+00
3.000E+03	4.220E+00	-8.320E+01	3.816E+01	3.188E+00	1.079E+00	1.932E+01	1.692E+01	1.116E+00
3.100E+03	4.011E+00	-7.580E+01	3.883E+01	3.271E+00	1.099E+00	2.110E+01	1.838E+01	1.117E+00
3.200E+03	3.808E+00	-6.776E+01	3.952E+01	3.359E+00	1.121E+00	2.283E+01	1.977E+01	1.118E+00
3.300E+03	3.611E+00	-5.909E+01	4.025E+01	3.452E+00	1.146E+00	2.448E+01	2.106E+01	1.119E+00
3.400E+03	3.423E+00	-4.984E+01	4.101E+01	3.549E+00	1.174E+00	2.599E+01	2.221E+01	1.122E+00
3.500E+03	3.242E+00	-4.008E+01	4.178E+01	3.651E+00	1.204E+00	2.732E+01	2.318E+01	1.124E+00
3.600E+03	3.071E+00	-2.986E+01	4.256E+01	3.756E+00	1.236E+00	2.844E+01	2.395E+01	1.127E+00
3.700E+03	2.909E+00	-1.928E+01	4.336E+01	3.866E+00	1.270E+00	2.934E+01	2.454E+01	1.131E+00
3.800E+03	2.756E+00	-8.399E+00	4.415E+01	3.978E+00	1.305E+00	3.003E+01	2.494E+01	1.135E+00
3.900E+03	2.613E+00	2.692E+00	4.494E+01	4.092E+00	1.341E+00	3.052E+01	2.518E+01	1.139E+00
4.000E+03	2.480E+00	1.393E+01	4.571E+01	4.209E+00	1.377E+00	3.085E+01	2.528E+01	1.143E+00
4.100E+03	2.356E+00	2.526E+01	4.648E+01	4.326E+00	1.415E+00	3.102E+01	2.527E+01	1.147E+00
4.200E+03	2.240E+00	3.664E+01	4.723E+01	4.445E+00	1.452E+00	3.107E+01	2.516E+01	1.152E+00
4.300E+03	2.133E+00	4.800E+01	4.796E+01	4.565E+00	1.490E+00	3.100E+01	2.496E+01	1.157E+00
4.400E+03	2.033E+00	5.933E+01	4.867E+01	4.686E+00	1.527E+00	3.081E+01	2.468E+01	1.161E+00
4.500E+03	1.941E+00	7.055E+01	4.936E+01	4.806E+00	1.565E+00	3.049E+01	2.429E+01	1.166E+00
4.600E+03	1.855E+00	8.164E+01	5.002E+01	4.927E+00	1.601E+00	3.002E+01	2.381E+01	1.172E+00
4.700E+03	1.776E+00	9.252E+01	5.066E+01	5.047E+00	1.637E+00	2.938E+01	2.320E+01	1.177E+00
4.800E+03	1.703E+00	1.031E+02	5.127E+01	5.167E+00	1.672E+00	2.856E+01	2.247E+01	1.183E+00
4.900E+03	1.635E+00	1.134E+02	5.185E+01	5.285E+00	1.705E+00	2.757E+01	2.161E+01	1.188E+00
5.000E+03	1.573E+00	1.233E+02	5.240E+01	5.402E+00	1.737E+00	2.640E+01	2.064E+01	1.195E+00
5.100E+03	1.516E+00	1.327E+02	5.291E+01	5.517E+00	1.767E+00	2.509E+01	1.957E+01	1.201E+00
5.200E+03	1.465E+00	1.417E+02	5.338E+01	5.631E+00	1.794E+00	2.367E+01	1.842E+01	1.208E+00
5.300E+03	1.417E+00	1.501E+02	5.382E+01	5.742E+00	1.819E+00	2.219E+01	1.724E+01	1.215E+00
5.400E+03	1.374E+00	1.579E+02	5.422E+01	5.850E+00	1.842E+00	2.071E+01	1.605E+01	1.223E+00
5.500E+03	1.334E+00	1.652E+02	5.459E+01	5.956E+00	1.863E+00	1.925E+01	1.489E+01	1.231E+00
5.600E+03	1.297E+00	1.720E+02	5.492E+01	6.060E+00	1.881E+00	1.787E+01	1.379E+01	1.240E+00
5.700E+03	1.264E+00	1.783E+02	5.522E+01	6.161E+00	1.897E+00	1.659E+01	1.277E+01	1.248E+00
5.800E+03	1.233E+00	1.842E+02	5.550E+01	6.259E+00	1.910E+00	1.543E+01	1.184E+01	1.257E+00
5.900E+03	1.205E+00	1.896E+02	5.576E+01	6.353E+00	1.923E+00	1.440E+01	1.102E+01	1.265E+00
6.000E+03	1.178E+00	1.947E+02	5.599E+01	6.444E+00	1.933E+00	1.350E+01	1.031E+01	1.273E+00
6.100E+03	1.153E+00	1.995E+02	5.621E+01	6.531E+00	1.942E+00	1.275E+01	9.709E+00	1.280E+00
6.200E+03	1.130E+00	2.041E+02	5.641E+01	6.613E+00	1.950E+00	1.213E+01	9.219E+00	1.286E+00
6.300E+03	1.108E+00	2.084E+02	5.660E+01	6.690E+00	1.957E+00	1.164E+01	8.838E+00	1.291E+00
6.400E+03	1.087E+00	2.126E+02	5.678E+01	6.767E+00	1.963E+00	1.128E+01	8.565E+00	1.293E+00
6.500E+03	1.068E+00	2.167E+02	5.695E+01	6.825E+00	1.969E+00	1.105E+01	8.402E+00	1.294E+00
6.600E+03	1.049E+00	2.207E+02	5.712E+01	6.882E+00	1.974E+00	1.096E+01	8.350E+00	1.293E+00
6.700E+03	1.031E+00	2.246E+02	5.729E+01	6.932E+00	1.978E+00	1.100E+01	8.416E+00	1.289E+00
6.800E+03	1.014E+00	2.288E+02	5.745E+01	6.975E+00	1.982E+00	1.119E+01	8.607E+00	1.283E+00
6.900E+03	9.967E-01	2.330E+02	5.762E+01	7.011E+00	1.987E+00	1.154E+01	8.935E+00	1.275E+00
7.000E+03	9.803E-01	2.373E+02	5.779E+01	7.043E+00	1.991E+00	1.206E+01	9.411E+00	1.265E+00
7.100E+03	9.642E-01	2.418E+02	5.796E+01	7.070E+00	1.996E+00	1.277E+01	1.005E+01	1.254E+00
7.200E+03	9.483E-01	2.467E+02	5.815E+01	7.095E+00	2.001E+00	1.370E+01	1.087E+01	1.242E+00
7.300E+03	9.324E-01	2.519E+02	5.834E+01	7.121E+00	2.007E+00	1.486E+01	1.189E+01	1.230E+00
7.400E+03	9.170E-01	2.576E+02	5.856E+01	7.148E+00	2.014E+00	1.627E+01	1.313E+01	1.219E+00
7.500E+03	9.014E-01	2.639E+02	5.879E+01	7.178E+00	2.021E+00	1.796E+01	1.458E+01	1.208E+00
7.600E+03	8.856E-01	2.708E+02	5.904E+01	7.212E+00	2.030E+00	1.994E+01	1.627E+01	1.199E+00
7.700E+03	8.697E-01	2.785E+02	5.931E+01	7.252E+00	2.040E+00	2.220E+01	1.819E+01	1.190E+00
7.800E+03	8.535E-01	2.871E+02	5.961E+01	7.298E+00	2.052E+00	2.476E+01	2.032E+01	1.183E+00
7.900E+03	8.370E-01	2.967E+02	5.995E+01	7.351E+00	2.066E+00	2.758E+01	2.265E+01	1.177E+00
8.000E+03	8.202E-01	3.073E+02	6.031E+01	7.410E+00	2.082E+00	3.065E+01	2.515E+01	1.172E+00
8.200E+03	7.855E-01	3.322E+02	6.115E+01	7.550E+00	2.121E+00	3.730E+01	3.043E+01	1.165E+00

Table I. - Continued.

T	RHO/RHO-0	H/RTU	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	7.446E-01	3.620E+02	6.213E+01	7.716E+00	2.170E+00	4.417E+01	3.572E+01	1.161E+00
8.600E+03	7.131E-01	3.967E+02	6.325E+01	7.907E+00	2.228E+00	5.057E+01	4.048E+01	1.160E+00
8.800E+03	6.767E-01	4.358E+02	6.447E+01	8.119E+00	2.295E+00	5.580E+01	4.422E+01	1.161E+00
9.000E+03	6.413E-01	4.780E+02	6.577E+01	8.348E+00	2.367E+00	5.926E+01	4.656E+01	1.163E+00
9.200E+03	6.079E-01	5.220E+02	6.709E+01	8.588E+00	2.443E+00	6.062E+01	4.735E+01	1.166E+00
9.400E+03	5.770E-01	5.663E+02	6.839E+01	8.833E+00	2.519E+00	5.987E+01	4.660E+01	1.171E+00
9.600E+03	5.489E-01	6.093E+02	6.963E+01	9.079E+00	2.593E+00	5.730E+01	4.453E+01	1.177E+00
9.800E+03	5.239E-01	6.499E+02	7.077E+01	9.321E+00	2.661E+00	5.342E+01	4.151E+01	1.184E+00
1.000E+04	5.017E-01	6.873E+02	7.180E+01	9.558E+00	2.723E+00	4.881E+01	3.795E+01	1.193E+00
1.020E+04	4.822E-01	7.213E+02	7.272E+01	9.788E+00	2.778E+00	4.401E+01	3.422E+01	1.202E+00
1.040E+04	4.649E-01	7.518E+02	7.353E+01	1.001E+01	2.826E+00	3.942E+01	3.063E+01	1.212E+00
1.060E+04	4.496E-01	7.791E+02	7.424E+01	1.022E+01	2.867E+00	3.531E+01	2.739E+01	1.223E+00
1.080E+04	4.358E-01	8.037E+02	7.487E+01	1.043E+01	2.903E+00	3.180E+01	2.460E+01	1.234E+00
1.100E+04	4.235E-01	8.258E+02	7.543E+01	1.063E+01	2.933E+00	2.893E+01	2.230E+01	1.244E+00
1.120E+04	4.121E-01	8.462E+02	7.593E+01	1.082E+01	2.960E+00	2.666E+01	2.048E+01	1.254E+00
1.140E+04	4.017E-01	8.650E+02	7.638E+01	1.099E+01	2.983E+00	2.494E+01	1.910E+01	1.263E+00
1.160E+04	3.920E-01	8.828E+02	7.680E+01	1.116E+01	3.005E+00	2.370E+01	1.809E+01	1.270E+00
1.180E+04	3.829E-01	8.998E+02	7.720E+01	1.131E+01	3.024E+00	2.286E+01	1.742E+01	1.275E+00
1.200E+04	3.743E-01	9.164E+02	7.758E+01	1.146E+01	3.042E+00	2.234E+01	1.701E+01	1.279E+00
1.220E+04	3.661E-01	9.326E+02	7.795E+01	1.159E+01	3.059E+00	2.214E+01	1.683E+01	1.280E+00
1.240E+04	3.583E-01	9.488E+02	7.831E+01	1.172E+01	3.075E+00	2.216E+01	1.684E+01	1.281E+00
1.260E+04	3.507E-01	9.651E+02	7.866E+01	1.184E+01	3.092E+00	2.236E+01	1.701E+01	1.280E+00
1.280E+04	3.434E-01	9.816E+02	7.902E+01	1.196E+01	3.108E+00	2.274E+01	1.731E+01	1.278E+00
1.300E+04	3.363E-01	9.985E+02	7.938E+01	1.207E+01	3.125E+00	2.324E+01	1.771E+01	1.276E+00
1.320E+04	3.295E-01	1.016E+03	7.974E+01	1.219E+01	3.142E+00	2.387E+01	1.821E+01	1.273E+00
1.340E+04	3.227E-01	1.033E+03	8.010E+01	1.230E+01	3.159E+00	2.460E+01	1.879E+01	1.270E+00
1.360E+04	3.162E-01	1.052E+03	8.047E+01	1.241E+01	3.177E+00	2.541E+01	1.943E+01	1.266E+00
1.380E+04	3.098E-01	1.071E+03	8.085E+01	1.252E+01	3.196E+00	2.631E+01	2.013E+01	1.263E+00
1.400E+04	3.035E-01	1.090E+03	8.123E+01	1.263E+01	3.216E+00	2.727E+01	2.088E+01	1.260E+00
1.420E+04	2.973E-01	1.111E+03	8.163E+01	1.275E+01	3.236E+00	2.829E+01	2.167E+01	1.257E+00
1.440E+04	2.913E-01	1.132E+03	8.203E+01	1.286E+01	3.258E+00	2.936E+01	2.250E+01	1.254E+00
1.460E+04	2.853E-01	1.154E+03	8.244E+01	1.298E+01	3.280E+00	3.049E+01	2.336E+01	1.251E+00
1.480E+04	2.795E-01	1.176E+03	8.287E+01	1.310E+01	3.303E+00	3.166E+01	2.425E+01	1.248E+00
1.500E+04	2.738E-01	1.200E+03	8.330E+01	1.323E+01	3.327E+00	3.287E+01	2.516E+01	1.246E+00
1.520E+04	2.681E-01	1.225E+03	8.374E+01	1.335E+01	3.353E+00	3.412E+01	2.610E+01	1.244E+00
1.540E+04	2.626E-01	1.250E+03	8.420E+01	1.348E+01	3.379E+00	3.540E+01	2.705E+01	1.241E+00
1.560E+04	2.571E-01	1.276E+03	8.466E+01	1.361E+01	3.407E+00	3.672E+01	2.803E+01	1.239E+00
1.580E+04	2.517E-01	1.304E+03	8.514E+01	1.375E+01	3.435E+00	3.806E+01	2.901E+01	1.238E+00
1.600E+04	2.465E-01	1.332E+03	8.563E+01	1.388E+01	3.465E+00	3.942E+01	3.001E+01	1.236E+00
1.620E+04	2.413E-01	1.361E+03	8.612E+01	1.402E+01	3.496E+00	4.080E+01	3.101E+01	1.234E+00
1.640E+04	2.362E-01	1.392E+03	8.663E+01	1.417E+01	3.528E+00	4.220E+01	3.201E+01	1.233E+00
1.660E+04	2.312E-01	1.423E+03	8.715E+01	1.431E+01	3.561E+00	4.361E+01	3.302E+01	1.232E+00
1.680E+04	2.262E-01	1.456E+03	8.768E+01	1.446E+01	3.595E+00	4.503E+01	3.403E+01	1.231E+00
1.700E+04	2.214E-01	1.489E+03	8.822E+01	1.461E+01	3.631E+00	4.646E+01	3.503E+01	1.230E+00
1.720E+04	2.166E-01	1.524E+03	8.878E+01	1.477E+01	3.667E+00	4.788E+01	3.602E+01	1.229E+00
1.740E+04	2.120E-01	1.559E+03	8.934E+01	1.492E+01	3.705E+00	4.929E+01	3.700E+01	1.228E+00
1.760E+04	2.074E-01	1.596E+03	8.991E+01	1.509E+01	3.743E+00	5.070E+01	3.797E+01	1.228E+00
1.780E+04	2.029E-01	1.634E+03	9.049E+01	1.525E+01	3.783E+00	5.208E+01	3.891E+01	1.228E+00
1.800E+04	1.985E-01	1.672E+03	9.108E+01	1.542E+01	3.824E+00	5.344E+01	3.983E+01	1.227E+00
1.820E+04	1.942E-01	1.712E+03	9.168E+01	1.558E+01	3.866E+00	5.477E+01	4.072E+01	1.227E+00
1.840E+04	1.900E-01	1.752E+03	9.228E+01	1.576E+01	3.909E+00	5.606E+01	4.157E+01	1.227E+00
1.860E+04	1.859E-01	1.794E+03	9.290E+01	1.593E+01	3.952E+00	5.730E+01	4.239E+01	1.227E+00
1.880E+04	1.818E-01	1.836E+03	9.352E+01	1.611E+01	3.997E+00	5.848E+01	4.316E+01	1.227E+00
1.900E+04	1.779E-01	1.880E+03	9.414E+01	1.629E+01	4.042E+00	5.961E+01	4.388E+01	1.228E+00
1.920E+04	1.741E-01	1.924E+03	9.477E+01	1.647E+01	4.088E+00	6.066E+01	4.455E+01	1.228E+00
1.940E+04	1.703E-01	1.968E+03	9.540E+01	1.665E+01	4.135E+00	6.164E+01	4.516E+01	1.229E+00
1.960E+04	1.667E-01	2.014E+03	9.604E+01	1.684E+01	4.183E+00	6.253E+01	4.570E+01	1.230E+00
1.980E+04	1.631E-01	2.060E+03	9.668E+01	1.703E+01	4.230E+00	6.332E+01	4.618E+01	1.231E+00
2.000E+04	1.597E-01	2.107E+03	9.732E+01	1.722E+01	4.279E+00	6.402E+01	4.659E+01	1.232E+00
2.020E+04	1.563E-01	2.154E+03	9.796E+01	1.741E+01	4.327E+00	6.461E+01	4.693E+01	1.233E+00
2.040E+04	1.531E-01	2.201E+03	9.860E+01	1.760E+01	4.376E+00	6.509E+01	4.719E+01	1.234E+00
2.060E+04	1.499E-01	2.249E+03	9.924E+01	1.780E+01	4.425E+00	6.546E+01	4.737E+01	1.235E+00
2.080E+04	1.468E-01	2.297E+03	9.987E+01	1.799E+01	4.474E+00	6.571E+01	4.747E+01	1.237E+00
2.100E+04	1.439E-01	2.345E+03	1.005E+02	1.819E+01	4.523E+00	6.584E+01	4.749E+01	1.239E+00
2.120E+04	1.410E-01	2.393E+03	1.011E+02	1.839E+01	4.571E+00	6.585E+01	4.743E+01	1.240E+00
2.140E+04	1.382E-01	2.442E+03	1.017E+02	1.858E+01	4.619E+00	6.574E+01	4.729E+01	1.242E+00
2.160E+04	1.355E-01	2.490E+03	1.024E+02	1.878E+01	4.667E+00	6.552E+01	4.708E+01	1.244E+00
2.180E+04	1.329E-01	2.537E+03	1.030E+02	1.898E+01	4.715E+00	6.518E+01	4.679E+01	1.246E+00
2.200E+04	1.304E-01	2.585E+03	1.035E+02	1.918E+01	4.761E+00	6.474E+01	4.642E+01	1.248E+00
2.220E+04	1.280E-01	2.632E+03	1.041E+02	1.938E+01	4.808E+00	6.419E+01	4.599E+01	1.251E+00
2.240E+04	1.257E-01	2.679E+03	1.047E+02	1.957E+01	4.853E+00	6.354E+01	4.550E+01	1.253E+00
2.260E+04	1.235E-01	2.725E+03	1.053E+02	1.977E+01	4.897E+00	6.281E+01	4.494E+01	1.255E+00
2.280E+04	1.213E-01	2.771E+03	1.058E+02	1.997E+01	4.941E+00	6.199E+01	4.434E+01	1.258E+00
2.300E+04	1.192E-01	2.816E+03	1.064E+02	2.016E+01	4.983E+00	6.111E+01	4.368E+01	1.261E+00
2.320E+04	1.172E-01	2.860E+03	1.069E+02	2.035E+01	5.025E+00	6.016E+01	4.299E+01	1.263E+00
2.340E+04	1.153E-01	2.904E+03	1.074E+02	2.055E+01	5.065E+00	5.916E+01	4.226E+01	1.266E+00
2.360E+04	1.134E-01	2.947E+03	1.079E+02	2.074E+01	5.104E+00	5.811E+01	4.151E+01	1.269E+00
2.380E+04	1.116E-01	2.989E+03	1.084E+02	2.093E+01	5.143E+00	5.704E+01	4.073E+01	1.272E+00
2.400E+04	1.099E-01	3.031E+03	1.088E+02	2.111E+01	5.179E+00	5.594E+01	3.994E+01	1.275E+00
2.420E+04	1.083E-01	3.071E+03	1.093E+02	2.130E+01	5.215E+00	5.483E+01	3.914E+01	1.278E+00
2.440E+04	1.067E-01	3.111E+03	1.098E+02	2.148E+01	5.250E+00	5.371E+01	3.834E+01	1.281E+00
2.460E+04	1.051E-01	3.150E+03	1.102E+02	2.167E+01	5.283E+00	5.259E+01	3.754E+01	1.284E+00
2.480E+04	1.037E-01	3.188E+03	1.106E+02	2.185E+01	5.315E+00	5.149E+01	3.676E+01	1.287E+00
2.500E+04	1.022E-01	3.225E+03	1.110E+02	2.202E+01	5.346E+00	5.041E+01	3.598E+01	1.290E+00

Table I. - Continued.

P/P0 = 6.00E+01

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E+02	-1.718E+02	1.742E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	8.198E+01	-1.705E+02	1.994E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E+01	-1.690E+02	2.163E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E+01	-1.672E+02	2.299E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E+01	-1.653E+02	2.414E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E+01	-1.633E+02	2.515E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E+01	-1.612E+02	2.605E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E+01	-1.590E+02	2.686E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E+01	-1.567E+02	2.760E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E+01	-1.543E+02	2.827E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.491E+01	-1.519E+02	2.890E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.366E+01	-1.494E+02	2.948E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	1.261E+01	-1.470E+02	3.003E+01	2.070E+00	1.000E+00	6.836E+00	5.836E+00	1.171E+00
1.400E+03	1.171E+01	-1.444E+02	3.054E+01	2.146E+00	1.000E+00	6.920E+00	5.919E+00	1.169E+00
1.500E+03	1.093E+01	-1.419E+02	3.102E+01	2.219E+00	1.000E+00	7.003E+00	6.001E+00	1.167E+00
1.600E+03	1.025E+01	-1.393E+02	3.147E+01	2.290E+00	1.000E+00	7.096E+00	6.093E+00	1.165E+00
1.700E+03	9.642E+00	-1.367E+02	3.190E+01	2.358E+00	1.000E+00	7.214E+00	6.207E+00	1.162E+00
1.800E+03	9.104E+00	-1.340E+02	3.232E+01	2.423E+00	1.001E+00	7.374E+00	6.359E+00	1.159E+00
1.900E+03	8.620E+00	-1.313E+02	3.273E+01	2.487E+00	1.001E+00	7.596E+00	6.570E+00	1.156E+00
2.000E+03	8.182E+00	-1.285E+02	3.312E+01	2.548E+00	1.002E+00	7.902E+00	6.857E+00	1.152E+00
2.100E+03	7.782E+00	-1.255E+02	3.352E+01	2.607E+00	1.003E+00	8.316E+00	7.243E+00	1.147E+00
2.200E+03	7.413E+00	-1.223E+02	3.392E+01	2.665E+00	1.005E+00	8.857E+00	7.743E+00	1.142E+00
2.300E+03	7.070E+00	-1.190E+02	3.432E+01	2.723E+00	1.008E+00	9.545E+00	8.375E+00	1.137E+00
2.400E+03	6.749E+00	-1.153E+02	3.475E+01	2.781E+00	1.012E+00	1.039E+01	9.147E+00	1.132E+00
2.500E+03	6.444E+00	-1.114E+02	3.519E+01	2.840E+00	1.018E+00	1.141E+01	1.006E+01	1.127E+00
2.600E+03	6.153E+00	-1.070E+02	3.566E+01	2.902E+00	1.025E+00	1.259E+01	1.112E+01	1.123E+00
2.700E+03	5.873E+00	-1.021E+02	3.616E+01	2.966E+00	1.034E+00	1.394E+01	1.230E+01	1.121E+00
2.800E+03	5.603E+00	-9.674E+01	3.670E+01	3.034E+00	1.045E+00	1.542E+01	1.360E+01	1.118E+00
2.900E+03	5.341E+00	-9.081E+01	3.726E+01	3.106E+00	1.059E+00	1.702E+01	1.496E+01	1.117E+00
3.000E+03	5.085E+00	-8.427E+01	3.787E+01	3.183E+00	1.075E+00	1.869E+01	1.637E+01	1.117E+00
3.100E+03	4.837E+00	-7.712E+01	3.851E+01	3.264E+00	1.093E+00	2.039E+01	1.777E+01	1.117E+00
3.200E+03	4.596E+00	-6.934E+01	3.918E+01	3.350E+00	1.115E+00	2.207E+01	1.913E+01	1.118E+00
3.300E+03	4.364E+00	-6.096E+01	3.989E+01	3.440E+00	1.139E+00	2.368E+01	2.040E+01	1.120E+00
3.400E+03	4.139E+00	-5.202E+01	4.062E+01	3.535E+00	1.165E+00	2.517E+01	2.153E+01	1.122E+00
3.500E+03	3.925E+00	-4.256E+01	4.137E+01	3.635E+00	1.194E+00	2.649E+01	2.250E+01	1.124E+00
3.600E+03	3.720E+00	-3.264E+01	4.213E+01	3.739E+00	1.224E+00	2.762E+01	2.330E+01	1.127E+00
3.700E+03	3.527E+00	-2.235E+01	4.290E+01	3.845E+00	1.257E+00	2.855E+01	2.391E+01	1.131E+00
3.800E+03	3.344E+00	-1.176E+01	4.367E+01	3.955E+00	1.290E+00	2.927E+01	2.435E+01	1.134E+00
3.900E+03	3.173E+00	-9.447E-01	4.444E+01	4.068E+00	1.325E+00	2.980E+01	2.462E+01	1.138E+00
4.000E+03	3.013E+00	1.004E+01	4.520E+01	4.182E+00	1.361E+00	3.016E+01	2.476E+01	1.142E+00
4.100E+03	2.863E+00	2.112E+01	4.595E+01	4.298E+00	1.397E+00	3.037E+01	2.478E+01	1.147E+00
4.200E+03	2.724E+00	3.226E+01	4.668E+01	4.415E+00	1.433E+00	3.046E+01	2.471E+01	1.151E+00
4.300E+03	2.594E+00	4.342E+01	4.740E+01	4.533E+00	1.470E+00	3.044E+01	2.455E+01	1.156E+00
4.400E+03	2.473E+00	5.454E+01	4.809E+01	4.652E+00	1.507E+00	3.031E+01	2.431E+01	1.161E+00
4.500E+03	2.361E+00	6.560E+01	4.877E+01	4.771E+00	1.543E+00	3.007E+01	2.399E+01	1.165E+00
4.600E+03	2.257E+00	7.654E+01	4.943E+01	4.891E+00	1.579E+00	2.969E+01	2.357E+01	1.170E+00
4.700E+03	2.161E+00	8.733E+01	5.006E+01	5.010E+00	1.615E+00	2.918E+01	2.306E+01	1.176E+00
4.800E+03	2.071E+00	9.789E+01	5.067E+01	5.128E+00	1.649E+00	2.851E+01	2.244E+01	1.181E+00
4.900E+03	1.989E+00	1.082E+02	5.125E+01	5.246E+00	1.683E+00	2.767E+01	2.170E+01	1.187E+00
5.000E+03	1.913E+00	1.181E+02	5.180E+01	5.362E+00	1.714E+00	2.667E+01	2.085E+01	1.192E+00
5.100E+03	1.843E+00	1.277E+02	5.232E+01	5.477E+00	1.745E+00	2.552E+01	1.990E+01	1.199E+00
5.200E+03	1.778E+00	1.368E+02	5.280E+01	5.591E+00	1.773E+00	2.426E+01	1.887E+01	1.205E+00
5.300E+03	1.719E+00	1.454E+02	5.325E+01	5.702E+00	1.799E+00	2.290E+01	1.778E+01	1.212E+00
5.400E+03	1.665E+00	1.536E+02	5.367E+01	5.811E+00	1.823E+00	2.151E+01	1.666E+01	1.219E+00
5.500E+03	1.616E+00	1.612E+02	5.405E+01	5.918E+00	1.845E+00	2.011E+01	1.555E+01	1.227E+00
5.600E+03	1.570E+00	1.683E+02	5.440E+01	6.022E+00	1.864E+00	1.875E+01	1.447E+01	1.235E+00
5.700E+03	1.529E+00	1.749E+02	5.472E+01	6.124E+00	1.882E+00	1.746E+01	1.344E+01	1.243E+00
5.800E+03	1.490E+00	1.811E+02	5.501E+01	6.223E+00	1.897E+00	1.626E+01	1.249E+01	1.251E+00
5.900E+03	1.455E+00	1.869E+02	5.528E+01	6.319E+00	1.910E+00	1.518E+01	1.163E+01	1.259E+00
6.000E+03	1.422E+00	1.922E+02	5.553E+01	6.412E+00	1.922E+00	1.423E+01	1.087E+01	1.267E+00
6.100E+03	1.391E+00	1.973E+02	5.576E+01	6.501E+00	1.933E+00	1.34CE+01	1.021E+01	1.274E+00
6.200E+03	1.362E+00	2.021E+02	5.597E+01	6.586E+00	1.941E+00	1.270E+01	9.659E+00	1.281E+00
6.300E+03	1.335E+00	2.066E+02	5.617E+01	6.666E+00	1.949E+00	1.212E+01	9.210E+00	1.286E+00
6.400E+03	1.310E+00	2.110E+02	5.635E+01	6.741E+00	1.956E+00	1.16CE+01	8.865E+00	1.290E+00
6.500E+03	1.286E+00	2.152E+02	5.653E+01	6.809E+00	1.962E+00	1.136E+01	8.624E+00	1.292E+00
6.600E+03	1.263E+00	2.193E+02	5.670E+01	6.871E+00	1.968E+00	1.116E+01	8.490E+00	1.292E+00
6.700E+03	1.241E+00	2.234E+02	5.687E+01	6.927E+00	1.973E+00	1.110E+01	8.466E+00	1.290E+00
6.800E+03	1.219E+00	2.275E+02	5.704E+01	6.975E+00	1.977E+00	1.117E+01	8.558E+00	1.286E+00
6.900E+03	1.199E+00	2.316E+02	5.720E+01	7.017E+00	1.982E+00	1.139E+01	8.774E+00	1.280E+00
7.000E+03	1.179E+00	2.358E+02	5.737E+01	7.053E+00	1.986E+00	1.174E+01	9.125E+00	1.272E+00
7.100E+03	1.160E+00	2.402E+02	5.754E+01	7.084E+00	1.991E+00	1.231E+01	9.624E+00	1.262E+00
7.200E+03	1.141E+00	2.449E+02	5.771E+01	7.112E+00	1.996E+00	1.305E+01	1.028E+01	1.251E+00
7.300E+03	1.122E+00	2.498E+02	5.790E+01	7.138E+00	2.001E+00	1.399E+01	1.112E+01	1.240E+00
7.400E+03	1.104E+00	2.551E+02	5.810E+01	7.165E+00	2.007E+00	1.517E+01	1.215E+01	1.228E+00
7.500E+03	1.085E+00	2.609E+02	5.831E+01	7.193E+00	2.014E+00	1.659E+01	1.338E+01	1.217E+00
7.600E+03	1.067E+00	2.673E+02	5.854E+01	7.224E+00	2.022E+00	1.827E+01	1.483E+01	1.207E+00
7.700E+03	1.048E+00	2.744E+02	5.879E+01	7.260E+00	2.031E+00	2.022E+01	1.649E+01	1.198E+00
7.800E+03	1.030E+00	2.822E+02	5.907E+01	7.302E+00	2.042E+00	2.245E+01	1.836E+01	1.190E+00
7.900E+03	1.010E+00	2.908E+02	5.937E+01	7.349E+00	2.054E+00	2.494E+01	2.044E+01	1.183E+00
8.000E+03	9.911E-01	3.005E+02	5.970E+01	7.403E+00	2.068E+00	2.769E+01	2.270E+01	1.177E+00
8.200E+03	9.511E-01	3.229E+02	6.046E+01	7.529E+00	2.102E+00	3.378E+01	2.761E+01	1.169E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	9.097E-01	3.501E+02	6.135E+01	7.682E+00	2.146E+00	4.033E+01	3.271E+01	1.164E+00
8.600E+03	8.673E-01	3.820E+02	6.238E+01	7.860E+00	2.198E+00	4.674E+01	3.755E+01	1.162E+00
8.800E+03	8.247E-01	4.183E+02	6.352E+01	8.061E+00	2.259E+00	5.236E+01	4.164E+01	1.162E+00
9.000E+03	7.827E-01	4.583E+02	6.474E+01	8.279E+00	2.328E+00	5.658E+01	4.458E+01	1.163E+00
9.200E+03	7.425E-01	5.007E+02	6.602E+01	8.511E+00	2.400E+00	5.896E+01	4.612E+01	1.166E+00
9.400E+03	7.048E-01	5.442E+02	6.729E+01	8.751E+00	2.475E+00	5.935E+01	4.619E+01	1.170E+00
9.600E+03	6.702E-01	5.872E+02	6.853E+01	8.995E+00	2.549E+00	5.786E+01	4.492E+01	1.176E+00
9.800E+03	6.389E-01	6.285E+02	6.969E+01	9.237E+00	2.619E+00	5.486E+01	4.255E+01	1.182E+00
1.000E+04	6.111E-01	6.673E+02	7.076E+01	9.475E+00	2.683E+00	5.085E+01	3.944E+01	1.189E+00
1.020E+04	5.864E-01	7.028E+02	7.173E+01	9.706E+00	2.741E+00	4.635E+01	3.596E+01	1.198E+00
1.040E+04	5.645E-01	7.351E+02	7.258E+01	9.931E+00	2.793E+00	4.182E+01	3.244E+01	1.207E+00
1.060E+04	5.451E-01	7.642E+02	7.334E+01	1.015E+01	2.838E+00	3.758E+01	2.912E+01	1.217E+00
1.080E+04	5.278E-01	7.903E+02	7.400E+01	1.036E+01	2.876E+00	3.382E+01	2.616E+01	1.228E+00
1.100E+04	5.123E-01	8.138E+02	7.460E+01	1.056E+01	2.910E+00	3.065E+01	2.364E+01	1.239E+00
1.120E+04	4.982E-01	8.353E+02	7.512E+01	1.075E+01	2.939E+00	2.806E+01	2.157E+01	1.249E+00
1.140E+04	4.852E-01	8.550E+02	7.560E+01	1.094E+01	2.964E+00	2.602E+01	1.994E+01	1.258E+00
1.160E+04	4.735E-01	8.735E+02	7.604E+01	1.111E+01	2.987E+00	2.448E+01	1.870E+01	1.266E+00
1.180E+04	4.621E-01	8.910E+02	7.645E+01	1.127E+01	3.007E+00	2.337E+01	1.781E+01	1.273E+00
1.200E+04	4.516E-01	9.078E+02	7.683E+01	1.147E+01	3.026E+00	2.263E+01	1.721E+01	1.278E+00
1.220E+04	4.416E-01	9.242E+02	7.720E+01	1.156E+01	3.043E+00	2.220E+01	1.686E+01	1.280E+00
1.240E+04	4.321E-01	9.404E+02	7.756E+01	1.170E+01	3.060E+00	2.202E+01	1.671E+01	1.282E+00
1.260E+04	4.230E-01	9.565E+02	7.792E+01	1.182E+01	3.077E+00	2.205E+01	1.674E+01	1.282E+00
1.280E+04	4.142E-01	9.727E+02	7.826E+01	1.194E+01	3.093E+00	2.227E+01	1.692E+01	1.281E+00
1.300E+04	4.057E-01	9.892E+02	7.861E+01	1.206E+01	3.109E+00	2.263E+01	1.721E+01	1.279E+00
1.320E+04	3.975E-01	1.006E+03	7.896E+01	1.217E+01	3.125E+00	2.313E+01	1.761E+01	1.277E+00
1.340E+04	3.895E-01	1.023E+03	7.931E+01	1.228E+01	3.142E+00	2.373E+01	1.809E+01	1.274E+00
1.360E+04	3.816E-01	1.041E+03	7.967E+01	1.239E+01	3.159E+00	2.443E+01	1.864E+01	1.271E+00
1.380E+04	3.740E-01	1.059E+03	8.003E+01	1.250E+01	3.177E+00	2.522E+01	1.926E+01	1.267E+00
1.400E+04	3.666E-01	1.078E+03	8.040E+01	1.261E+01	3.195E+00	2.607E+01	1.993E+01	1.264E+00
1.420E+04	3.592E-01	1.097E+03	8.078E+01	1.272E+01	3.214E+00	2.699E+01	2.065E+01	1.261E+00
1.440E+04	3.521E-01	1.117E+03	8.116E+01	1.284E+01	3.234E+00	2.797E+01	2.140E+01	1.258E+00
1.460E+04	3.450E-01	1.138E+03	8.155E+01	1.295E+01	3.255E+00	2.900E+01	2.220E+01	1.255E+00
1.480E+04	3.381E-01	1.160E+03	8.196E+01	1.307E+01	3.276E+00	3.007E+01	2.302E+01	1.252E+00
1.500E+04	3.313E-01	1.182E+03	8.237E+01	1.319E+01	3.296E+00	3.119E+01	2.387E+01	1.250E+00
1.520E+04	3.247E-01	1.205E+03	8.279E+01	1.331E+01	3.322E+00	3.235E+01	2.474E+01	1.247E+00
1.540E+04	3.181E-01	1.229E+03	8.322E+01	1.343E+01	3.347E+00	3.354E+01	2.564E+01	1.245E+00
1.560E+04	3.117E-01	1.254E+03	8.366E+01	1.356E+01	3.372E+00	3.476E+01	2.655E+01	1.243E+00
1.580E+04	3.053E-01	1.280E+03	8.411E+01	1.369E+01	3.399E+00	3.601E+01	2.748E+01	1.241E+00
1.600E+04	2.991E-01	1.307E+03	8.457E+01	1.382E+01	3.427E+00	3.729E+01	2.841E+01	1.239E+00
1.620E+04	2.929E-01	1.335E+03	8.504E+01	1.396E+01	3.455E+00	3.859E+01	2.936E+01	1.237E+00
1.640E+04	2.869E-01	1.364E+03	8.552E+01	1.409E+01	3.485E+00	3.990E+01	3.052E+01	1.236E+00
1.660E+04	2.800E-01	1.393E+03	8.602E+01	1.423E+01	3.516E+00	4.124E+01	3.188E+01	1.234E+00
1.680E+04	2.731E-01	1.424E+03	8.652E+01	1.438E+01	3.548E+00	4.258E+01	3.224E+01	1.233E+00
1.700E+04	2.664E-01	1.456E+03	8.703E+01	1.452E+01	3.580E+00	4.393E+01	3.320E+01	1.232E+00
1.720E+04	2.600E-01	1.488E+03	8.755E+01	1.467E+01	3.614E+00	4.528E+01	3.415E+01	1.231E+00
1.740E+04	2.537E-01	1.522E+03	8.808E+01	1.482E+01	3.650E+00	4.664E+01	3.510E+01	1.230E+00
1.760E+04	2.528E-01	1.557E+03	8.862E+01	1.498E+01	3.686E+00	4.799E+01	3.603E+01	1.229E+00
1.780E+04	2.474E-01	1.592E+03	8.917E+01	1.514E+01	3.723E+00	4.933E+01	3.695E+01	1.229E+00
1.800E+04	2.422E-01	1.629E+03	8.973E+01	1.530E+01	3.761E+00	5.066E+01	3.786E+01	1.228E+00
1.820E+04	2.371E-01	1.667E+03	9.030E+01	1.546E+01	3.800E+00	5.196E+01	3.874E+01	1.228E+00
1.840E+04	2.320E-01	1.705E+03	9.087E+01	1.562E+01	3.840E+00	5.323E+01	3.959E+01	1.228E+00
1.860E+04	2.271E-01	1.744E+03	9.146E+01	1.579E+01	3.881E+00	5.447E+01	4.041E+01	1.228E+00
1.880E+04	2.223E-01	1.785E+03	9.204E+01	1.596E+01	3.923E+00	5.567E+01	4.120E+01	1.228E+00
1.900E+04	2.176E-01	1.826E+03	9.264E+01	1.614E+01	3.966E+00	5.682E+01	4.194E+01	1.228E+00
1.920E+04	2.130E-01	1.868E+03	9.324E+01	1.631E+01	4.009E+00	5.791E+01	4.265E+01	1.229E+00
1.940E+04	2.085E-01	1.911E+03	9.385E+01	1.647E+01	4.054E+00	5.895E+01	4.338E+01	1.229E+00
1.960E+04	2.041E-01	1.954E+03	9.446E+01	1.667E+01	4.099E+00	5.991E+01	4.391E+01	1.230E+00
1.980E+04	1.998E-01	1.999E+03	9.507E+01	1.685E+01	4.144E+00	6.080E+01	4.445E+01	1.230E+00
2.000E+04	1.957E-01	2.043E+03	9.568E+01	1.704E+01	4.190E+00	6.160E+01	4.494E+01	1.231E+00
2.020E+04	1.916E-01	2.089E+03	9.630E+01	1.722E+01	4.237E+00	6.232E+01	4.537E+01	1.232E+00
2.040E+04	1.876E-01	2.135E+03	9.692E+01	1.741E+01	4.283E+00	6.294E+01	4.572E+01	1.233E+00
2.060E+04	1.838E-01	2.181E+03	9.753E+01	1.760E+01	4.331E+00	6.347E+01	4.601E+01	1.234E+00
2.080E+04	1.801E-01	2.228E+03	9.815E+01	1.779E+01	4.378E+00	6.389E+01	4.623E+01	1.234E+00
2.100E+04	1.765E-01	2.274E+03	9.876E+01	1.798E+01	4.425E+00	6.421E+01	4.638E+01	1.237E+00
2.120E+04	1.729E-01	2.322E+03	9.937E+01	1.818E+01	4.473E+00	6.442E+01	4.645E+01	1.239E+00
2.140E+04	1.695E-01	2.369E+03	9.998E+01	1.837E+01	4.520E+00	6.452E+01	4.645E+01	1.240E+00
2.160E+04	1.662E-01	2.416E+03	1.006E+02	1.856E+01	4.567E+00	6.451E+01	4.638E+01	1.242E+00
2.180E+04	1.630E-01	2.463E+03	1.012E+02	1.876E+01	4.613E+00	6.440E+01	4.623E+01	1.244E+00
2.200E+04	1.599E-01	2.510E+03	1.018E+02	1.895E+01	4.660E+00	6.417E+01	4.602E+01	1.246E+00
2.220E+04	1.570E-01	2.557E+03	1.023E+02	1.915E+01	4.706E+00	6.385E+01	4.573E+01	1.248E+00
2.240E+04	1.541E-01	2.604E+03	1.029E+02	1.935E+01	4.751E+00	6.343E+01	4.539E+01	1.250E+00
2.260E+04	1.513E-01	2.650E+03	1.035E+02	1.954E+01	4.796E+00	6.291E+01	4.498E+01	1.252E+00
2.280E+04	1.486E-01	2.696E+03	1.040E+02	1.974E+01	4.840E+00	6.231E+01	4.451E+01	1.255E+00
2.300E+04	1.460E-01	2.741E+03	1.046E+02	1.993E+01	4.883E+00	6.163E+01	4.400E+01	1.257E+00
2.320E+04	1.435E-01	2.786E+03	1.051E+02	2.012E+01	4.925E+00	6.087E+01	4.343E+01	1.260E+00
2.340E+04	1.411E-01	2.830E+03	1.056E+02	2.031E+01	4.966E+00	6.005E+01	4.282E+01	1.262E+00
2.360E+04	1.388E-01	2.874E+03	1.061E+02	2.051E+01	5.007E+00	5.917E+01	4.218E+01	1.265E+00
2.380E+04	1.365E-01	2.917E+03	1.066E+02	2.070E+01	5.046E+00	5.825E+01	4.151E+01	1.268E+00
2.400E+04	1.344E-01	2.959E+03	1.071E+02	2.088E+01	5.084E+00	5.728E+01	4.081E+01	1.271E+00
2.420E+04	1.323E-01	3.001E+03	1.076E+02	2.107E+01	5.122E+00	5.629E+01	4.009E+01	1.273E+00
2.440E+04	1.303E-01	3.042E+03	1.080E+02	2.126E+01	5.158E+00	5.527E+01	3.936E+01	1.276E+00
2.460E+04	1.284E-01	3.082E+03	1.085E+02	2.144E+01	5.193E+00	5.424E+01	3.862E+01	1.279E+00
2.480E+04	1.265E-01	3.121E+03	1.089E+02	2.162E+01	5.227E+00	5.321E+01	3.788E+01	1.282E+00
2.500E+04	1.247E-01	3.160E+03	1.093E+02	2.180E+01	5.260E+00	5.218E+01	3.714E+01	1.285E+00

Table I. - Continued.

P/PO = 7.00E+01

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E+02	-1.718E+02	1.727E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	9.564E+01	-1.705E+02	1.979E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.376E+01	-1.690E+02	2.148E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E+01	-1.672E+02	2.284E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.824E+01	-1.653E+02	2.399E+01	1.315E+00	1.000E+00	5.344E+00	4.344E+00	1.229E+00
6.000E+02	3.189E+01	-1.633E+02	2.500E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E+01	-1.612E+02	2.589E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E+01	-1.590E+02	2.670E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E+01	-1.567E+02	2.744E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E+01	-1.543E+02	2.812E+01	1.823E+00	1.000E+00	6.508E+00	5.509E+00	1.182E+00
1.100E+03	1.739E+01	-1.519E+02	2.875E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.594E+01	-1.494E+02	2.933E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	1.471E+01	-1.470E+02	2.987E+01	2.070E+00	1.000E+00	6.836E+00	5.836E+00	1.171E+00
1.400E+03	1.366E+01	-1.444E+02	3.038E+01	2.146E+00	1.000E+00	6.919E+00	5.919E+00	1.169E+00
1.500E+03	1.275E+01	-1.419E+02	3.087E+01	2.219E+00	1.000E+00	7.001E+00	6.001E+00	1.167E+00
1.600E+03	1.195E+01	-1.393E+02	3.132E+01	2.290E+00	1.000E+00	7.093E+00	6.089E+00	1.165E+00
1.700E+03	1.125E+01	-1.367E+02	3.175E+01	2.358E+00	1.000E+00	7.207E+00	6.200E+00	1.162E+00
1.800E+03	1.062E+01	-1.340E+02	3.217E+01	2.424E+00	1.001E+00	7.361E+00	6.347E+00	1.159E+00
1.900E+03	1.006E+01	-1.313E+02	3.257E+01	2.487E+00	1.001E+00	7.574E+00	6.549E+00	1.156E+00
2.000E+03	9.547E+00	-1.285E+02	3.296E+01	2.548E+00	1.002E+00	7.846E+00	6.827E+00	1.152E+00
2.100E+03	9.081E+00	-1.255E+02	3.336E+01	2.608E+00	1.003E+00	8.260E+00	7.191E+00	1.148E+00
2.200E+03	8.651E+00	-1.224E+02	3.375E+01	2.666E+00	1.005E+00	8.776E+00	7.668E+00	1.143E+00
2.300E+03	8.252E+00	-1.191E+02	3.416E+01	2.724E+00	1.008E+00	9.431E+00	8.270E+00	1.138E+00
2.400E+03	7.878E+00	-1.155E+02	3.458E+01	2.781E+00	1.012E+00	1.024E+01	9.005E+00	1.133E+00
2.500E+03	7.524E+00	-1.116E+02	3.501E+01	2.840E+00	1.017E+00	1.121E+01	9.879E+00	1.128E+00
2.600E+03	7.187E+00	-1.073E+02	3.547E+01	2.901E+00	1.024E+00	1.234E+01	1.089E+01	1.124E+00
2.700E+03	6.863E+00	-1.025E+02	3.596E+01	2.965E+00	1.032E+00	1.362E+01	1.202E+01	1.121E+00
2.800E+03	6.551E+00	-9.727E+01	3.648E+01	3.032E+00	1.043E+00	1.504E+01	1.326E+01	1.119E+00
2.900E+03	6.248E+00	-9.149E+01	3.704E+01	3.103E+00	1.056E+00	1.657E+01	1.457E+01	1.118E+00
3.000E+03	5.953E+00	-8.513E+01	3.763E+01	3.178E+00	1.071E+00	1.817E+01	1.593E+01	1.118E+00
3.100E+03	5.666E+00	-7.818E+01	3.825E+01	3.258E+00	1.089E+00	1.962E+01	1.729E+01	1.118E+00
3.200E+03	5.388E+00	-7.062E+01	3.890E+01	3.342E+00	1.109E+00	2.145E+01	1.861E+01	1.119E+00
3.300E+03	5.119E+00	-6.248E+01	3.959E+01	3.431E+00	1.132E+00	2.302E+01	1.985E+01	1.120E+00
3.400E+03	4.860E+00	-5.378E+01	4.030E+01	3.525E+00	1.158E+00	2.448E+01	2.097E+01	1.122E+00
3.500E+03	4.612E+00	-4.457E+01	4.103E+01	3.622E+00	1.185E+00	2.580E+01	2.195E+01	1.124E+00
3.600E+03	4.374E+00	-3.491E+01	4.177E+01	3.724E+00	1.215E+00	2.694E+01	2.275E+01	1.127E+00
3.700E+03	4.150E+00	-2.487E+01	4.252E+01	3.829E+00	1.246E+00	2.788E+01	2.339E+01	1.131E+00
3.800E+03	3.937E+00	-1.452E+01	4.328E+01	3.937E+00	1.279E+00	2.863E+01	2.385E+01	1.134E+00
3.900E+03	3.738E+00	-3.926E+00	4.403E+01	4.048E+00	1.312E+00	2.918E+01	2.415E+01	1.136E+00
4.000E+03	3.550E+00	6.836E+00	4.477E+01	4.160E+00	1.347E+00	2.957E+01	2.432E+01	1.142E+00
4.100E+03	3.375E+00	1.771E+01	4.550E+01	4.275E+00	1.382E+00	2.982E+01	2.437E+01	1.146E+00
4.200E+03	3.212E+00	2.866E+01	4.622E+01	4.390E+00	1.418E+00	2.994E+01	2.432E+01	1.151E+00
4.300E+03	3.060E+00	3.963E+01	4.693E+01	4.507E+00	1.454E+00	2.995E+01	2.419E+01	1.155E+00
4.400E+03	2.919E+00	5.058E+01	4.762E+01	4.624E+00	1.490E+00	2.987E+01	2.398E+01	1.160E+00
4.500E+03	2.787E+00	6.149E+01	4.829E+01	4.742E+00	1.525E+00	2.968E+01	2.370E+01	1.165E+00
4.600E+03	2.664E+00	7.230E+01	4.894E+01	4.860E+00	1.561E+00	2.938E+01	2.335E+01	1.170E+00
4.700E+03	2.551E+00	8.298E+01	4.956E+01	4.978E+00	1.596E+00	2.895E+01	2.290E+01	1.175E+00
4.800E+03	2.445E+00	9.348E+01	5.017E+01	5.096E+00	1.630E+00	2.838E+01	2.236E+01	1.180E+00
4.900E+03	2.347E+00	1.038E+02	5.075E+01	5.213E+00	1.663E+00	2.767E+01	2.171E+01	1.185E+00
5.000E+03	2.257E+00	1.137E+02	5.130E+01	5.329E+00	1.695E+00	2.680E+01	2.096E+01	1.191E+00
5.100E+03	2.173E+00	1.234E+02	5.182E+01	5.443E+00	1.726E+00	2.579E+01	2.011E+01	1.197E+00
5.200E+03	2.097E+00	1.326E+02	5.231E+01	5.557E+00	1.755E+00	2.465E+01	1.917E+01	1.203E+00
5.300E+03	2.026E+00	1.414E+02	5.277E+01	5.668E+00	1.781E+00	2.341E+01	1.817E+01	1.210E+00
5.400E+03	1.961E+00	1.497E+02	5.319E+01	5.777E+00	1.806E+00	2.211E+01	1.712E+01	1.216E+00
5.500E+03	1.901E+00	1.576E+02	5.358E+01	5.885E+00	1.829E+00	2.077E+01	1.606E+01	1.224E+00
5.600E+03	1.847E+00	1.650E+02	5.395E+01	5.989E+00	1.850E+00	1.945E+01	1.501E+01	1.231E+00
5.700E+03	1.796E+00	1.718E+02	5.428E+01	6.092E+00	1.868E+00	1.818E+01	1.399E+01	1.239E+00
5.800E+03	1.750E+00	1.783E+02	5.459E+01	6.192E+00	1.885E+00	1.698E+01	1.304E+01	1.247E+00
5.900E+03	1.707E+00	1.843E+02	5.487E+01	6.289E+00	1.899E+00	1.587E+01	1.216E+01	1.255E+00
6.000E+03	1.667E+00	1.899E+02	5.513E+01	6.383E+00	1.912E+00	1.487E+01	1.137E+01	1.262E+00
6.100E+03	1.630E+00	1.952E+02	5.536E+01	6.473E+00	1.923E+00	1.398E+01	1.067E+01	1.270E+00
6.200E+03	1.594E+00	2.002E+02	5.558E+01	6.560E+00	1.933E+00	1.322E+01	1.006E+01	1.276E+00
6.300E+03	1.564E+00	2.049E+02	5.579E+01	6.643E+00	1.942E+00	1.258E+01	9.53E+00	1.282E+00
6.400E+03	1.533E+00	2.094E+02	5.598E+01	6.720E+00	1.949E+00	1.206E+01	9.161E+00	1.287E+00
6.500E+03	1.504E+00	2.137E+02	5.617E+01	6.793E+00	1.956E+00	1.167E+01	8.859E+00	1.290E+00
6.600E+03	1.477E+00	2.180E+02	5.634E+01	6.859E+00	1.962E+00	1.140E+01	8.660E+00	1.291E+00
6.700E+03	1.451E+00	2.221E+02	5.652E+01	6.919E+00	1.968E+00	1.125E+01	8.565E+00	1.291E+00
6.800E+03	1.426E+00	2.262E+02	5.668E+01	6.972E+00	1.973E+00	1.123E+01	8.579E+00	1.288E+00
6.900E+03	1.402E+00	2.303E+02	5.685E+01	7.018E+00	1.978E+00	1.135E+01	8.710E+00	1.283E+00
7.000E+03	1.379E+00	2.345E+02	5.701E+01	7.058E+00	1.982E+00	1.161E+01	8.946E+00	1.276E+00
7.100E+03	1.356E+00	2.389E+02	5.718E+01	7.093E+00	1.987E+00	1.203E+01	9.354E+00	1.268E+00
7.200E+03	1.334E+00	2.434E+02	5.735E+01	7.123E+00	1.992E+00	1.262E+01	9.891E+00	1.258E+00
7.300E+03	1.312E+00	2.481E+02	5.753E+01	7.152E+00	1.997E+00	1.340E+01	1.059E+01	1.247E+00
7.400E+03	1.291E+00	2.532E+02	5.772E+01	7.179E+00	2.002E+00	1.439E+01	1.146E+01	1.236E+00
7.500E+03	1.270E+00	2.587E+02	5.792E+01	7.206E+00	2.009E+00	1.541E+01	1.252E+01	1.225E+00
7.600E+03	1.249E+00	2.647E+02	5.814E+01	7.236E+00	2.016E+00	1.706E+01	1.378E+01	1.215E+00
7.700E+03	1.227E+00	2.712E+02	5.837E+01	7.270E+00	2.024E+00	1.877E+01	1.524E+01	1.205E+00
7.800E+03	1.206E+00	2.785E+02	5.863E+01	7.308E+00	2.034E+00	2.074E+01	1.691E+01	1.197E+00
7.900E+03	1.184E+00	2.865E+02	5.890E+01	7.351E+00	2.045E+00	2.297E+01	1.877E+01	1.189E+00
8.000E+03	1.162E+00	2.953E+02	5.921E+01	7.400E+00	2.057E+00	2.544E+01	2.083E+01	1.183E+00
8.200E+03	1.117E+00	3.160E+02	5.997E+01	7.516E+00	2.088E+00	3.105E+01	2.538E+01	1.173E+00



Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.071E+00	3.409E+02	6.073E+01	7.658E+00	2.127E+00	3.724E+01	3.027E+01	1.167E+00
8.400E+03	1.023E+00	3.705E+02	6.168E+01	7.825E+00	2.175E+00	4.353E+01	3.507E+01	1.164E+00
8.800E+03	9.741E-01	4.046E+02	6.275E+01	8.015E+00	2.232E+00	4.932E+01	3.934E+01	1.163E+00
9.000E+03	9.258E-01	4.425E+02	6.391E+01	8.224E+00	2.296E+00	5.402E+01	4.267E+01	1.164E+00
9.200E+03	8.791E-01	4.833E+02	6.513E+01	8.449E+00	2.365E+00	5.714E+01	4.477E+01	1.164E+00
9.400E+03	8.347E-01	5.257E+02	6.638E+01	8.683E+00	2.438E+00	5.841E+01	4.550E+01	1.170E+00
9.600E+03	7.936E-01	5.694E+02	6.761E+01	8.923E+00	2.511E+00	5.784E+01	4.488E+01	1.174E+00
9.800E+03	7.561E-01	6.100E+02	6.878E+01	9.164E+00	2.581E+00	5.565E+01	4.310E+01	1.180E+00
1.000E+04	7.224E-01	6.496E+02	6.987E+01	9.403E+00	2.648E+00	5.226E+01	4.046E+01	1.187E+00
1.020E+04	6.924E-01	6.864E+02	7.086E+01	9.636E+00	2.708E+00	4.815E+01	3.728E+01	1.195E+00
1.040E+04	6.638E-01	7.200E+02	7.176E+01	9.863E+00	2.763E+00	4.378E+01	3.390E+01	1.204E+00
1.060E+04	6.421E-01	7.505E+02	7.255E+01	1.008E+01	2.810E+00	3.953E+01	3.059E+01	1.213E+00
1.080E+04	6.211E-01	7.780E+02	7.325E+01	1.030E+01	2.852E+00	3.564E+01	2.754E+01	1.223E+00
1.100E+04	6.022E-01	8.028E+02	7.387E+01	1.050E+01	2.888E+00	3.224E+01	2.486E+01	1.234E+00
1.120E+04	5.851E-01	8.253E+02	7.443E+01	1.070E+01	2.919E+00	2.940E+01	2.261E+01	1.244E+00
1.140E+04	5.695E-01	8.460E+02	7.493E+01	1.088E+01	2.946E+00	2.711E+01	2.078E+01	1.254E+00
1.160E+04	5.551E-01	8.651E+02	7.538E+01	1.106E+01	2.971E+00	2.531E+01	1.934E+01	1.263E+00
1.180E+04	5.418E-01	8.832E+02	7.580E+01	1.123E+01	2.992E+00	2.397E+01	1.826E+01	1.270E+00
1.200E+04	5.293E-01	9.003E+02	7.620E+01	1.139E+01	3.012E+00	2.301E+01	1.749E+01	1.276E+00
1.220E+04	5.175E-01	9.169E+02	7.657E+01	1.154E+01	3.030E+00	2.239E+01	1.695E+01	1.280E+00
1.240E+04	5.063E-01	9.332E+02	7.693E+01	1.167E+01	3.047E+00	2.203E+01	1.671E+01	+00
1.260E+04	4.956E-01	9.493E+02	7.729E+01	1.180E+01	3.063E+00	2.192E+01	1.662E+01	+00
1.280E+04	4.853E-01	9.653E+02	7.763E+01	1.193E+01	3.079E+00	2.199E+01	1.668E+01	+00
1.300E+04	4.754E-01	9.815E+02	7.797E+01	1.204E+01	3.095E+00	2.223E+01	1.688E+01	+00
1.320E+04	4.658E-01	9.979E+02	7.832E+01	1.216E+01	3.111E+00	2.261E+01	1.718E+01	70
1.340E+04	4.565E-01	1.015E+03	7.866E+01	1.227E+01	3.127E+00	2.311E+01	1.758E+01	70
1.360E+04	4.474E-01	1.032E+03	7.901E+01	1.238E+01	3.144E+00	2.371E+01	1.806E+01	70
1.380E+04	4.385E-01	1.049E+03	7.936E+01	1.249E+01	3.161E+00	2.440E+01	1.861E+01	1.271E+00
1.400E+04	4.299E-01	1.068E+03	7.971E+01	1.260E+01	3.178E+00	2.517E+01	1.921E+01	1.268E+00
1.420E+04	4.214E-01	1.086E+03	8.008E+01	1.271E+01	3.196E+00	2.600E+01	1.986E+01	1.265E+00
1.440E+04	4.132E-01	1.106E+03	8.045E+01	1.282E+01	3.215E+00	2.689E+01	2.056E+01	1.261E+00
1.460E+04	4.050E-01	1.126E+03	8.082E+01	1.293E+01	3.235E+00	2.784E+01	2.129E+01	1.258E+00
1.480E+04	3.971E-01	1.146E+03	8.121E+01	1.304E+01	3.255E+00	2.884E+01	2.206E+01	1.256E+00
1.500E+04	3.892E-01	1.168E+03	8.160E+01	1.316E+01	3.276E+00	2.988E+01	2.285E+01	1.253E+00
1.520E+04	3.815E-01	1.190E+03	8.201E+01	1.328E+01	3.298E+00	3.096E+01	2.368E+01	1.250E+00
1.540E+04	3.740E-01	1.213E+03	8.242E+01	1.340E+01	3.321E+00	3.207E+01	2.452E+01	1.248E+00
1.560E+04	3.665E-01	1.237E+03	8.284E+01	1.352E+01	3.345E+00	3.322E+01	2.538E+01	1.245E+00
1.580E+04	3.592E-01	1.262E+03	8.327E+01	1.365E+01	3.370E+00	3.440E+01	2.626E+01	1.243E+00
1.600E+04	3.520E-01	1.288E+03	8.371E+01	1.377E+01	3.396E+00	3.560E+01	2.715E+01	1.241E+00
1.620E+04	3.450E-01	1.314E+03	8.416E+01	1.390E+01	3.423E+00	3.683E+01	2.806E+01	1.239E+00
1.640E+04	3.380E-01	1.341E+03	8.462E+01	1.404E+01	3.451E+00	3.808E+01	2.897E+01	1.238E+00
1.660E+04	3.312E-01	1.370E+03	8.509E+01	1.417E+01	3.480E+00	3.934E+01	2.988E+01	1.236E+00
1.680E+04	3.244E-01	1.399E+03	8.557E+01	1.431E+01	3.510E+00	4.062E+01	3.081E+01	1.235E+00
1.700E+04	3.178E-01	1.429E+03	8.606E+01	1.445E+01	3.541E+00	4.191E+01	3.173E+01	1.234E+00
1.720E+04	3.113E-01	1.460E+03	8.655E+01	1.460E+01	3.573E+00	4.321E+01	3.265E+01	1.233E+00
1.740E+04	3.049E-01	1.493E+03	8.706E+01	1.474E+01	3.606E+00	4.451E+01	3.356E+01	1.232E+00
1.760E+04	2.986E-01	1.526E+03	8.758E+01	1.489E+01	3.640E+00	4.581E+01	3.447E+01	1.231E+00
1.780E+04	2.925E-01	1.560E+03	8.810E+01	1.504E+01	3.675E+00	4.711E+01	3.537E+01	1.230E+00
1.800E+04	2.864E-01	1.595E+03	8.863E+01	1.520E+01	3.711E+00	4.839E+01	3.625E+01	1.230E+00
1.820E+04	2.805E-01	1.631E+03	8.918E+01	1.536E+01	3.748E+00	4.966E+01	3.711E+01	1.229E+00
1.840E+04	2.746E-01	1.667E+03	8.973E+01	1.552E+01	3.785E+00	5.091E+01	3.796E+01	1.229E+00
1.860E+04	2.689E-01	1.705E+03	9.028E+01	1.568E+01	3.824E+00	5.213E+01	3.873E+01	1.229E+00
1.880E+04	2.633E-01	1.744E+03	9.085E+01	1.585E+01	3.864E+00	5.333E+01	3.957E+01	1.229E+00
1.900E+04	2.579E-01	1.783E+03	9.142E+01	1.601E+01	3.905E+00	5.448E+01	4.032E+01	1.229E+00
1.920E+04	2.525E-01	1.823E+03	9.199E+01	1.618E+01	3.946E+00	5.559E+01	4.104E+01	1.229E+00
1.940E+04	2.472E-01	1.865E+03	9.258E+01	1.636E+01	3.988E+00	5.665E+01	4.172E+01	1.229E+00
1.960E+04	2.421E-01	1.906E+03	9.316E+01	1.653E+01	4.031E+00	5.765E+01	4.236E+01	1.230E+00
1.980E+04	2.371E-01	1.949E+03	9.375E+01	1.671E+01	4.074E+00	5.859E+01	4.295E+01	1.230E+00
2.000E+04	2.322E-01	1.992E+03	9.435E+01	1.689E+01	4.118E+00	5.947E+01	4.348E+01	1.231E+00
2.020E+04	2.275E-01	2.036E+03	9.494E+01	1.707E+01	4.163E+00	6.026E+01	4.397E+01	1.232E+00
2.040E+04	2.228E-01	2.080E+03	9.554E+01	1.725E+01	4.208E+00	6.098E+01	4.439E+01	1.233E+00
2.060E+04	2.183E-01	2.125E+03	9.614E+01	1.744E+01	4.253E+00	6.161E+01	4.475E+01	1.234E+00
2.080E+04	2.139E-01	2.171E+03	9.673E+01	1.762E+01	4.299E+00	6.215E+01	4.505E+01	1.235E+00
2.100E+04	2.096E-01	2.216E+03	9.733E+01	1.781E+01	4.345E+00	6.260E+01	4.529E+01	1.236E+00
2.120E+04	2.055E-01	2.262E+03	9.793E+01	1.800E+01	4.391E+00	6.295E+01	4.546E+01	1.237E+00
2.140E+04	2.015E-01	2.308E+03	9.852E+01	1.819E+01	4.437E+00	6.321E+01	4.556E+01	1.239E+00
2.160E+04	1.975E-01	2.355E+03	9.911E+01	1.838E+01	4.483E+00	6.336E+01	4.559E+01	1.241E+00
2.180E+04	1.938E-01	2.401E+03	9.969E+01	1.857E+01	4.529E+00	6.341E+01	4.556E+01	1.242E+00
2.200E+04	1.901E-01	2.448E+03	1.003E+02	1.877E+01	4.574E+00	6.336E+01	4.546E+01	1.244E+00
2.220E+04	1.865E-01	2.494E+03	1.008E+02	1.896E+01	4.620E+00	6.321E+01	4.529E+01	1.246E+00
2.240E+04	1.831E-01	2.540E+03	1.014E+02	1.915E+01	4.665E+00	6.297E+01	4.506E+01	1.248E+00
2.260E+04	1.797E-01	2.586E+03	1.020E+02	1.935E+01	4.709E+00	6.263E+01	4.477E+01	1.250E+00
2.280E+04	1.765E-01	2.632E+03	1.025E+02	1.954E+01	4.753E+00	6.220E+01	4.442E+01	1.252E+00
2.300E+04	1.734E-01	2.677E+03	1.031E+02	1.973E+01	4.796E+00	6.169E+01	4.432E+01	1.255E+00
2.320E+04	1.704E-01	2.722E+03	1.036E+02	1.992E+01	4.839E+00	6.111E+01	4.356E+01	1.257E+00
2.340E+04	1.675E-01	2.767E+03	1.041E+02	2.011E+01	4.881E+00	6.045E+01	4.306E+01	1.259E+00
2.360E+04	1.647E-01	2.811E+03	1.046E+02	2.031E+01	4.922E+00	5.972E+01	4.292E+01	1.262E+00
2.380E+04	1.620E-01	2.854E+03	1.051E+02	2.050E+01	4.962E+00	5.894E+01	4.194E+01	1.265E+00
2.400E+04	1.594E-01	2.897E+03	1.056E+02	2.068E+01	5.001E+00	5.811E+01	4.133E+01	1.267E+00
2.420E+04	1.569E-01	2.939E+03	1.061E+02	2.087E+01	5.039E+00	5.724E+01	4.065E+01	1.270E+00
2.440E+04	1.544E-01	2.981E+03	1.066E+02	2.106E+01	5.076E+00	5.633E+01	4.003E+01	1.273E+00
2.460E+04	1.521E-01	3.022E+03	1.070E+02	2.124E+01	5.113E+00	5.539E+01	3.936E+01	1.275E+00
2.480E+04	1.498E-01	3.062E+03	1.075E+02	2.143E+01	5.148E+00	5.444E+01	3.867E+01	1.278E+00
2.500E+04	1.477E-01	3.101E+03	1.079E+02	2.161E+01	5.182E+00	5.348E+01	3.798E+01	1.281E+00



Table 1. - Continued.

P/P0 = 8.00E+01

T	RMO/RMO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E+02	-1.718E+02	1.713E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E+02	-1.705E+02	1.964E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E+01	-1.690E+02	2.135E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.465E+01	-1.672E+02	2.270E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E+01	-1.653E+02	2.386E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E+01	-1.633E+02	2.486E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E+01	-1.611E+02	2.576E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E+01	-1.590E+02	2.657E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E+01	-1.567E+02	2.731E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E+01	-1.543E+02	2.799E+01	1.823E+00	1.000E+00	6.508E+00	5.508E+00	1.182E+00
1.100E+03	1.987E+01	-1.519E+02	2.861E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.822E+01	-1.494E+02	2.920E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	1.682E+01	-1.470E+02	2.974E+01	2.070E+00	1.000E+00	6.836E+00	5.836E+00	1.171E+00
1.400E+03	1.562E+01	-1.444E+02	3.025E+01	2.146E+00	1.000E+00	6.919E+00	5.918E+00	1.169E+00
1.500E+03	1.457E+01	-1.419E+02	3.073E+01	2.219E+00	1.000E+00	7.000E+00	5.999E+00	1.167E+00
1.600E+03	1.366E+01	-1.393E+02	3.118E+01	2.290E+00	1.000E+00	7.090E+00	6.087E+00	1.165E+00
1.700E+03	1.286E+01	-1.367E+02	3.162E+01	2.358E+00	1.000E+00	7.201E+00	6.194E+00	1.162E+00
1.800E+03	1.214E+01	-1.340E+02	3.203E+01	2.424E+00	1.001E+00	7.350E+00	6.337E+00	1.160E+00
1.900E+03	1.149E+01	-1.313E+02	3.243E+01	2.487E+00	1.001E+00	7.555E+00	6.531E+00	1.156E+00
2.000E+03	1.091E+01	-1.285E+02	3.283E+01	2.549E+00	1.002E+00	7.836E+00	6.796E+00	1.152E+00
2.100E+03	1.038E+01	-1.256E+02	3.322E+01	2.608E+00	1.003E+00	8.215E+00	7.148E+00	1.148E+00
2.200E+03	9.889E+00	-1.225E+02	3.361E+01	2.666E+00	1.005E+00	8.709E+00	7.606E+00	1.143E+00
2.300E+03	9.434E+00	-1.192E+02	3.401E+01	2.724E+00	1.008E+00	9.337E+00	8.183E+00	1.138E+00
2.400E+03	9.008E+00	-1.156E+02	3.443E+01	2.782E+00	1.011E+00	1.011E+00	8.888E+00	1.133E+00
2.500E+03	8.605E+00	-1.117E+02	3.486E+01	2.841E+00	1.016E+00	1.104E+00	9.726E+00	1.129E+00
2.600E+03	8.222E+00	-1.075E+02	3.531E+01	2.901E+00	1.023E+00	1.212E+00	1.069E+00	1.125E+00
2.700E+03	7.854E+00	-1.028E+02	3.579E+01	2.964E+00	1.031E+00	1.335E+00	1.178E+00	1.122E+00
2.800E+03	7.500E+00	-9.771E+01	3.630E+01	3.031E+00	1.041E+00	1.472E+00	1.297E+00	1.120E+00
2.900E+03	7.156E+00	-9.206E+01	3.684E+01	3.101E+00	1.053E+00	1.619E+00	1.424E+00	1.119E+00
3.000E+03	6.822E+00	-8.585E+01	3.742E+01	3.175E+00	1.068E+00	1.775E+00	1.555E+00	1.118E+00
3.100E+03	6.498E+00	-7.906E+01	3.802E+01	3.253E+00	1.085E+00	1.934E+00	1.688E+00	1.118E+00
3.200E+03	6.183E+00	-7.169E+01	3.866E+01	3.336E+00	1.105E+00	2.093E+00	1.817E+00	1.119E+00
3.300E+03	5.878E+00	-6.374E+01	3.933E+01	3.424E+00	1.127E+00	2.246E+00	1.938E+00	1.120E+00
3.400E+03	5.584E+00	-5.525E+01	4.003E+01	3.515E+00	1.151E+00	2.391E+00	2.050E+00	1.122E+00
3.500E+03	5.302E+00	-4.625E+01	4.074E+01	3.612E+00	1.178E+00	2.521E+00	2.147E+00	1.125E+00
3.600E+03	5.032E+00	-3.681E+01	4.146E+01	3.712E+00	1.207E+00	2.635E+00	2.229E+00	1.127E+00
3.700E+03	4.777E+00	-2.698E+01	4.220E+01	3.815E+00	1.237E+00	2.731E+00	2.294E+00	1.130E+00
3.800E+03	4.534E+00	-1.663E+01	4.294E+01	3.922E+00	1.269E+00	2.807E+00	2.342E+00	1.134E+00
3.900E+03	4.307E+00	-6.441E+00	4.368E+01	4.031E+00	1.302E+00	2.866E+00	2.375E+00	1.138E+00
4.000E+03	4.093E+00	4.133E+00	4.441E+01	4.142E+00	1.335E+00	2.907E+00	2.394E+00	1.142E+00
4.100E+03	3.892E+00	1.483E+01	4.513E+01	4.255E+00	1.370E+00	2.934E+00	2.401E+00	1.146E+00
4.200E+03	3.705E+00	2.561E+01	4.584E+01	4.369E+00	1.405E+00	2.949E+00	2.398E+00	1.150E+00
4.300E+03	3.531E+00	3.641E+01	4.653E+01	4.484E+00	1.440E+00	2.953E+00	2.388E+00	1.155E+00
4.400E+03	3.368E+00	4.722E+01	4.721E+01	4.600E+00	1.475E+00	2.947E+00	2.370E+00	1.159E+00
4.500E+03	3.217E+00	5.799E+01	4.787E+01	4.717E+00	1.510E+00	2.932E+00	2.345E+00	1.164E+00
4.600E+03	3.076E+00	6.868E+01	4.851E+01	4.834E+00	1.545E+00	2.907E+00	2.313E+00	1.169E+00
4.700E+03	2.945E+00	7.927E+01	4.914E+01	4.951E+00	1.580E+00	2.871E+00	2.273E+00	1.174E+00
4.800E+03	2.823E+00	8.969E+01	4.974E+01	5.068E+00	1.613E+00	2.823E+00	2.225E+00	1.179E+00
4.900E+03	2.710E+00	9.992E+01	5.031E+01	5.184E+00	1.647E+00	2.761E+00	2.168E+00	1.184E+00
5.000E+03	2.605E+00	1.099E+02	5.086E+01	5.299E+00	1.679E+00	2.685E+00	2.100E+00	1.190E+00
5.100E+03	2.508E+00	1.196E+02	5.139E+01	5.414E+00	1.709E+00	2.595E+00	2.024E+00	1.195E+00
5.200E+03	2.418E+00	1.289E+02	5.188E+01	5.527E+00	1.738E+00	2.492E+00	1.938E+00	1.201E+00
5.300E+03	2.336E+00	1.378E+02	5.234E+01	5.638E+00	1.766E+00	2.378E+00	1.845E+00	1.208E+00
5.400E+03	2.260E+00	1.463E+02	5.278E+01	5.748E+00	1.791E+00	2.256E+00	1.747E+00	1.214E+00
5.500E+03	2.190E+00	1.543E+02	5.318E+01	5.855E+00	1.815E+00	2.130E+00	1.646E+00	1.221E+00
5.600E+03	2.126E+00	1.619E+02	5.355E+01	5.960E+00	1.836E+00	2.003E+00	1.544E+00	1.228E+00
5.700E+03	2.067E+00	1.690E+02	5.390E+01	6.063E+00	1.856E+00	1.878E+00	1.445E+00	1.236E+00
5.800E+03	2.012E+00	1.756E+02	5.421E+01	6.164E+00	1.873E+00	1.758E+00	1.350E+00	1.243E+00
5.900E+03	1.962E+00	1.819E+02	5.450E+01	6.262E+00	1.889E+00	1.646E+00	1.261E+00	1.251E+00
6.000E+03	1.915E+00	1.877E+02	5.477E+01	6.357E+00	1.902E+00	1.543E+00	1.180E+00	1.258E+00
6.100E+03	1.872E+00	1.932E+02	5.502E+01	6.449E+00	1.915E+00	1.451E+00	1.107E+00	1.266E+00
6.200E+03	1.831E+00	1.984E+02	5.525E+01	6.537E+00	1.925E+00	1.370E+00	1.044E+00	1.273E+00
6.300E+03	1.794E+00	2.032E+02	5.546E+01	6.621E+00	1.935E+00	1.301E+00	9.893E+00	1.279E+00
6.400E+03	1.758E+00	2.079E+02	5.566E+01	6.701E+00	1.943E+00	1.244E+00	9.445E+00	1.284E+00
6.500E+03	1.724E+00	2.124E+02	5.585E+01	6.776E+00	1.950E+00	1.198E+00	8.994E+00	1.288E+00
6.600E+03	1.693E+00	2.167E+02	5.603E+01	6.845E+00	1.957E+00	1.164E+00	8.642E+00	1.290E+00
6.700E+03	1.662E+00	2.209E+02	5.620E+01	6.909E+00	1.963E+00	1.143E+00	8.689E+00	1.290E+00
6.800E+03	1.633E+00	2.251E+02	5.637E+01	6.966E+00	1.968E+00	1.133E+00	8.641E+00	1.289E+00
6.900E+03	1.606E+00	2.292E+02	5.654E+01	7.016E+00	1.973E+00	1.137E+00	8.702E+00	1.285E+00
7.000E+03	1.579E+00	2.334E+02	5.670E+01	7.060E+00	1.978E+00	1.154E+00	8.879E+00	1.280E+00
7.100E+03	1.553E+00	2.377E+02	5.687E+01	7.098E+00	1.983E+00	1.186E+00	9.183E+00	1.272E+00
7.200E+03	1.528E+00	2.421E+02	5.704E+01	7.132E+00	1.988E+00	1.234E+00	9.622E+00	1.263E+00
7.300E+03	1.507E+00	2.468E+02	5.721E+01	7.162E+00	1.993E+00	1.290E+00	1.021E+00	1.253E+00
7.400E+03	1.478E+00	2.517E+02	5.740E+01	7.190E+00	1.998E+00	1.364E+00	1.096E+00	1.243E+00
7.500E+03	1.454E+00	2.569E+02	5.759E+01	7.218E+00	2.004E+00	1.489E+00	1.180E+00	1.232E+00
7.600E+03	1.431E+00	2.624E+02	5.779E+01	7.247E+00	2.011E+00	1.616E+00	1.299E+00	1.222E+00
7.700E+03	1.407E+00	2.688E+02	5.801E+01	7.279E+00	2.019E+00	1.767E+00	1.429E+00	1.217E+00
7.800E+03	1.383E+00	2.756E+02	5.825E+01	7.314E+00	2.027E+00	1.943E+00	1.578E+00	1.203E+00
7.900E+03	1.359E+00	2.831E+02	5.851E+01	7.354E+00	2.037E+00	2.144E+00	1.748E+00	1.195E+00
8.000E+03	1.334E+00	2.913E+02	5.880E+01	7.400E+00	2.048E+00	2.368E+00	1.935E+00	1.188E+00
8.200E+03	1.284E+00	3.105E+02	5.944E+01	7.505E+00	2.076E+00	2.886E+00	2.359E+00	1.177E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
8.400E+03	1.232E+00	3.338E+02	6.021E+01	7.641E+00	2.112E+00	3.471E+01	2.824E+01	1.170E+00
8.600E+03	1.179E+00	3.614E+02	6.110E+01	7.798E+00	2.156E+00	4.081E+01	3.295E+01	1.166E+00
8.800E+03	1.125E+00	3.935E+02	6.210E+01	7.979E+00	2.209E+00	4.665E+01	3.731E+01	1.164E+00
9.000E+03	1.070E+00	4.295E+02	6.321E+01	8.180E+00	2.269E+00	5.164E+01	4.090E+01	1.164E+00
9.200E+03	1.017E+00	4.688E+02	6.439E+01	8.397E+00	2.336E+00	5.528E+01	4.340E+01	1.164E+00
9.400E+03	9.664E-01	5.101E+02	6.560E+01	8.626E+00	2.406E+00	5.726E+01	4.464E+01	1.169E+00
9.600E+03	9.189E-01	5.522E+02	6.681E+01	8.862E+00	2.478E+00	5.744E+01	4.458E+01	1.174E+00
9.800E+03	8.752E-01	5.938E+02	6.798E+01	9.101E+00	2.549E+00	5.599E+01	4.333E+01	1.179E+00
1.000E+04	8.356E-01	6.338E+02	6.909E+01	9.339E+00	2.616E+00	5.320E+01	4.113E+01	1.185E+00
1.020E+04	8.002E-01	6.715E+02	7.011E+01	9.573E+00	2.678E+00	4.951E+01	3.827E+01	1.192E+00
1.040E+04	7.686E-01	7.062E+02	7.103E+01	9.802E+00	2.735E+00	4.538E+01	3.509E+01	1.201E+00
1.060E+04	7.405E-01	7.379E+02	7.185E+01	1.002E+01	2.785E+00	4.120E+01	3.184E+01	1.210E+00
1.080E+04	7.155E-01	7.666E+02	7.259E+01	1.024E+01	2.829E+00	3.725E+01	2.876E+01	1.220E+00
1.100E+04	6.931E-01	7.926E+02	7.324E+01	1.045E+01	2.868E+00	3.371E+01	2.595E+01	1.230E+00
1.120E+04	6.729E-01	8.161E+02	7.382E+01	1.065E+01	2.901E+00	3.047E+01	2.359E+01	1.240E+00
1.140E+04	6.545E-01	8.376E+02	7.434E+01	1.084E+01	2.930E+00	2.816E+01	2.159E+01	1.250E+00
1.160E+04	6.376E-01	8.575E+02	7.481E+01	1.102E+01	2.956E+00	2.616E+01	1.999E+01	1.259E+00
1.180E+04	6.221E-01	8.760E+02	7.524E+01	1.119E+01	2.978E+00	2.461E+01	1.875E+01	1.267E+00
1.200E+04	6.075E-01	8.936E+02	7.564E+01	1.135E+01	2.999E+00	2.346E+01	1.783E+01	1.273E+00
1.220E+04	5.934E-01	9.104E+02	7.602E+01	1.151E+01	3.018E+00	2.266E+01	1.719E+01	1.278E+00
1.240E+04	5.809E-01	9.268E+02	7.639E+01	1.165E+01	3.035E+00	2.215E+01	1.679E+01	1.282E+00
1.260E+04	5.685E-01	9.429E+02	7.674E+01	1.178E+01	3.052E+00	2.189E+01	1.659E+01	1.283E+00
1.280E+04	5.567E-01	9.589E+02	7.708E+01	1.191E+01	3.068E+00	2.185E+01	1.655E+01	1.284E+00
1.300E+04	5.453E-01	9.750E+02	7.742E+01	1.203E+01	3.084E+00	2.197E+01	1.666E+01	1.283E+00
1.320E+04	5.343E-01	9.912E+02	7.776E+01	1.214E+01	3.099E+00	2.225E+01	1.688E+01	1.282E+00
1.340E+04	5.237E-01	1.008E+03	7.810E+01	1.226E+01	3.115E+00	2.265E+01	1.721E+01	1.279E+00
1.360E+04	5.134E-01	1.024E+03	7.844E+01	1.237E+01	3.131E+00	2.317E+01	1.762E+01	1.277E+00
1.380E+04	5.033E-01	1.042E+03	7.878E+01	1.248E+01	3.148E+00	2.377E+01	1.810E+01	1.274E+00
1.400E+04	4.935E-01	1.059E+03	7.913E+01	1.258E+01	3.164E+00	2.446E+01	1.864E+01	1.271E+00
1.420E+04	4.839E-01	1.077E+03	7.948E+01	1.269E+01	3.182E+00	2.522E+01	1.924E+01	1.268E+00
1.440E+04	4.745E-01	1.096E+03	7.984E+01	1.280E+01	3.200E+00	2.604E+01	1.988E+01	1.264E+00
1.460E+04	4.653E-01	1.116E+03	8.020E+01	1.291E+01	3.218E+00	2.692E+01	2.057E+01	1.261E+00
1.480E+04	4.562E-01	1.136E+03	8.058E+01	1.302E+01	3.238E+00	2.784E+01	2.129E+01	1.258E+00
1.500E+04	4.474E-01	1.156E+03	8.096E+01	1.314E+01	3.258E+00	2.882E+01	2.203E+01	1.256E+00
1.520E+04	4.387E-01	1.178E+03	8.134E+01	1.325E+01	3.279E+00	2.983E+01	2.281E+01	1.253E+00
1.540E+04	4.301E-01	1.200E+03	8.174E+01	1.337E+01	3.301E+00	3.088E+01	2.361E+01	1.250E+00
1.560E+04	4.217E-01	1.223E+03	8.215E+01	1.349E+01	3.323E+00	3.197E+01	2.443E+01	1.248E+00
1.580E+04	4.134E-01	1.247E+03	8.256E+01	1.361E+01	3.347E+00	3.300E+01	2.527E+01	1.246E+00
1.600E+04	4.053E-01	1.271E+03	8.298E+01	1.374E+01	3.371E+00	3.423E+01	2.612E+01	1.243E+00
1.620E+04	3.973E-01	1.297E+03	8.342E+01	1.386E+01	3.397E+00	3.539E+01	2.698E+01	1.242E+00
1.640E+04	3.894E-01	1.323E+03	8.386E+01	1.399E+01	3.423E+00	3.658E+01	2.786E+01	1.240E+00
1.660E+04	3.817E-01	1.351E+03	8.431E+01	1.412E+01	3.450E+00	3.779E+01	2.874E+01	1.238E+00
1.680E+04	3.741E-01	1.379E+03	8.477E+01	1.426E+01	3.479E+00	3.901E+01	2.962E+01	1.237E+00
1.700E+04	3.666E-01	1.408E+03	8.524E+01	1.440E+01	3.508E+00	4.025E+01	3.051E+01	1.235E+00
1.720E+04	3.592E-01	1.438E+03	8.572E+01	1.454E+01	3.538E+00	4.150E+01	3.140E+01	1.234E+00
1.740E+04	3.520E-01	1.468E+03	8.620E+01	1.468E+01	3.570E+00	4.275E+01	3.229E+01	1.233E+00
1.760E+04	3.449E-01	1.500E+03	8.670E+01	1.482E+01	3.602E+00	4.400E+01	3.317E+01	1.232E+00
1.780E+04	3.379E-01	1.533E+03	8.720E+01	1.497E+01	3.635E+00	4.525E+01	3.404E+01	1.231E+00
1.800E+04	3.310E-01	1.566E+03	8.771E+01	1.512E+01	3.669E+00	4.650E+01	3.490E+01	1.231E+00
1.820E+04	3.243E-01	1.601E+03	8.824E+01	1.527E+01	3.704E+00	4.774E+01	3.575E+01	1.230E+00
1.840E+04	3.177E-01	1.636E+03	8.876E+01	1.543E+01	3.740E+00	4.896E+01	3.658E+01	1.230E+00
1.860E+04	3.112E-01	1.673E+03	8.930E+01	1.559E+01	3.777E+00	5.016E+01	3.739E+01	1.229E+00
1.880E+04	3.048E-01	1.710E+03	8.984E+01	1.575E+01	3.815E+00	5.134E+01	3.818E+01	1.229E+00
1.900E+04	2.986E-01	1.748E+03	9.039E+01	1.591E+01	3.854E+00	5.249E+01	3.894E+01	1.229E+00
1.920E+04	2.925E-01	1.787E+03	9.095E+01	1.608E+01	3.893E+00	5.360E+01	3.967E+01	1.229E+00
1.940E+04	2.865E-01	1.826E+03	9.151E+01	1.625E+01	3.933E+00	5.467E+01	4.036E+01	1.229E+00
1.960E+04	2.804E-01	1.867E+03	9.207E+01	1.642E+01	3.974E+00	5.568E+01	4.101E+01	1.230E+00
1.980E+04	2.749E-01	1.908E+03	9.264E+01	1.659E+01	4.016E+00	5.666E+01	4.163E+01	1.230E+00
2.000E+04	2.693E-01	1.950E+03	9.322E+01	1.676E+01	4.058E+00	5.758E+01	4.220E+01	1.231E+00
2.020E+04	2.639E-01	1.992E+03	9.380E+01	1.694E+01	4.101E+00	5.842E+01	4.272E+01	1.231E+00
2.040E+04	2.586E-01	2.035E+03	9.438E+01	1.712E+01	4.145E+00	5.920E+01	4.319E+01	1.232E+00
2.060E+04	2.534E-01	2.079E+03	9.496E+01	1.730E+01	4.189E+00	5.991E+01	4.360E+01	1.233E+00
2.080E+04	2.483E-01	2.123E+03	9.554E+01	1.748E+01	4.233E+00	6.053E+01	4.396E+01	1.234E+00
2.100E+04	2.434E-01	2.167E+03	9.612E+01	1.767E+01	4.277E+00	6.107E+01	4.426E+01	1.235E+00
2.120E+04	2.386E-01	2.212E+03	9.670E+01	1.785E+01	4.322E+00	6.153E+01	4.450E+01	1.237E+00
2.140E+04	2.339E-01	2.258E+03	9.728E+01	1.804E+01	4.367E+00	6.189E+01	4.468E+01	1.238E+00
2.160E+04	2.294E-01	2.303E+03	9.786E+01	1.823E+01	4.412E+00	6.217E+01	4.479E+01	1.239E+00
2.180E+04	2.250E-01	2.349E+03	9.843E+01	1.842E+01	4.457E+00	6.235E+01	4.484E+01	1.241E+00
2.200E+04	2.208E-01	2.394E+03	9.900E+01	1.861E+01	4.501E+00	6.243E+01	4.483E+01	1.243E+00
2.220E+04	2.166E-01	2.440E+03	9.957E+01	1.880E+01	4.546E+00	6.242E+01	4.476E+01	1.244E+00
2.240E+04	2.126E-01	2.486E+03	1.001E+02	1.899E+01	4.590E+00	6.232E+01	4.462E+01	1.246E+00
2.260E+04	2.087E-01	2.531E+03	1.007E+02	1.918E+01	4.634E+00	6.213E+01	4.443E+01	1.248E+00
2.280E+04	2.050E-01	2.577E+03	1.012E+02	1.937E+01	4.678E+00	6.185E+01	4.417E+01	1.250E+00
2.300E+04	2.013E-01	2.622E+03	1.018E+02	1.956E+01	4.721E+00	6.149E+01	4.387E+01	1.252E+00
2.320E+04	1.978E-01	2.667E+03	1.023E+02	1.975E+01	4.764E+00	6.104E+01	4.351E+01	1.255E+00
2.340E+04	1.944E-01	2.711E+03	1.028E+02	1.994E+01	4.806E+00	6.052E+01	4.310E+01	1.257E+00
2.360E+04	1.911E-01	2.755E+03	1.033E+02	2.013E+01	4.847E+00	5.994E+01	4.264E+01	1.259E+00
2.380E+04	1.879E-01	2.799E+03	1.038E+02	2.032E+01	4.887E+00	5.920E+01	4.215E+01	1.262E+00
2.400E+04	1.849E-01	2.842E+03	1.043E+02	2.051E	4.927E+00	5.858E+01	4.162E+01	1.264E+00
2.420E+04	1.819E-01	2.885E+03	1.048E+02	2.070E	4.966E+00	5.782E+01	4.106E+01	1.267E+00
2.440E+04	1.790E-01	2.927E+03	1.053E+02	2.088E+01	5.004E+00	5.702E+01	4.047E+01	1.270E+00
2.460E+04	1.763E-01	2.968E+03	1.057E+02	2.107E+01	5.041E+00	5.610E+01	3.986E+01	1.272E+00
2.480E+04	1.736E-01	3.009E+03	1.062E+02	2.125E+01	5.077E+00	5.531E+01	3.923E+01	1.275E+00
2.500E+04	1.710E-01	3.049E+03	1.066E+02	2.143E+01	5.112E+00	5.443E+01	3.859E+01	1.278E+00

Table I. - Continued.

P/PO = 9.00E+01

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E+02	-1.718E+02	1.702E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E+02	-1.705E+02	1.954E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E+01	-1.690E+02	2.123E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E+01	-1.672E+02	2.259E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E+01	-1.653E+02	2.374E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E+01	-1.633E+02	2.475E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E+01	-1.612E+02	2.564E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E+01	-1.590E+02	2.645E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E+01	-1.567E+02	2.719E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E+01	-1.543E+02	2.787E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.236E+01	-1.519E+02	2.850E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.050E+01	-1.494E+02	2.908E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	1.892E+01	-1.470E+02	2.962E+01	2.070E+00	1.000E+00	6.836E+00	5.835E+00	1.171E+00
1.400E+03	1.757E+01	-1.444E+02	3.013E+01	2.146E+00	1.000E+00	6.918E+00	5.918E+00	1.169E+00
1.500E+03	1.640E+01	-1.419E+02	3.061E+01	2.219E+00	1.000E+00	6.999E+00	5.998E+00	1.167E+00
1.600E+03	1.537E+01	-1.393E+02	3.107E+01	2.290E+00	1.000E+00	7.087E+00	6.084E+00	1.165E+00
1.700E+03	1.446E+01	-1.367E+02	3.150E+01	2.358E+00	1.000E+00	7.196E+00	6.190E+00	1.162E+00
1.800E+03	1.366E+01	-1.340E+02	3.191E+01	2.424E+00	1.000E+00	7.341E+00	6.328E+00	1.160E+00
1.900E+03	1.293E+01	-1.313E+02	3.231E+01	2.487E+00	1.000E+00	7.539E+00	6.517E+00	1.157E+00
2.000E+03	1.229E+01	-1.285E+02	3.271E+01	2.549E+00	1.000E+00	7.811E+00	6.772E+00	1.153E+00
2.100E+03	1.168E+01	-1.256E+02	3.310E+01	2.608E+00	1.000E+00	8.176E+00	7.112E+00	1.148E+00
2.200E+03	1.113E+01	-1.225E+02	3.349E+01	2.667E+00	1.000E+00	8.653E+00	7.553E+00	1.144E+00
2.300E+03	1.062E+01	-1.192E+02	3.389E+01	2.724E+00	1.000E+00	9.257E+00	8.109E+00	1.139E+00
2.400E+03	1.014E+01	-1.157E+02	3.430E+01	2.782E+00	1.011E+00	1.000E+01	8.789E+00	1.134E+00
2.500E+03	9.587E+00	-1.119E+02	3.472E+01	2.841E+00	1.016E+00	1.090E+01	9.597E+00	1.130E+00
2.600E+03	9.258E+00	-1.077E+02	3.517E+01	2.901E+00	1.022E+00	1.194E+01	1.053E+01	1.126E+00
2.700E+03	8.846E+00	-1.031E+02	3.564E+01	2.964E+00	1.030E+00	1.313E+01	1.158E+01	1.123E+00
2.800E+03	8.450E+00	-9.809E+01	3.614E+01	3.029E+00	1.040E+00	1.445E+01	1.273E+01	1.121E+00
2.900E+03	8.066E+00	-9.254E+01	3.667E+01	3.099E+00	1.051E+00	1.587E+01	1.396E+01	1.119E+00
3.000E+03	7.773E+00	-8.645E+01	3.724E+01	3.172E+00	1.066E+00	1.738E+01	1.524E+01	1.119E+00
3.100E+03	7.331E+00	-7.981E+01	3.783E+01	3.249E+00	1.082E+00	1.893E+01	1.652E+01	1.119E+00
3.200E+03	6.980E+00	-7.259E+01	3.846E+01	3.331E+00	1.101E+00	2.048E+01	1.779E+01	1.119E+00
3.300E+03	6.639E+00	-6.482E+01	3.911E+01	3.417E+00	1.123E+00	2.199E+01	1.898E+01	1.121E+00
3.400E+03	6.311E+00	-5.650E+01	3.979E+01	3.508E+00	1.146E+00	2.341E+01	2.008E+01	1.122E+00
3.500E+03	5.996E+00	-4.769E+01	4.049E+01	3.602E+00	1.172E+00	2.470E+01	2.106E+01	1.125E+00
3.600E+03	5.694E+00	-3.843E+01	4.120E+01	3.701E+00	1.200E+00	2.584E+01	2.188E+01	1.127E+00
3.700E+03	5.407E+00	-2.879E+01	4.192E+01	3.803E+00	1.229E+00	2.681E+01	2.254E+01	1.130E+00
3.800E+03	5.135E+00	-1.882E+01	4.265E+01	3.908E+00	1.260E+00	2.759E+01	2.304E+01	1.134E+00
3.900E+03	4.879E+00	-8.606E+00	4.337E+01	4.016E+00	1.292E+00	2.819E+01	2.339E+01	1.137E+00
4.000E+03	4.639E+00	1.602E+00	4.409E+01	4.126E+00	1.325E+00	2.863E+01	2.360E+01	1.141E+00
4.100E+03	4.413E+00	1.234E+01	4.480E+01	4.237E+00	1.359E+00	2.892E+01	2.369E+01	1.145E+00
4.200E+03	4.202E+00	2.297E+01	4.550E+01	4.351E+00	1.393E+00	2.909E+01	2.368E+01	1.150E+00
4.300E+03	4.006E+00	3.363E+01	4.619E+01	4.465E+00	1.428E+00	2.915E+01	2.360E+01	1.154E+00
4.400E+03	3.822E+00	4.431E+01	4.686E+01	4.580E+00	1.462E+00	2.912E+01	2.344E+01	1.159E+00
4.500E+03	3.651E+00	5.495E+01	4.751E+01	4.695E+00	1.497E+00	2.900E+01	2.322E+01	1.163E+00
4.600E+03	3.491E+00	6.553E+01	4.815E+01	4.811E+00	1.531E+00	2.879E+01	2.293E+01	1.168E+00
4.700E+03	3.343E+00	7.602E+01	4.876E+01	4.927E+00	1.566E+00	2.848E+01	2.257E+01	1.173E+00
4.800E+03	3.204E+00	8.638E+01	4.936E+01	5.043E+00	1.599E+00	2.806E+01	2.214E+01	1.178E+00
4.900E+03	3.076E+00	9.656E+01	4.993E+01	5.159E+00	1.632E+00	2.752E+01	2.162E+01	1.183E+00
5.000E+03	2.956E+00	1.065E+02	5.048E+01	5.274E+00	1.664E+00	2.684E+01	2.101E+01	1.188E+00
5.100E+03	2.846E+00	1.162E+02	5.100E+01	5.388E+00	1.694E+00	2.603E+01	2.031E+01	1.194E+00
5.200E+03	2.744E+00	1.256E+02	5.150E+01	5.500E+00	1.724E+00	2.510E+01	1.952E+01	1.200E+00
5.300E+03	2.649E+00	1.346E+02	5.197E+01	5.612E+00	1.752E+00	2.405E+01	1.866E+01	1.206E+00
5.400E+03	2.562E+00	1.432E+02	5.241E+01	5.721E+00	1.778E+00	2.291E+01	1.773E+01	1.212E+00
5.500E+03	2.482E+00	1.513E+02	5.282E+01	5.829E+00	1.802E+00	2.172E+01	1.677E+01	1.219E+00
5.600E+03	2.408E+00	1.591E+02	5.320E+01	5.935E+00	1.824E+00	2.050E+01	1.580E+01	1.226E+00
5.700E+03	2.340E+00	1.664E+02	5.355E+01	6.038E+00	1.844E+00	1.928E+01	1.483E+01	1.233E+00
5.800E+03	2.277E+00	1.732E+02	5.388E+01	6.139E+00	1.862E+00	1.810E+01	1.390E+01	1.240E+00
5.900E+03	2.219E+00	1.796E+02	5.418E+01	6.237E+00	1.879E+00	1.698E+01	1.301E+01	1.248E+00
6.000E+03	2.165E+00	1.856E+02	5.445E+01	6.333E+00	1.893E+00	1.594E+01	1.219E+01	1.255E+00
6.100E+03	2.115E+00	1.913E+02	5.471E+01	6.426E+00	1.906E+00	1.499E+01	1.144E+01	1.262E+00
6.200E+03	2.068E+00	1.966E+02	5.494E+01	6.515E+00	1.918E+00	1.415E+01	1.078E+01	1.269E+00
6.300E+03	2.025E+00	2.017E+02	5.517E+01	6.601E+00	1.928E+00	1.341E+01	1.020E+01	1.275E+00
6.400E+03	1.984E+00	2.065E+02	5.537E+01	6.683E+00	1.937E+00	1.279E+01	9.716E+00	1.281E+00
6.500E+03	1.946E+00	2.111E+02	5.557E+01	6.760E+00	1.945E+00	1.229E+01	9.324E+00	1.285E+00
6.600E+03	1.909E+00	2.155E+02	5.575E+01	6.832E+00	1.952E+00	1.189E+01	9.027E+00	1.288E+00
6.700E+03	1.875E+00	2.198E+02	5.593E+01	6.898E+00	1.958E+00	1.162E+01	8.827E+00	1.289E+00
6.800E+03	1.842E+00	2.240E+02	5.610E+01	6.958E+00	1.964E+00	1.146E+01	8.726E+00	1.289E+00
6.900E+03	1.810E+00	2.282E+02	5.627E+01	7.012E+00	1.969E+00	1.143E+01	8.730E+00	1.286E+00
7.000E+03	1.780E+00	2.324E+02	5.643E+01	7.059E+00	1.974E+00	1.153E+01	8.844E+00	1.282E+00
7.100E+03	1.750E+00	2.367E+02	5.660E+01	7.101E+00	1.979E+00	1.176E+01	9.077E+00	1.275E+00
7.200E+03	1.722E+00	2.410E+02	5.676E+01	7.137E+00	1.984E+00	1.215E+01	9.436E+00	1.268E+00
7.300E+03	1.694E+00	2.456E+02	5.693E+01	7.170E+00	1.989E+00	1.270E+01	9.935E+00	1.258E+00
7.400E+03	1.666E+00	2.504E+02	5.711E+01	7.199E+00	1.994E+00	1.347E+01	1.058E+01	1.248E+00
7.500E+03	1.640E+00	2.554E+02	5.730E+01	7.228E+00	2.000E+00	1.434E+01	1.139E+01	1.238E+00
7.600E+03	1.613E+00	2.609E+02	5.749E+01	7.257E+00	2.006E+00	1.547E+01	1.238E+01	1.228E+00
7.700E+03	1.586E+00	2.668E+02	5.771E+01	7.287E+00	2.014E+00	1.682E+01	1.354E+01	1.218E+00
7.800E+03	1.560E+00	2.732E+02	5.793E+01	7.321E+00	2.027E+00	1.840E+01	1.490E+01	1.208E+00
7.900E+03	1.533E+00	2.803E+02	5.818E+01	7.359E+00	2.031E+00	2.022E+01	1.644E+01	1.200E+00
8.000E+03	1.506E+00	2.881E+02	5.845E+01	7.401E+00	2.041E+00	2.228E+01	1.816E+01	1.193E+00
8.200E+03	1.451E+00	3.061E+02	5.905E+01	7.503E+00	2.067E+00	2.707E+01	2.211E+01	1.181E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.394E+00	3.279E+02	5.977E+01	7.728E+00	2.100E+00	3.259E+01	2.653E+01	1.173E+00
8.600E+03	1.336E+00	3.539E+02	6.061E+01	7.777E+00	2.141E+00	3.849E+01	3.113E+01	1.168E+00
8.800E+03	1.276E+00	3.843E+02	6.156E+01	7.950E+00	2.190E+00	4.429E+01	3.550E+01	1.166E+00
9.000E+03	1.216E+00	4.186E+02	6.261E+01	8.143E+00	2.247E+00	4.946E+01	3.926E+01	1.165E+00
9.200E+03	1.157E+00	4.564E+02	6.375E+01	8.353E+00	2.311E+00	5.349E+01	4.207E+01	1.167E+00
9.400E+03	1.100E+00	4.966E+02	6.493E+01	8.577E+00	2.379E+00	5.601E+01	4.372E+01	1.169E+00
9.600E+03	1.046E+00	5.380E+02	6.612E+01	8.809E+00	2.450E+00	5.683E+01	4.412E+01	1.173E+00
9.800E+03	9.959E-01	5.794E+02	6.728E+01	9.046E+00	2.520E+00	5.602E+01	4.334E+01	1.178E+00
1.000E+04	9.504E-01	6.197E+02	6.840E+01	9.283E+00	2.588E+00	5.379E+01	4.155E+01	1.184E+00
1.020E+04	9.094E-01	6.575E+02	6.943E+01	9.517E+00	2.651E+00	5.054E+01	3.902E+01	1.191E+00
1.040E+04	8.727E-01	6.936E+02	7.038E+01	9.747E+00	2.710E+00	4.669E+01	3.604E+01	1.198E+00
1.060E+04	8.401E-01	7.263E+02	7.123E+01	9.970E+00	2.762E+00	4.263E+01	3.290E+01	1.207E+00
1.080E+04	8.110E-01	7.560E+02	7.199E+01	1.019E+01	2.808E+00	3.848E+01	2.984E+01	1.216E+00
1.100E+04	7.849E-01	7.830E+02	7.266E+01	1.040E+01	2.849E+00	3.505E+01	2.700E+01	1.226E+00
1.120E+04	7.615E-01	8.074E+02	7.326E+01	1.060E+01	2.884E+00	3.187E+01	2.450E+01	1.236E+00
1.140E+04	7.402E-01	8.298E+02	7.380E+01	1.079E+01	2.915E+00	2.918E+01	2.238E+01	1.246E+00
1.160E+04	7.208E-01	8.503E+02	7.429E+01	1.098E+01	2.942E+00	2.799E+01	2.064E+01	1.256E+00
1.180E+04	7.028E-01	8.694E+02	7.474E+01	1.115E+01	2.966E+00	2.526E+01	1.926E+01	1.264E+00
1.200E+04	6.862E-01	8.874E+02	7.515E+01	1.132E+01	2.987E+00	2.394E+01	1.821E+01	1.271E+00
1.220E+04	6.705E-01	9.045E+02	7.554E+01	1.148E+01	3.006E+00	2.299E+01	1.744E+01	1.277E+00
1.240E+04	6.558E-01	9.211E+02	7.591E+01	1.162E+01	3.025E+00	2.234E+01	1.693E+01	1.281E+00
1.260E+04	6.418E-01	9.373E+02	7.626E+01	1.176E+01	3.042E+00	2.195E+01	1.662E+01	1.283E+00
1.280E+04	6.284E-01	9.533E+02	7.660E+01	1.189E+01	3.058E+00	2.179E+01	1.649E+01	1.284E+00
1.300E+04	6.155E-01	9.693E+02	7.694E+01	1.201E+01	3.074E+00	2.181E+01	1.652E+01	1.284E+00
1.320E+04	6.031E-01	9.853E+02	7.728E+01	1.213E+01	3.089E+00	2.200E+01	1.667E+01	1.283E+00
1.340E+04	5.912E-01	1.002E+03	7.761E+01	1.225E+01	3.105E+00	2.231E+01	1.693E+01	1.281E+00
1.360E+04	5.796E-01	1.018E+03	7.794E+01	1.236E+01	3.120E+00	2.275E+01	1.727E+01	1.279E+00
1.380E+04	5.683E-01	1.035E+03	7.828E+01	1.247E+01	3.136E+00	2.328E+01	1.770E+01	1.276E+00
1.400E+04	5.574E-01	1.052E+03	7.862E+01	1.257E+01	3.153E+00	2.385E+01	1.819E+01	1.273E+00
1.420E+04	5.465E-01	1.070E+03	7.896E+01	1.268E+01	3.169E+00	2.459E+01	1.874E+01	1.270E+00
1.440E+04	5.360E-01	1.088E+03	7.931E+01	1.279E+01	3.187E+00	2.534E+01	1.933E+01	1.267E+00
1.460E+04	5.257E-01	1.107E+03	7.966E+01	1.290E+01	3.204E+00	2.616E+01	1.997E+01	1.264E+00
1.480E+04	5.156E-01	1.126E+03	8.003E+01	1.301E+01	3.223E+00	2.703E+01	2.065E+01	1.261E+00
1.500E+04	5.057E-01	1.147E+03	8.040E+01	1.312E+01	3.242E+00	2.794E+01	2.136E+01	1.258E+00
1.520E+04	4.960E-01	1.167E+03	8.077E+01	1.323E+01	3.262E+00	2.890E+01	2.209E+01	1.255E+00
1.540E+04	4.865E-01	1.189E+03	8.116E+01	1.335E+01	3.283E+00	2.990E+01	2.285E+01	1.253E+00
1.560E+04	4.771E-01	1.211E+03	8.155E+01	1.346E+01	3.305E+00	3.093E+01	2.363E+01	1.250E+00
1.580E+04	4.679E-01	1.234E+03	8.195E+01	1.358E+01	3.327E+00	3.199E+01	2.443E+01	1.248E+00
1.600E+04	4.588E-01	1.258E+03	8.236E+01	1.370E+01	3.350E+00	3.308E+01	2.525E+01	1.245E+00
1.620E+04	4.499E-01	1.283E+03	8.278E+01	1.383E+01	3.375E+00	3.419E+01	2.608E+01	1.243E+00
1.640E+04	4.411E-01	1.308E+03	8.320E+01	1.395E+01	3.400E+00	3.533E+01	2.692E+01	1.242E+00
1.660E+04	4.325E-01	1.334E+03	8.364E+01	1.408E+01	3.426E+00	3.649E+01	2.777E+01	1.240E+00
1.680E+04	4.240E-01	1.362E+03	8.409E+01	1.421E+01	3.453E+00	3.766E+01	2.863E+01	1.238E+00
1.700E+04	4.157E-01	1.390E+03	8.453E+01	1.435E+01	3.481E+00	3.885E+01	2.949E+01	1.237E+00
1.720E+04	4.074E-01	1.418E+03	8.500E+01	1.448E+01	3.509E+00	4.005E+01	3.035E+01	1.235E+00
1.740E+04	3.994E-01	1.448E+03	8.547E+01	1.462E+01	3.539E+00	4.126E+01	3.121E+01	1.234E+00
1.760E+04	3.914E-01	1.479E+03	8.594E+01	1.476E+01	3.570E+00	4.247E+01	3.206E+01	1.233E+00
1.780E+04	3.836E-01	1.510E+03	8.643E+01	1.491E+01	3.602E+00	4.368E+01	3.292E+01	1.232E+00
1.800E+04	3.760E-01	1.543E+03	8.693E+01	1.505E+01	3.634E+00	4.489E+01	3.376E+01	1.232E+00
1.820E+04	3.684E-01	1.576E+03	8.743E+01	1.520E+01	3.668E+00	4.610E+01	3.459E+01	1.231E+00
1.840E+04	3.610E-01	1.610E+03	8.794E+01	1.536E+01	3.702E+00	4.729E+01	3.541E+01	1.230E+00
1.860E+04	3.538E-01	1.645E+03	8.846E+01	1.551E+01	3.738E+00	4.847E+01	3.621E+01	1.230E+00
1.880E+04	3.467E-01	1.681E+03	8.898E+01	1.567E+01	3.774E+00	4.963E+01	3.698E+01	1.230E+00
1.900E+04	3.397E-01	1.718E+03	8.951E+01	1.583E+01	3.811E+00	5.076E+01	3.774E+01	1.230E+00
1.920E+04	3.328E-01	1.756E+03	9.005E+01	1.599E+01	3.849E+00	5.187E+01	3.847E+01	1.230E+00
1.940E+04	3.261E-01	1.794E+03	9.059E+01	1.615E+01	3.887E+00	5.294E+01	3.917E+01	1.230E+00
1.960E+04	3.196E-01	1.833E+03	9.114E+01	1.632E+01	3.927E+00	5.397E+01	3.983E+01	1.230E+00
1.980E+04	3.131E-01	1.873E+03	9.169E+01	1.649E+01	3.967E+00	5.496E+01	4.046E+01	1.230E+00
2.000E+04	3.067E-01	1.914E+03	9.225E+01	1.666E+01	4.007E+00	5.590E+01	4.105E+01	1.231E+00
2.020E+04	3.007E-01	1.955E+03	9.281E+01	1.683E+01	4.049E+00	5.678E+01	4.160E+01	1.231E+00
2.040E+04	2.947E-01	1.997E+03	9.338E+01	1.701E+01	4.091E+00	5.760E+01	4.210E+01	1.232E+00
2.060E+04	2.889E-01	2.039E+03	9.394E+01	1.718E+01	4.133E+00	5.835E+01	4.255E+01	1.233E+00
2.080E+04	2.832E-01	2.082E+03	9.451E+01	1.736E+01	4.176E+00	5.904E+01	4.296E+01	1.234E+00
2.100E+04	2.776E-01	2.126E+03	9.508E+01	1.754E+01	4.219E+00	5.965E+01	4.330E+01	1.235E+00
2.120E+04	2.722E-01	2.170E+03	9.564E+01	1.772E+01	4.262E+00	6.018E+01	4.360E+01	1.236E+00
2.140E+04	2.669E-01	2.214E+03	9.621E+01	1.791E+01	4.306E+00	6.063E+01	4.383E+01	1.237E+00
2.160E+04	2.618E-01	2.258E+03	9.678E+01	1.809E+01	4.350E+00	6.099E+01	4.401E+01	1.238E+00
2.180E+04	2.568E-01	2.303E+03	9.734E+01	1.828E+01	4.394E+00	6.127E+01	4.413E+01	1.240E+00
2.200E+04	2.519E-01	2.348E+03	9.790E+01	1.846E+01	4.438E+00	6.146E+01	4.419E+01	1.241E+00
2.220E+04	2.472E-01	2.393E+03	9.846E+01	1.865E+01	4.482E+00	6.157E+01	4.419E+01	1.243E+00
2.240E+04	2.426E-01	2.438E+03	9.901E+01	1.884E+01	4.526E+00	6.158E+01	4.413E+01	1.245E+00
2.260E+04	2.382E-01	2.483E+03	9.956E+01	1.903E+01	4.569E+00	6.151E+01	4.401E+01	1.247E+00
2.280E+04	2.339E-01	2.528E+03	1.001E+02	1.922E+01	4.612E+00	6.135E+01	4.384E+01	1.249E+00
2.300E+04	2.297E-01	2.573E+03	1.006E+02	1.941E+01	4.655E+00	6.111E+01	4.361E+01	1.251E+00
2.320E+04	2.257E-01	2.618E+03	1.012E+02	1.960E+01	4.697E+00	6.079E+01	4.333E+01	1.253E+00
2.340E+04	2.218E-01	2.662E+03	1.017E+02	1.979E+01	4.739E+00	6.039E+01	4.300E+01	1.255E+00
2.360E+04	2.180E-01	2.706E+03	1.022E+02	1.997E+01	4.781E+00	5.992E+01	4.263E+01	1.257E+00
2.380E+04	2.143E-01	2.750E+03	1.027E+02	2.016E+01	4.821E+00	5.939E+01	4.221E+01	1.260E+00
2.400E+04	2.108E-01	2.793E+03	1.032E+02	2.035E+01	4.861E+00	5.879E+01	4.175E+01	1.262E+00
2.420E+04	2.074E-01	2.836E+03	1.037E+02	2.054E+01	4.900E+00	5.814E+01	4.126E+01	1.264E+00
2.440E+04	2.041E-01	2.878E+03	1.042E+02	2.072E+01	4.939E+00	5.744E+01	4.073E+01	1.267E+00
2.460E+04	2.009E-01	2.920E+03	1.046E+02	2.091E+01	4.976E+00	5.670E+01	4.018E+01	1.270E+00
2.480E+04	1.978E-01	2.961E+03	1.051E+02	2.109E+01	5.013E+00	5.592E+01	3.961E+01	1.272E+00
2.500E+04	1.948E-01	3.002E+03	1.055E+02	2.128E+01	5.049E+00	5.511E+01	3.902E+01	1.275E+00

Table I. - Continued.

P/PO = 1.00E+02

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV.R	GAMMA
1.000E+02	2.733E+02	-1.718E+02	1.691E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E+02	-1.705E+02	1.943E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E+01	-1.690E+02	2.112E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E+01	-1.672E+02	2.248E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E+01	-1.653E+02	2.363E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E+01	-1.633E+02	2.464E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E+01	-1.612E+02	2.554E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E+01	-1.590E+02	2.635E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.173E+00
9.000E+02	3.036E+01	-1.567E+02	2.709E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E+01	-1.543E+02	2.776E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.484E+01	-1.519E+02	2.839E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.277E+01	-1.494E+02	2.897E+01	1.991E+00	1.000E+00	6.744E+00	5.744E+00	1.174E+00
1.300E+03	2.102E+01	-1.470E+02	2.952E+01	2.070E+00	1.000E+00	6.835E+00	5.835E+00	1.171E+00
1.400E+03	1.952E+01	-1.444E+02	3.003E+01	2.146E+00	1.000E+00	6.918E+00	5.917E+00	1.169E+00
1.500E+03	1.822E+01	-1.419E+02	3.051E+01	2.219E+00	1.000E+00	6.998E+00	5.997E+00	1.167E+00
1.600E+03	1.708E+01	-1.393E+02	3.096E+01	2.290E+00	1.000E+00	7.085E+00	6.082E+00	1.165E+00
1.700E+03	1.607E+01	-1.367E+02	3.139E+01	2.358E+00	1.000E+00	7.192E+00	6.186E+00	1.163E+00
1.800E+03	1.517E+01	-1.340E+02	3.181E+01	2.424E+00	1.000E+00	7.333E+00	6.321E+00	1.160E+00
1.900E+03	1.437E+01	-1.313E+02	3.221E+01	2.488E+00	1.001E+00	7.526E+00	6.504E+00	1.157E+00
2.000E+03	1.364E+01	-1.285E+02	3.260E+01	2.549E+00	1.002E+00	7.789E+00	6.752E+00	1.153E+00
2.100E+03	1.298E+01	-1.256E+02	3.299E+01	2.609E+00	1.003E+00	8.143E+00	7.081E+00	1.149E+00
2.200E+03	1.237E+01	-1.226E+02	3.338E+01	2.667E+00	1.005E+00	8.604E+00	7.508E+00	1.144E+00
2.300E+03	1.180E+01	-1.193E+02	3.377E+01	2.720E+00	1.007E+00	9.189E+00	8.046E+00	1.139E+00
2.400E+03	1.127E+01	-1.158E+02	3.418E+01	2.782E+00	1.010E+00	9.910E+00	8.703E+00	1.135E+00
2.500E+03	1.077E+01	-1.120E+02	3.460E+01	2.841E+00	1.015E+00	1.077E+01	9.485E+00	1.130E+00
2.600E+03	1.029E+01	-1.079E+02	3.504E+01	2.901E+00	1.021E+00	1.178E+01	1.039E+01	1.127E+00
2.700E+03	9.839E+00	-1.034E+02	3.551E+01	2.963E+00	1.029E+00	1.294E+01	1.141E+01	1.124E+00
2.800E+03	9.401E+00	-9.841E+01	3.600E+01	3.028E+00	1.038E+00	1.421E+01	1.252E+01	1.121E+00
2.900E+03	8.977E+00	-9.296E+01	3.652E+01	3.097E+00	1.050E+00	1.560E+01	1.372E+01	1.120E+00
3.000E+03	8.565E+00	-8.698E+01	3.708E+01	3.169E+00	1.063E+00	1.706E+01	1.496E+01	1.119E+00
3.100E+03	8.166E+00	-8.046E+01	3.766E+01	3.246E+00	1.079E+00	1.857E+01	1.622E+01	1.119E+00
3.200E+03	7.778E+00	-7.338E+01	3.827E+01	3.326E+00	1.098E+00	2.009E+01	1.746E+01	1.120E+00
3.300E+03	7.403E+00	-6.575E+01	3.892E+01	3.412E+00	1.119E+00	2.157E+01	1.863E+01	1.121E+00
3.400E+03	7.040E+00	-5.759E+01	3.958E+01	3.501E+00	1.142E+00	2.297E+01	1.972E+01	1.123E+00
3.500E+03	6.692E+00	-4.894E+01	4.027E+01	3.595E+00	1.167E+00	2.426E+01	2.079E+01	1.125E+00
3.600E+03	6.358E+00	-3.985E+01	4.097E+01	3.692E+00	1.194E+00	2.539E+01	2.152E+01	1.127E+00
3.700E+03	6.041E+00	-3.037E+01	4.167E+01	3.793E+00	1.223E+00	2.636E+01	2.219E+01	1.130E+00
3.800E+03	5.740E+00	-2.056E+01	4.239E+01	3.897E+00	1.253E+00	2.716E+01	2.270E+01	1.134E+00
3.900E+03	5.456E+00	-1.050E+01	4.310E+01	4.003E+00	1.284E+00	2.778E+01	2.307E+01	1.137E+00
4.000E+03	5.188E+00	-2.413E-01	4.381E+01	4.112E+00	1.317E+00	2.823E+01	2.330E+01	1.141E+00
4.100E+03	4.938E+00	1.016E+01	4.451E+01	4.222E+00	1.350E+00	2.855E+01	2.341E+01	1.145E+00
4.200E+03	4.703E+00	2.065E+01	4.520E+01	4.334E+00	1.383E+00	2.873E+01	2.342E+01	1.149E+00
4.300E+03	4.484E+00	3.119E+01	4.588E+01	4.447E+00	1.417E+00	2.882E+01	2.335E+01	1.154E+00
4.400E+03	4.279E+00	4.174E+01	4.654E+01	4.561E+00	1.451E+00	2.881E+01	2.321E+01	1.158E+00
4.500E+03	4.088E+00	5.227E+01	4.719E+01	4.676E+00	1.486E+00	2.871E+01	2.300E+01	1.163E+00
4.600E+03	3.910E+00	6.276E+01	4.782E+01	4.791E+00	1.519E+00	2.853E+01	2.274E+01	1.168E+00
4.700E+03	3.744E+00	7.316E+01	4.843E+01	4.906E+00	1.553E+00	2.826E+01	2.241E+01	1.172E+00
4.800E+03	3.589E+00	8.344E+01	4.902E+01	5.021E+00	1.586E+00	2.789E+01	2.202E+01	1.177E+00
4.900E+03	3.445E+00	9.357E+01	4.959E+01	5.136E+00	1.619E+00	2.741E+01	2.154E+01	1.182E+00
5.000E+03	3.311E+00	1.035E+02	5.014E+01	5.251E+00	1.651E+00	2.680E+01	2.098E+01	1.188E+00
5.100E+03	3.187E+00	1.132E+02	5.066E+01	5.364E+00	1.681E+00	2.607E+01	2.034E+01	1.193E+00
5.200E+03	3.072E+00	1.226E+02	5.116E+01	5.477E+00	1.711E+00	2.521E+01	1.961E+01	1.199E+00
5.300E+03	2.965E+00	1.316E+02	5.163E+01	5.588E+00	1.739E+00	2.425E+01	1.881E+01	1.205E+00
5.400E+03	2.867E+00	1.403E+02	5.208E+01	5.698E+00	1.765E+00	2.319E+01	1.794E+01	1.211E+00
5.500E+03	2.776E+00	1.486E+02	5.249E+01	5.805E+00	1.790E+00	2.206E+01	1.703E+01	1.217E+00
5.600E+03	2.692E+00	1.565E+02	5.288E+01	5.911E+00	1.813E+00	2.089E+01	1.609E+01	1.224E+00
5.700E+03	2.615E+00	1.639E+02	5.324E+01	6.015E+00	1.837E+00	1.971E+01	1.516E+01	1.231E+00
5.800E+03	2.543E+00	1.709E+02	5.357E+01	6.116E+00	1.852E+00	1.855E+01	1.424E+01	1.238E+00
5.900E+03	2.477E+00	1.775E+02	5.388E+01	6.215E+00	1.870E+00	1.743E+01	1.336E+01	1.245E+00
6.000E+03	2.416E+00	1.837E+02	5.416E+01	6.312E+00	1.885E+00	1.639E+01	1.253E+01	1.252E+00
6.100E+03	2.360E+00	1.895E+02	5.443E+01	6.405E+00	1.899E+00	1.542E+01	1.177E+01	1.259E+00
6.200E+03	2.307E+00	1.950E+02	5.467E+01	6.496E+00	1.911E+00	1.455E+01	1.109E+01	1.266E+00
6.300E+03	2.257E+00	2.002E+02	5.490E+01	6.583E+00	1.921E+00	1.379E+01	1.049E+01	1.272E+00
6.400E+03	2.211E+00	2.051E+02	5.511E+01	6.666E+00	1.931E+00	1.313E+01	9.972E+00	1.278E+00
6.500E+03	2.168E+00	2.098E+02	5.531E+01	6.745E+00	1.939E+00	1.258E+01	9.547E+00	1.283E+00
6.600E+03	2.127E+00	2.143E+02	5.550E+01	6.819E+00	1.947E+00	1.214E+01	9.212E+00	1.286E+00
6.700E+03	2.088E+00	2.187E+02	5.568E+01	6.887E+00	1.954E+00	1.182E+01	8.971E+00	1.288E+00
6.800E+03	2.050E+00	2.230E+02	5.585E+01	6.950E+00	1.960E+00	1.161E+01	8.827E+00	1.288E+00
6.900E+03	2.015E+00	2.272E+02	5.602E+01	7.006E+00	1.966E+00	1.152E+01	8.782E+00	1.287E+00
7.000E+03	1.981E+00	2.314E+02	5.619E+01	7.057E+00	1.971E+00	1.155E+01	8.842E+00	1.283E+00
7.100E+03	1.948E+00	2.357E+02	5.635E+01	7.101E+00	1.976E+00	1.172E+01	9.015E+00	1.278E+00
7.200E+03	1.916E+00	2.400E+02	5.652E+01	7.141E+00	1.981E+00	1.202E+01	9.309E+00	1.271E+00
7.300E+03	1.885E+00	2.445E+02	5.669E+01	7.175E+00	1.985E+00	1.249E+01	9.732E+00	1.263E+00
7.400E+03	1.855E+00	2.492E+02	5.686E+01	7.207E+00	1.991E+00	1.311E+01	1.030E+01	1.253E+00
7.500E+03	1.825E+00	2.542E+02	5.704E+01	7.236E+00	1.997E+00	1.392E+01	1.101E+01	1.243E+00
7.600E+03	1.795E+00	2.594E+02	5.723E+01	7.265E+00	2.003E+00	1.493E+01	1.189E+01	1.237E+00
7.700E+03	1.766E+00	2.651E+02	5.743E+01	7.295E+00	2.009E+00	1.614E+01	1.295E+01	1.223E+00
7.800E+03	1.737E+00	2.713E+02	5.765E+01	7.328E+00	2.017E+00	1.757E+01	1.418E+01	1.213E+00
7.900E+03	1.708E+00	2.780E+02	5.789E+01	7.364E+00	2.026E+00	1.924E+01	1.559E+01	1.205E+00
8.000E+03	1.678E+00	2.854E+02	5.814E+01	7.404E+00	2.035E+00	2.113E+01	1.719E+01	1.197E+00
8.200E+03	1.618E+00	3.025E+02	5.871E+01	7.500E+00	2.059E+00	2.558E+01	2.087E+01	1.184E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.557E+00	3.231E+02	5.939E+01	7.619E+00	2.990E+00	3.080E+01	2.508E+01	1.175E+00
8.600E+03	1.493E+00	3.477E+02	6.018E+01	7.761E+00	2.128E+00	3.648E+01	2.954E+01	1.170E+00
8.800E+03	1.428E+00	3.765E+02	6.109E+01	7.926E+00	2.174E+00	4.220E+01	3.389E+01	1.167E+00
9.000E+03	1.362E+00	4.094E+02	6.210E+01	8.112E+00	2.229E+00	4.746E+01	3.775E+01	1.164E+00
9.200E+03	1.297E+00	4.458E+02	6.319E+01	8.316E+00	2.290E+00	5.177E+01	4.080E+01	1.167E+00
9.400E+03	1.234E+00	4.849E+02	6.434E+01	8.534E+00	2.356E+00	5.472E+01	4.277E+01	1.169E+00
9.600E+03	1.174E+00	5.255E+02	6.551E+01	8.763E+00	2.425E+00	5.608E+01	4.357E+01	1.173E+00
9.800E+03	1.118E+00	5.666E+02	6.666E+01	8.997E+00	2.494E+00	5.582E+01	4.319E+01	1.177E+00
1.000E+04	1.067E+00	6.069E+02	6.778E+01	9.233E+00	2.562E+00	5.413E+01	4.178E+01	1.183E+00
1.020E+04	1.020E+00	6.456E+02	6.882E+01	9.467E+00	2.627E+00	5.130E+01	3.956E+01	1.189E+00
1.040E+04	9.782E-01	6.819E+02	6.978E+01	9.697E+00	2.686E+00	4.774E+01	3.681E+01	1.196E+00
1.060E+04	9.408E-01	7.154E+02	7.066E+01	9.921E+00	2.740E+00	4.385E+01	3.380E+01	1.205E+00
1.080E+04	9.075E-01	7.461E+02	7.144E+01	1.014E+01	2.788E+00	3.994E+01	3.078E+01	1.214E+00
1.100E+04	8.777E-01	7.739E+02	7.214E+01	1.035E+01	2.830E+00	3.627E+01	2.792E+01	1.223E+00
1.120E+04	8.509E-01	7.993E+02	7.276E+01	1.055E+01	2.868E+00	3.298E+01	2.535E+01	1.233E+00
1.140E+04	8.264E-01	8.223E+02	7.327E+01	1.075E+01	2.900E+00	3.016E+01	2.312E+01	1.243E+00
1.160E+04	8.045E-01	8.435E+02	7.382E+01	1.094E+01	2.928E+00	2.781E+01	2.127E+01	1.252E+00
1.180E+04	7.841E-01	8.632E+02	7.428E+01	1.112E+01	2.953E+00	2.592E+01	1.976E+01	1.261E+00
1.200E+04	7.653E-01	8.816E+02	7.470E+01	1.129E+01	2.976E+00	2.445E+01	1.859E+01	1.269E+00
1.220E+04	7.474E-01	8.991E+02	7.510E+01	1.145E+01	2.996E+00	2.335E+01	1.772E+01	1.275E+00
1.240E+04	7.310E-01	9.159E+02	7.547E+01	1.160E+01	3.015E+00	2.257E+01	1.710E+01	1.280E+00
1.260E+04	7.153E-01	9.322E+02	7.583E+01	1.174E+01	3.032E+00	2.207E+01	1.670E+01	1.283E+00
1.280E+04	7.003E-01	9.482E+02	7.617E+01	1.187E+01	3.048E+00	2.180E+01	1.647E+01	1.284E+00
1.300E+04	6.860E-01	9.642E+02	7.651E+01	1.200E+01	3.064E+00	2.173E+01	1.644E+01	1.285E+00
1.320E+04	6.724E-01	9.801E+02	7.684E+01	1.212E+01	3.082E+00	2.182E+01	1.652E+01	1.284E+00
1.340E+04	6.599E-01	9.962E+02	7.717E+01	1.223E+01	3.095E+00	2.206E+01	1.671E+01	1.283E+00
1.360E+04	6.459E-01	1.012E+03	7.750E+01	1.235E+01	3.111E+00	2.242E+01	1.701E+01	1.281E+00
1.380E+04	6.334E-01	1.029E+03	7.783E+01	1.245E+01	3.126E+00	2.288E+01	1.738E+01	1.278E+00
1.400E+04	6.212E-01	1.046E+03	7.817E+01	1.256E+01	3.142E+00	2.344E+01	1.787E+01	1.275E+00
1.420E+04	6.093E-01	1.063E+03	7.850E+01	1.267E+01	3.158E+00	2.407E+01	1.832E+01	1.272E+00
1.440E+04	5.977E-01	1.081E+03	7.884E+01	1.278E+01	3.175E+00	2.477E+01	1.888E+01	1.269E+00
1.460E+04	5.863E-01	1.100E+03	7.919E+01	1.288E+01	3.192E+00	2.553E+01	1.948E+01	1.266E+00
1.480E+04	5.752E-01	1.119E+03	7.954E+01	1.299E+01	3.210E+00	2.635E+01	2.011E+01	1.263E+00
1.500E+04	5.643E-01	1.138E+03	7.990E+01	1.310E+01	3.229E+00	2.721E+01	2.078E+01	1.260E+00
1.520E+04	5.535E-01	1.158E+03	8.027E+01	1.321E+01	3.248E+00	2.812E+01	2.148E+01	1.257E+00
1.540E+04	5.430E-01	1.179E+03	8.064E+01	1.333E+01	3.268E+00	2.906E+01	2.221E+01	1.255E+00
1.560E+04	5.327E-01	1.201E+03	8.102E+01	1.344E+01	3.289E+00	3.004E+01	2.296E+01	1.252E+00
1.580E+04	5.225E-01	1.223E+03	8.141E+01	1.356E+01	3.310E+00	3.106E+01	2.373E+01	1.250E+00
1.600E+04	5.125E-01	1.247E+03	8.181E+01	1.368E+01	3.332E+00	3.210E+01	2.451E+01	1.247E+00
1.620E+04	5.027E-01	1.270E+03	8.222E+01	1.380E+01	3.356E+00	3.317E+01	2.531E+01	1.245E+00
1.640E+04	4.930E-01	1.295E+03	8.263E+01	1.392E+01	3.380E+00	3.426E+01	2.612E+01	1.243E+00
1.660E+04	4.835E-01	1.321E+03	8.305E+01	1.405E+01	3.405E+00	3.537E+01	2.694E+01	1.241E+00
1.680E+04	4.742E-01	1.347E+03	8.348E+01	1.418E+01	3.430E+00	3.650E+01	2.777E+01	1.240E+00
1.700E+04	4.650E-01	1.374E+03	8.392E+01	1.431E+01	3.457E+00	3.765E+01	2.860E+01	1.238E+00
1.720E+04	4.559E-01	1.402E+03	8.437E+01	1.444E+01	3.485E+00	3.881E+01	2.944E+01	1.237E+00
1.740E+04	4.470E-01	1.431E+03	8.482E+01	1.458E+01	3.513E+00	3.998E+01	3.028E+01	1.235E+00
1.760E+04	4.383E-01	1.461E+03	8.529E+01	1.471E+01	3.543E+00	4.115E+01	3.111E+01	1.234E+00
1.780E+04	4.297E-01	1.491E+03	8.576E+01	1.485E+01	3.573E+00	4.233E+01	3.194E+01	1.233E+00
1.800E+04	4.212E-01	1.523E+03	8.624E+01	1.500E+01	3.604E+00	4.350E+01	3.276E+01	1.232E+00
1.820E+04	4.129E-01	1.555E+03	8.672E+01	1.514E+01	3.636E+00	4.468E+01	3.358E+01	1.232E+00
1.840E+04	4.047E-01	1.588E+03	8.722E+01	1.529E+01	3.669E+00	4.584E+01	3.438E+01	1.231E+00
1.860E+04	3.967E-01	1.622E+03	8.772E+01	1.544E+01	3.703E+00	4.700E+01	3.517E+01	1.231E+00
1.880E+04	3.888E-01	1.657E+03	8.823E+01	1.560E+01	3.738E+00	4.814E+01	3.594E+01	1.230E+00
1.900E+04	3.811E-01	1.692E+03	8.875E+01	1.575E+01	3.774E+00	4.926E+01	3.669E+01	1.230E+00
1.920E+04	3.736E-01	1.729E+03	8.927E+01	1.591E+01	3.810E+00	5.035E+01	3.742E+01	1.230E+00
1.940E+04	3.661E-01	1.766E+03	8.979E+01	1.607E+01	3.847E+00	5.142E+01	3.812E+01	1.230E+00
1.960E+04	3.589E-01	1.804E+03	9.033E+01	1.623E+01	3.885E+00	5.245E+01	3.879E+01	1.230E+00
1.980E+04	3.517E-01	1.843E+03	9.086E+01	1.640E+01	3.924E+00	5.344E+01	3.943E+01	1.230E+00
2.000E+04	3.448E-01	1.883E+03	9.141E+01	1.657E+01	3.963E+00	5.439E+01	4.003E+01	1.231E+00
2.020E+04	3.379E-01	1.923E+03	9.195E+01	1.673E+01	4.003E+00	5.529E+01	4.060E+01	1.231E+00
2.040E+04	3.313E-01	1.963E+03	9.250E+01	1.691E+01	4.044E+00	5.614E+01	4.112E+01	1.232E+00
2.060E+04	3.248E-01	2.005E+03	9.305E+01	1.708E+01	4.085E+00	5.693E+01	4.160E+01	1.232E+00
2.080E+04	3.184E-01	2.047E+03	9.361E+01	1.726E+01	4.126E+00	5.766E+01	4.203E+01	1.233E+00
2.100E+04	3.122E-01	2.089E+03	9.416E+01	1.743E+01	4.168E+00	5.832E+01	4.242E+01	1.234E+00
2.120E+04	3.061E-01	2.132E+03	9.472E+01	1.761E+01	4.211E+00	5.891E+01	4.275E+01	1.235E+00
2.140E+04	3.002E-01	2.176E+03	9.527E+01	1.779E+01	4.253E+00	5.942E+01	4.303E+01	1.236E+00
2.160E+04	2.945E-01	2.219E+03	9.583E+01	1.797E+01	4.296E+00	5.986E+01	4.326E+01	1.238E+00
2.180E+04	2.889E-01	2.263E+03	9.638E+01	1.816E+01	4.339E+00	6.022E+01	4.343E+01	1.239E+00
2.200E+04	2.835E-01	2.307E+03	9.693E+01	1.834E+01	4.382E+00	6.050E+01	4.355E+01	1.240E+00
2.220E+04	2.782E-01	2.352E+03	9.748E+01	1.853E+01	4.425E+00	6.069E+01	4.361E+01	1.242E+00
2.240E+04	2.730E-01	2.396E+03	9.803E+01	1.871E+01	4.468E+00	6.080E+01	4.361E+01	1.244E+00
2.260E+04	2.680E-01	2.441E+03	9.857E+01	1.890E+01	4.511E+00	6.083E+01	4.356E+01	1.245E+00
2.280E+04	2.632E-01	2.485E+03	9.910E+01	1.908E+01	4.554E+00	6.077E+01	4.345E+01	1.247E+00
2.300E+04	2.585E-01	2.530E+03	9.963E+01	1.927E+01	4.596E+00	6.063E+01	4.329E+01	1.249E+00
2.320E+04	2.540E-01	2.574E+03	1.002E+02	1.946E+01	4.638E+00	6.042E+01	4.308E+01	1.251E+00
2.340E+04	2.495E-01	2.618E+03	1.007E+02	1.965E+01	4.680E+00	6.012E+01	4.282E+01	1.253E+00
2.360E+04	2.453E-01	2.662E+03	1.012E+02	1.984E+01	4.721E+00	5.976E+01	4.251E+01	1.255E+00
2.380E+04	2.411E-01	2.706E+03	1.017E+02	2.002E+01	4.762E+00	5.933E+01	4.216E+01	1.258E+00
2.400E+04	2.371E-01	2.749E+03	1.022E+02	2.021E+01	4.802E+00	5.883E+01	4.177E+01	1.260E+00
2.420E+04	2.333E-01	2.792E+03	1.027E+02	2.040E+01	4.841E+00	5.828E+01	4.134E+01	1.262E+00
2.440E+04	2.295E-01	2.834E+03	1.031E+02	2.058E+01	4.880E+00	5.767E+01	4.088E+01	1.265E+00
2.460E+04	2.259E-01	2.876E+03	1.036E+02	2.077E+01	4.918E+00	5.701E+01	4.038E+01	1.267E+00
2.480E+04	2.224E-01	2.918E+03	1.041E+02	2.095E+01	4.955E+00	5.631E+01	3.986E+01	1.270E+00
2.500E+04	2.190E-01	2.959E+03	1.045E+02	2.113E+01	4.991E+00	5.558E+01	3.932E+01	1.272E+00



Table I. - Continued.

P/P0 = 2.00E+02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E+02	-1.718E+02	1.622E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E+02	-1.705E+02	1.874E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E+02	-1.690E+02	2.043E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E+02	-1.672E+02	2.179E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.093E+02	-1.653E+02	2.294E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E+01	-1.633E+02	2.395E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E+01	-1.612E+02	2.484E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E+01	-1.590E+02	2.565E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E+01	-1.567E+02	2.639E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E+01	-1.543E+02	2.707E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	4.969E+01	-1.519E+02	2.770E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	4.555E+01	-1.494E+02	2.828E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	4.204E+01	-1.470E+02	2.882E+01	2.070E+00	1.000E+00	6.835E+00	5.835E+00	1.171E+00
1.400E+03	3.904E+01	-1.444E+02	2.933E+01	2.146E+00	1.000E+00	6.916E+00	5.916E+00	1.169E+00
1.500E+03	3.643E+01	-1.419E+02	2.981E+01	2.219E+00	1.000E+00	6.992E+00	5.992E+00	1.167E+00
1.600E+03	3.416E+01	-1.393E+02	3.027E+01	2.290E+00	1.000E+00	7.073E+00	6.073E+00	1.165E+00
1.700E+03	3.214E+01	-1.367E+02	3.070E+01	2.359E+00	1.000E+00	7.167E+00	6.167E+00	1.163E+00
1.800E+03	3.035E+01	-1.341E+02	3.111E+01	2.425E+00	1.000E+00	7.268E+00	6.278E+00	1.161E+00
1.900E+03	2.874E+01	-1.314E+02	3.151E+01	2.489E+00	1.001E+00	7.448E+00	6.431E+00	1.158E+00
2.000E+03	2.729E+01	-1.286E+02	3.190E+01	2.551E+00	1.001E+00	7.664E+00	6.634E+00	1.155E+00
2.100E+03	2.597E+01	-1.258E+02	3.228E+01	2.611E+00	1.002E+00	7.950E+00	6.901E+00	1.151E+00
2.200E+03	2.475E+01	-1.228E+02	3.265E+01	2.669E+00	1.004E+00	8.322E+00	7.246E+00	1.147E+00
2.300E+03	2.363E+01	-1.196E+02	3.303E+01	2.727E+00	1.006E+00	8.791E+00	7.678E+00	1.143E+00
2.400E+03	2.259E+01	-1.163E+02	3.342E+01	2.784E+00	1.008E+00	9.370E+00	8.207E+00	1.139E+00
2.500E+03	2.160E+01	-1.128E+02	3.382E+01	2.841E+00	1.012E+00	1.706E+01	8.837E+00	1.135E+00
2.600E+03	2.067E+01	-1.089E+02	3.423E+01	2.900E+00	1.017E+00	1.008E+01	9.567E+00	1.131E+00
2.700E+03	1.979E+01	-1.048E+02	3.465E+01	2.960E+00	1.023E+00	1.181E+01	1.039E+01	1.128E+00
2.800E+03	1.894E+01	-1.003E+02	3.510E+01	3.022E+00	1.030E+00	1.285E+01	1.131E+01	1.125E+00
2.900E+03	1.813E+01	-9.537E+01	3.557E+01	3.087E+00	1.040E+00	1.398E+01	1.229E+01	1.123E+00
3.000E+03	1.734E+01	-9.004E+01	3.607E+01	3.155E+00	1.051E+00	1.519E+01	1.333E+01	1.122E+00
3.100E+03	1.657E+01	-8.424E+01	3.658E+01	3.226E+00	1.064E+00	1.644E+01	1.439E+01	1.122E+00
3.200E+03	1.583E+01	-7.798E+01	3.713E+01	3.301E+00	1.079E+00	1.775E+01	1.546E+01	1.122E+00
3.300E+03	1.512E+01	-7.124E+01	3.769E+01	3.379E+00	1.096E+00	1.904E+01	1.651E+01	1.123E+00
3.400E+03	1.442E+01	-6.404E+01	3.828E+01	3.462E+00	1.115E+00	2.030E+01	1.750E+01	1.124E+00
3.500E+03	1.375E+01	-5.639E+01	3.889E+01	3.548E+00	1.136E+00	2.149E+01	1.842E+01	1.126E+00
3.600E+03	1.311E+01	-4.832E+01	3.951E+01	3.637E+00	1.158E+00	2.258E+01	1.924E+01	1.128E+00
3.700E+03	1.249E+01	-3.986E+01	4.014E+01	3.730E+00	1.183E+00	2.356E+01	1.995E+01	1.130E+00
3.800E+03	1.190E+01	-3.108E+01	4.078E+01	3.826E+00	1.208E+00	2.441E+01	2.053E+01	1.133E+00
3.900E+03	1.134E+01	-2.201E+01	4.142E+01	3.925E+00	1.236E+00	2.511E+01	2.099E+01	1.136E+00
4.000E+03	1.081E+01	-1.271E+01	4.207E+01	4.026E+00	1.264E+00	2.567E+01	2.132E+01	1.140E+00
4.100E+03	1.031E+01	-3.227E+00	4.271E+01	4.129E+00	1.293E+00	2.609E+01	2.154E+01	1.143E+00
4.200E+03	9.840E+00	6.387E+00	4.334E+01	4.234E+00	1.322E+00	2.640E+01	2.166E+01	1.147E+00
4.300E+03	9.397E+00	1.609E+01	4.396E+01	4.340E+00	1.353E+00	2.659E+01	2.169E+01	1.151E+00
4.400E+03	8.981E+00	2.585E+01	4.458E+01	4.447E+00	1.383E+00	2.670E+01	2.165E+01	1.155E+00
4.500E+03	8.591E+00	3.564E+01	4.518E+01	4.556E+00	1.414E+00	2.672E+01	2.155E+01	1.160E+00
4.600E+03	8.225E+00	4.542E+01	4.576E+01	4.666E+00	1.445E+00	2.669E+01	2.141E+01	1.164E+00
4.700E+03	7.882E+00	5.517E+01	4.634E+01	4.774E+00	1.475E+00	2.659E+01	2.121E+01	1.168E+00
4.800E+03	7.562E+00	6.488E+01	4.690E+01	4.883E+00	1.506E+00	2.643E+01	2.098E+01	1.173E+00
4.900E+03	7.261E+00	7.452E+01	4.744E+01	4.993E+00	1.536E+00	2.621E+01	2.071E+01	1.178E+00
5.000E+03	6.980E+00	8.407E+01	4.796E+01	5.103E+00	1.566E+00	2.593E+01	2.039E+01	1.182E+00
5.100E+03	6.716E+00	9.350E+01	4.848E+01	5.213E+00	1.596E+00	2.557E+01	2.002E+01	1.187E+00
5.200E+03	6.470E+00	1.028E+02	4.897E+01	5.322E+00	1.624E+00	2.513E+01	1.960E+01	1.192E+00
5.300E+03	6.240E+00	1.119E+02	4.944E+01	5.431E+00	1.653E+00	2.461E+01	1.912E+01	1.197E+00
5.400E+03	6.025E+00	1.208E+02	4.990E+01	5.539E+00	1.680E+00	2.401E+01	1.859E+01	1.202E+00
5.500E+03	5.824E+00	1.295E+02	5.033E+01	5.645E+00	1.706E+00	2.332E+01	1.801E+01	1.207E+00
5.600E+03	5.637E+00	1.379E+02	5.074E+01	5.751E+00	1.731E+00	2.256E+01	1.737E+01	1.213E+00
5.700E+03	5.463E+00	1.460E+02	5.114E+01	5.856E+00	1.755E+00	2.173E+01	1.669E+01	1.218E+00
5.800E+03	5.301E+00	1.538E+02	5.151E+01	5.959E+00	1.778E+00	2.086E+01	1.599E+01	1.224E+00
5.900E+03	5.150E+00	1.613E+02	5.186E+01	6.060E+00	1.799E+00	1.995E+01	1.526E+01	1.230E+00
6.000E+03	5.010E+00	1.684E+02	5.218E+01	6.159E+00	1.818E+00	1.903E+01	1.453E+01	1.236E+00
6.100E+03	4.880E+00	1.752E+02	5.249E+01	6.256E+00	1.836E+00	1.812E+01	1.381E+01	1.242E+00
6.200E+03	4.758E+00	1.817E+02	5.278E+01	6.351E+00	1.853E+00	1.723E+01	1.311E+01	1.248E+00
6.300E+03	4.645E+00	1.878E+02	5.305E+01	6.444E+00	1.868E+00	1.638E+01	1.245E+01	1.254E+00
6.400E+03	4.539E+00	1.937E+02	5.330E+01	6.533E+00	1.881E+00	1.559E+01	1.183E+01	1.260E+00
6.500E+03	4.440E+00	1.992E+02	5.354E+01	6.621E+00	1.894E+00	1.486E+01	1.126E+01	1.266E+00
6.600E+03	4.347E+00	2.046E+02	5.376E+01	6.705E+00	1.905E+00	1.420E+01	1.076E+01	1.271E+00
6.700E+03	4.259E+00	2.097E+02	5.397E+01	6.785E+00	1.915E+00	1.362E+01	1.031E+01	1.275E+00
6.800E+03	4.176E+00	2.145E+02	5.416E+01	6.862E+00	1.924E+00	1.313E+01	9.942E+00	1.279E+00
6.900E+03	4.098E+00	2.193E+02	5.435E+01	6.934E+00	1.933E+00	1.273E+01	9.643E+00	1.282E+00
7.000E+03	4.024E+00	2.239E+02	5.453E+01	7.002E+00	1.940E+00	1.243E+01	9.421E+00	1.283E+00
7.100E+03	3.953E+00	2.284E+02	5.471E+01	7.064E+00	1.947E+00	1.222E+01	9.281E+00	1.283E+00
7.200E+03	3.885E+00	2.328E+02	5.488E+01	7.122E+00	1.954E+00	1.211E+01	9.226E+00	1.282E+00
7.300E+03	3.820E+00	2.373E+02	5.505E+01	7.174E+00	1.960E+00	1.212E+01	9.262E+00	1.279E+00
7.400E+03	3.757E+00	2.417E+02	5.521E+01	7.222E+00	1.966E+00	1.223E+01	9.394E+00	1.275E+00
7.500E+03	3.697E+00	2.463E+02	5.538E+01	7.264E+00	1.971E+00	1.247E+01	9.628E+00	1.269E+00
7.600E+03	3.638E+00	2.509E+02	5.555E+01	7.303E+00	1.977E+00	1.284E+01	9.972E+00	1.262E+00
7.700E+03	3.580E+00	2.557E+02	5.572E+01	7.339E+00	1.983E+00	1.335E+01	1.043E+01	1.254E+00
7.800E+03	3.524E+00	2.607E+02	5.589E+01	7.373E+00	1.989E+00	1.401E+01	1.102E+01	1.246E+00
7.900E+03	3.468E+00	2.660E+02	5.608E+01	7.406E+00	1.995E+00	1.483E+01	1.174E+01	1.237E+00
8.000E+03	3.413E+00	2.716E+02	5.627E+01	7.439E+00	2.002E+00	1.581E+01	1.259E+01	1.228E+00
8.200E+03	3.304E+00	2.840E+02	5.669E+01	7.511E+00	2.017E+00	1.831E+01	1.473E+01	1.212E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	3.195E+00	2.986E+02	5.717E+01	7.595E+00	2.037E+00	2.154E+01	1.742E+01	1.199E+00
8.600E+03	3.084E+00	3.157E+02	5.772E+01	7.696E+00	2.061E+00	2.544E+01	2.062E+01	1.188E+00
8.800E+03	2.971E+00	3.360E+02	5.835E+01	7.816E+00	2.090E+00	2.988E+01	2.416E+01	1.181E+00
9.000E+03	2.856E+00	3.596E+02	5.908E+01	7.956E+00	2.127E+00	3.462E+01	2.785E+01	1.176E+00
9.200E+03	2.739E+00	3.867E+02	5.989E+01	8.116E+00	2.169E+00	3.936E+01	3.142E+01	1.173E+00
9.400E+03	2.621E+00	4.171E+02	6.079E+01	8.293E+00	2.218E+00	4.373E+01	3.461E+01	1.172E+00
9.600E+03	2.504E+00	4.506E+02	6.175E+01	8.487E+00	2.273E+00	4.739E+01	3.719E+01	1.173E+00
9.800E+03	2.391E+00	4.863E+02	6.275E+01	8.693E+00	2.332E+00	5.007E+01	3.898E+01	1.175E+00
1.000E+04	2.283E+00	5.236E+02	6.378E+01	8.909E+00	2.394E+00	5.158E+01	3.990E+01	1.178E+00
1.020E+04	2.180E+00	5.615E+02	6.481E+01	9.131E+00	2.458E+00	5.187E+01	3.993E+01	1.182E+00
1.040E+04	2.085E+00	5.993E+02	6.581E+01	9.356E+00	2.520E+00	5.101E+01	3.914E+01	1.187E+00
1.060E+04	1.998E+00	6.360E+02	6.677E+01	9.581E+00	2.581E+00	4.920E+01	3.767E+01	1.193E+00
1.080E+04	1.919E+00	6.711E+02	6.766E+01	9.804E+00	2.638E+00	4.666E+01	3.569E+01	1.199E+00
1.100E+04	1.847E+00	7.042E+02	6.849E+01	1.002E+01	2.691E+00	4.368E+01	3.340E+01	1.207E+00
1.120E+04	1.782E+00	7.351E+02	6.925E+01	1.024E+01	2.739E+00	4.051E+01	3.096E+01	1.214E+00
1.140E+04	1.723E+00	7.636E+02	6.994E+01	1.045E+01	2.782E+00	3.736E+01	2.854E+01	1.223E+00
1.160E+04	1.670E+00	7.898E+02	7.056E+01	1.065E+01	2.821E+00	3.439E+01	2.624E+01	1.232E+00
1.180E+04	1.622E+00	8.140E+02	7.113E+01	1.084E+01	2.856E+00	3.171E+01	2.416E+01	1.240E+00
1.200E+04	1.578E+00	8.363E+02	7.164E+01	1.103E+01	2.887E+00	2.935E+01	2.232E+01	1.249E+00
1.220E+04	1.537E+00	8.570E+02	7.211E+01	1.121E+01	2.914E+00	2.735E+01	2.076E+01	1.257E+00
1.240E+04	1.500E+00	8.764E+02	7.254E+01	1.139E+01	2.938E+00	2.569E+01	1.944E+01	1.265E+00
1.260E+04	1.465E+00	8.948E+02	7.294E+01	1.155E+01	2.960E+00	2.436E+01	1.842E+01	1.272E+00
1.280E+04	1.433E+00	9.122E+02	7.331E+01	1.171E+01	2.980E+00	2.333E+01	1.761E+01	1.277E+00
1.300E+04	1.402E+00	9.290E+02	7.367E+01	1.185E+01	2.999E+00	2.255E+01	1.700E+01	1.281E+00
1.320E+04	1.373E+00	9.453E+02	7.401E+01	1.199E+01	3.016E+00	2.201E+01	1.658E+01	1.284E+00
1.340E+04	1.345E+00	9.612E+02	7.434E+01	1.212E+01	3.032E+00	2.166E+01	1.632E+01	1.286E+00
1.360E+04	1.319E+00	9.770E+02	7.466E+01	1.225E+01	3.047E+00	2.149E+01	1.619E+01	1.287E+00
1.380E+04	1.293E+00	9.927E+02	7.497E+01	1.237E+01	3.062E+00	2.146E+01	1.619E+01	1.287E+00
1.400E+04	1.269E+00	1.008E+03	7.528E+01	1.248E+01	3.077E+00	2.156E+01	1.628E+01	1.286E+00
1.420E+04	1.245E+00	1.024E+03	7.559E+01	1.259E+01	3.091E+00	2.178E+01	1.646E+01	1.284E+00
1.440E+04	1.222E+00	1.040E+03	7.589E+01	1.270E+01	3.106E+00	2.208E+01	1.671E+01	1.282E+00
1.460E+04	1.200E+00	1.057E+03	7.620E+01	1.280E+01	3.120E+00	2.247E+01	1.703E+01	1.279E+00
1.480E+04	1.178E+00	1.073E+03	7.651E+01	1.291E+01	3.135E+00	2.293E+01	1.741E+01	1.276E+00
1.500E+04	1.157E+00	1.090E+03	7.682E+01	1.301E+01	3.150E+00	2.346E+01	1.783E+01	1.274E+00
1.520E+04	1.136E+00	1.108E+03	7.713E+01	1.311E+01	3.165E+00	2.404E+01	1.829E+01	1.271E+00
1.540E+04	1.116E+00	1.126E+03	7.745E+01	1.322E+01	3.181E+00	2.467E+01	1.879E+01	1.268E+00
1.560E+04	1.096E+00	1.144E+03	7.778E+01	1.332E+01	3.197E+00	2.534E+01	1.932E+01	1.265E+00
1.580E+04	1.077E+00	1.163E+03	7.810E+01	1.342E+01	3.213E+00	2.606E+01	1.988E+01	1.262E+00
1.600E+04	1.057E+00	1.182E+03	7.844E+01	1.353E+01	3.230E+00	2.680E+01	2.046E+01	1.259E+00
1.620E+04	1.039E+00	1.202E+03	7.877E+01	1.364E+01	3.248E+00	2.758E+01	2.107E+01	1.256E+00
1.640E+04	1.020E+00	1.222E+03	7.912E+01	1.374E+01	3.266E+00	2.839E+01	2.169E+01	1.254E+00
1.660E+04	1.002E+00	1.243E+03	7.947E+01	1.385E+01	3.285E+00	2.922E+01	2.232E+01	1.251E+00
1.680E+04	9.845E-01	1.265E+03	7.982E+01	1.397E+01	3.304E+00	3.008E+01	2.297E+01	1.249E+00
1.700E+04	9.671E-01	1.288E+03	8.018E+01	1.408E+01	3.324E+00	3.095E+01	2.363E+01	1.247E+00
1.720E+04	9.499E-01	1.311E+03	8.055E+01	1.420E+01	3.345E+00	3.184E+01	2.430E+01	1.245E+00
1.740E+04	9.331E-01	1.334E+03	8.092E+01	1.431E+01	3.366E+00	3.275E+01	2.498E+01	1.243E+00
1.760E+04	9.165E-01	1.358E+03	8.130E+01	1.443E+01	3.388E+00	3.367E+01	2.566E+01	1.242E+00
1.780E+04	9.001E-01	1.383E+03	8.169E+01	1.455E+01	3.411E+00	3.461E+01	2.634E+01	1.240E+00
1.800E+04	8.840E-01	1.409E+03	8.208E+01	1.468E+01	3.435E+00	3.555E+01	2.703E+01	1.239E+00
1.820E+04	8.682E-01	1.436E+03	8.248E+01	1.480E+01	3.459E+00	3.650E+01	2.771E+01	1.237E+00
1.840E+04	8.527E-01	1.463E+03	8.288E+01	1.493E+01	3.484E+00	3.745E+01	2.839E+01	1.236E+00
1.860E+04	8.373E-01	1.490E+03	8.329E+01	1.506E+01	3.509E+00	3.841E+01	2.907E+01	1.235E+00
1.880E+04	8.223E-01	1.519E+03	8.371E+01	1.519E+01	3.535E+00	3.937E+01	2.975E+01	1.234E+00
1.900E+04	8.075E-01	1.548E+03	8.413E+01	1.532E+01	3.562E+00	4.032E+01	3.042E+01	1.233E+00
1.920E+04	7.929E-01	1.578E+03	8.456E+01	1.546E+01	3.590E+00	4.127E+01	3.108E+01	1.233E+00
1.940E+04	7.786E-01	1.608E+03	8.499E+01	1.560E+01	3.618E+00	4.222E+01	3.173E+01	1.232E+00
1.960E+04	7.645E-01	1.640E+03	8.543E+01	1.574E+01	3.648E+00	4.315E+01	3.236E+01	1.232E+00
1.980E+04	7.506E-01	1.672E+03	8.587E+01	1.588E+01	3.677E+00	4.408E+01	3.299E+01	1.231E+00
2.000E+04	7.370E-01	1.704E+03	8.632E+01	1.602E+01	3.708E+00	4.499E+01	3.359E+01	1.231E+00
2.020E+04	7.237E-01	1.738E+03	8.677E+01	1.617E+01	3.739E+00	4.588E+01	3.418E+01	1.231E+00
2.040E+04	7.106E-01	1.771E+03	8.723E+01	1.632E+01	3.770E+00	4.675E+01	3.475E+01	1.231E+00
2.060E+04	6.977E-01	1.806E+03	8.769E+01	1.647E+01	3.803E+00	4.760E+01	3.530E+01	1.231E+00
2.080E+04	6.851E-01	1.841E+03	8.815E+01	1.662E+01	3.835E+00	4.842E+01	3.582E+01	1.231E+00
2.100E+04	6.727E-01	1.877E+03	8.862E+01	1.678E+01	3.869E+00	4.921E+01	3.632E+01	1.232E+00
2.120E+04	6.606E-01	1.913E+03	8.909E+01	1.693E+01	3.903E+00	4.997E+01	3.679E+01	1.232E+00
2.140E+04	6.487E-01	1.950E+03	8.956E+01	1.709E+01	3.937E+00	5.069E+01	3.724E+01	1.233E+00
2.160E+04	6.370E-01	1.987E+03	9.003E+01	1.725E+01	3.972E+00	5.138E+01	3.765E+01	1.233E+00
2.180E+04	6.256E-01	2.025E+03	9.051E+01	1.741E+01	4.008E+00	5.203E+01	3.803E+01	1.234E+00
2.200E+04	6.144E-01	2.064E+03	9.099E+01	1.758E+01	4.043E+00	5.263E+01	3.838E+01	1.235E+00
2.220E+04	6.035E-01	2.102E+03	9.147E+01	1.774E+01	4.079E+00	5.319E+01	3.870E+01	1.236E+00
2.240E+04	5.928E-01	2.142E+03	9.195E+01	1.791E+01	4.116E+00	5.370E+01	3.898E+01	1.237E+00
2.260E+04	5.824E-01	2.181E+03	9.243E+01	1.808E+01	4.153E+00	5.415E+01	3.922E+01	1.238E+00
2.280E+04	5.722E-01	2.221E+03	9.291E+01	1.825E+01	4.190E+00	5.456E+01	3.942E+01	1.239E+00
2.300E+04	5.622E-01	2.261E+03	9.338E+01	1.842E+01	4.227E+00	5.491E+01	3.959E+01	1.240E+00
2.320E+04	5.525E-01	2.301E+03	9.386E+01	1.859E+01	4.264E+00	5.521E+01	3.972E+01	1.242E+00
2.340E+04	5.430E-01	2.342E+03	9.434E+01	1.876E+01	4.301E+00	5.545E+01	3.981E+01	1.243E+00
2.360E+04	5.337E-01	2.382E+03	9.481E+01	1.894E+01	4.339E+00	5.564E+01	3.987E+01	1.245E+00
2.380E+04	5.247E-01	2.423E+03	9.528E+01	1.911E+01	4.376E+00	5.577E+01	3.988E+01	1.246E+00
2.400E+04	5.159E-01	2.464E+03	9.575E+01	1.929E+01	4.414E+00	5.584E+01	3.986E+01	1.248E+00
2.420E+04	5.074E-01	2.505E+03	9.621E+01	1.946E+01	4.451E+00	5.586E+01	3.980E+01	1.250E+00
2.440E+04	4.991E-01	2.546E+03	9.667E+01	1.964E+01	4.488E+00	5.583E+01	3.971E+01	1.252E+00
2.460E+04	4.910E-01	2.587E+03	9.712E+01	1.981E+01	4.525E+00	5.573E+01	3.958E+01	1.254E+00
2.480E+04	4.831E-01	2.627E+03	9.757E+01	1.999E+01	4.562E+00	5.559E+01	3.941E+01	1.256E+00
2.500E+04	4.754E-01	2.668E+03	9.802E+01	2.017E+01	4.599E+00	5.540E+01	3.922E+01	1.258E+00

Table I. - Continued.

P/P0 = 3.00E+02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E+02	-1.718E+02	1.581E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E+02	-1.705E+02	1.833E+01	8.702E-01	1.000E+00	3.691E+00	2.891E+00	1.346E+00
3.000E+02	2.733E+02	-1.690E+02	2.002E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E+02	-1.672E+02	2.138E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E+02	-1.653E+02	2.253E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E+02	-1.633E+02	2.354E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E+02	-1.612E+02	2.444E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E+02	-1.590E+02	2.525E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E+01	-1.567E+02	2.599E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E+01	-1.543E+02	2.666E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	7.453E+01	-1.519E+02	2.729E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	6.832E+01	-1.494E+02	2.787E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	6.306E+01	-1.470E+02	2.842E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.171E+00
1.400E+03	5.856E+01	-1.444E+02	2.893E+01	2.146E+00	1.000E+00	6.915E+00	5.915E+00	1.169E+00
1.500E+03	5.465E+01	-1.419E+02	2.941E+01	2.219E+00	1.000E+00	6.990E+00	5.990E+00	1.167E+00
1.600E+03	5.123E+01	-1.393E+02	2.986E+01	2.290E+00	1.000E+00	7.067E+00	6.067E+00	1.165E+00
1.700E+03	4.822E+01	-1.367E+02	3.029E+01	2.359E+00	1.000E+00	7.156E+00	6.156E+00	1.163E+00
1.800E+03	4.553E+01	-1.341E+02	3.070E+01	2.425E+00	1.000E+00	7.266E+00	6.258E+00	1.161E+00
1.900E+03	4.312E+01	-1.314E+02	3.110E+01	2.489E+00	1.001E+00	7.411E+00	6.395E+00	1.159E+00
2.000E+03	4.094E+01	-1.286E+02	3.148E+01	2.551E+00	1.001E+00	7.603E+00	6.577E+00	1.156E+00
2.100E+03	3.896E+01	-1.258E+02	3.186E+01	2.612E+00	1.002E+00	7.856E+00	6.814E+00	1.152E+00
2.200E+03	3.715E+01	-1.229E+02	3.223E+01	2.670E+00	1.003E+00	8.184E+00	7.118E+00	1.149E+00
2.300E+03	3.547E+01	-1.198E+02	3.261E+01	2.728E+00	1.005E+00	8.598E+00	7.499E+00	1.145E+00
2.400E+03	3.391E+01	-1.166E+02	3.298E+01	2.785E+00	1.007E+00	9.107E+00	7.965E+00	1.141E+00
2.500E+03	3.245E+01	-1.131E+02	3.337E+01	2.842E+00	1.010E+00	9.718E+00	8.519E+00	1.137E+00
2.600E+03	3.108E+01	-1.095E+02	3.376E+01	2.900E+00	1.015E+00	1.043E+01	9.163E+00	1.133E+00
2.700E+03	2.977E+01	-1.055E+02	3.417E+01	2.959E+00	1.020E+00	1.125E+01	9.893E+00	1.130E+00
2.800E+03	2.852E+01	-1.012E+02	3.460E+01	3.020E+00	1.027E+00	1.217E+01	1.070E+01	1.128E+00
2.900E+03	2.732E+01	-9.656E+01	3.504E+01	3.083E+00	1.035E+00	1.318E+01	1.158E+01	1.126E+00
3.000E+03	2.616E+01	-9.154E+01	3.550E+01	3.148E+00	1.045E+00	1.426E+01	1.251E+01	1.124E+00
3.100E+03	2.504E+01	-8.611E+01	3.599E+01	3.217E+00	1.056E+00	1.539E+01	1.347E+01	1.124E+00
3.200E+03	2.396E+01	-8.026E+01	3.650E+01	3.288E+00	1.069E+00	1.656E+01	1.444E+01	1.124E+00
3.300E+03	2.291E+01	-7.398E+01	3.703E+01	3.364E+00	1.084E+00	1.774E+01	1.541E+01	1.124E+00
3.400E+03	2.190E+01	-6.727E+01	3.757E+01	3.442E+00	1.101E+00	1.891E+01	1.634E+01	1.125E+00
3.500E+03	2.092E+01	-6.014E+01	3.814E+01	3.524E+00	1.120E+00	2.002E+01	1.721E+01	1.126E+00
3.600E+03	1.997E+01	-5.262E+01	3.872E+01	3.609E+00	1.140E+00	2.107E+01	1.801E+01	1.128E+00
3.700E+03	1.907E+01	-4.473E+01	3.931E+01	3.698E+00	1.162E+00	2.203E+01	1.871E+01	1.131E+00
3.800E+03	1.820E+01	-3.650E+01	3.991E+01	3.789E+00	1.186E+00	2.287E+01	1.931E+01	1.133E+00
3.900E+03	1.737E+01	-2.799E+01	4.051E+01	3.884E+00	1.210E+00	2.360E+01	1.980E+01	1.136E+00
4.000E+03	1.658E+01	-1.923E+01	4.111E+01	3.980E+00	1.236E+00	2.421E+01	2.018E+01	1.139E+00
4.100E+03	1.583E+01	-1.028E+01	4.172E+01	4.079E+00	1.263E+00	2.468E+01	2.046E+01	1.143E+00
4.200E+03	1.513E+01	-1.169E+00	4.232E+01	4.180E+00	1.290E+00	2.505E+01	2.063E+01	1.146E+00
4.300E+03	1.446E+01	8.052E+00	4.291E+01	4.282E+00	1.318E+00	2.530E+01	2.072E+01	1.150E+00
4.400E+03	1.384E+01	1.735E+01	4.349E+01	4.386E+00	1.347E+00	2.547E+01	2.074E+01	1.154E+00
4.500E+03	1.325E+01	2.669E+01	4.407E+01	4.490E+00	1.375E+00	2.555E+01	2.069E+01	1.158E+00
4.600E+03	1.269E+01	3.605E+01	4.463E+01	4.595E+00	1.404E+00	2.557E+01	2.059E+01	1.162E+00
4.700E+03	1.217E+01	4.541E+01	4.518E+01	4.701E+00	1.433E+00	2.553E+01	2.045E+01	1.166E+00
4.800E+03	1.168E+01	5.474E+01	4.572E+01	4.807E+00	1.462E+00	2.544E+01	2.028E+01	1.171E+00
4.900E+03	1.122E+01	6.404E+01	4.624E+01	4.914E+00	1.491E+00	2.530E+01	2.007E+01	1.175E+00
5.000E+03	1.079E+01	7.327E+01	4.675E+01	5.020E+00	1.519E+00	2.512E+01	1.983E+01	1.180E+00
5.100E+03	1.039E+01	8.243E+01	4.725E+01	5.127E+00	1.547E+00	2.489E+01	1.955E+01	1.184E+00
5.200E+03	1.001E+01	9.149E+01	4.773E+01	5.234E+00	1.575E+00	2.460E+01	1.924E+01	1.189E+00
5.300E+03	9.651E+00	1.004E+02	4.819E+01	5.340E+00	1.603E+00	2.425E+01	1.889E+01	1.193E+00
5.400E+03	9.316E+00	1.092E+02	4.864E+01	5.446E+00	1.630E+00	2.384E+01	1.850E+01	1.198E+00
5.500E+03	9.003E+00	1.179E+02	4.907E+01	5.551E+00	1.656E+00	2.337E+01	1.807E+01	1.203E+00
5.600E+03	8.709E+00	1.264E+02	4.949E+01	5.656E+00	1.681E+00	2.283E+01	1.759E+01	1.208E+00
5.700E+03	8.434E+00	1.346E+02	4.989E+01	5.759E+00	1.705E+00	2.222E+01	1.707E+01	1.213E+00
5.800E+03	8.176E+00	1.426E+02	5.027E+01	5.862E+00	1.729E+00	2.156E+01	1.652E+01	1.218E+00
5.900E+03	7.935E+00	1.504E+02	5.063E+01	5.963E+00	1.751E+00	2.084E+01	1.593E+01	1.224E+00
6.000E+03	7.710E+00	1.579E+02	5.098E+01	6.063E+00	1.772E+00	2.009E+01	1.533E+01	1.229E+00
6.100E+03	7.500E+00	1.651E+02	5.130E+01	6.161E+00	1.792E+00	1.931E+01	1.471E+01	1.234E+00
6.200E+03	7.303E+00	1.720E+02	5.161E+01	6.257E+00	1.810E+00	1.853E+01	1.408E+01	1.240E+00
6.300E+03	7.120E+00	1.787E+02	5.190E+01	6.352E+00	1.828E+00	1.774E+01	1.347E+01	1.246E+00
6.400E+03	6.948E+00	1.850E+02	5.217E+01	6.444E+00	1.844E+00	1.698E+01	1.287E+01	1.251E+00
6.500E+03	6.787E+00	1.911E+02	5.243E+01	6.534E+00	1.858E+00	1.624E+01	1.230E+01	1.256E+00
6.600E+03	6.636E+00	1.969E+02	5.267E+01	6.621E+00	1.872E+00	1.555E+01	1.176E+01	1.261E+00
6.700E+03	6.494E+00	2.025E+02	5.290E+01	6.706E+00	1.884E+00	1.491E+01	1.127E+01	1.266E+00
6.800E+03	6.360E+00	2.078E+02	5.312E+01	6.788E+00	1.896E+00	1.433E+01	1.083E+01	1.271E+00
6.900E+03	6.234E+00	2.130E+02	5.333E+01	6.866E+00	1.906E+00	1.382E+01	1.044E+01	1.274E+00
7.000E+03	6.114E+00	2.180E+02	5.352E+01	6.941E+00	1.915E+00	1.338E+01	1.011E+01	1.277E+00
7.100E+03	6.001E+00	2.228E+02	5.371E+01	7.012E+00	1.924E+00	1.302E+01	9.847E+00	1.279E+00
7.200E+03	5.894E+00	2.275E+02	5.389E+01	7.078E+00	1.932E+00	1.274E+01	9.652E+00	1.280E+00
7.300E+03	5.791E+00	2.322E+02	5.406E+01	7.140E+00	1.939E+00	1.256E+01	9.529E+00	1.280E+00
7.400E+03	5.692E+00	2.367E+02	5.423E+01	7.198E+00	1.946E+00	1.246E+01	9.484E+00	1.279E+00
7.500E+03	5.598E+00	2.413E+02	5.440E+01	7.251E+00	1.953E+00	1.247E+01	9.521E+00	1.278E+00
7.600E+03	5.506E+00	2.459E+02	5.457E+01	7.299E+00	1.959E+00	1.287E+01	9.646E+00	1.272E+00
7.700E+03	5.418E+00	2.505E+02	5.473E+01	7.343E+00	1.965E+00	1.279E+01	9.863E+00	1.267E+00
7.800E+03	5.332E+00	2.553E+02	5.490E+01	7.384E+00	1.971E+00	1.313E+01	1.018E+01	1.261E+00
7.900E+03	5.249E+00	2.602E+02	5.507E+01	7.421E+00	1.977E+00	1.340E+01	1.060E+01	1.254E+00
8.000E+03	5.167E+00	2.652E+02	5.525E+01	7.457E+00	1.983E+00	1.418E+01	1.113E+01	1.245E+00
8.200E+03	5.007E+00	2.742E+02	5.561E+01	7.528E+00	1.997E+00	1.582E+01	1.255E+01	1.230E+00

Table 1. - Continued.

T	RMO/RMO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	4.850E+00	2.886E+02	5.602E+01	7.602E+00	2.012E+00	1.805E+01	1.445E+01	1.215E+00
8.600E+03	4.693E+00	3.028E+02	5.648E+01	7.687E+00	2.031E+00	2.092E+01	1.485E+01	1.202E+00
8.800E+03	4.535E+00	3.194E+02	5.700E+01	7.786E+00	2.054E+00	2.436E+01	1.967E+01	1.192E+00
9.000E+03	4.375E+00	3.386E+02	5.759E+01	7.903E+00	2.082E+00	2.829E+01	2.280E+01	1.185E+00
9.200E+03	4.212E+00	3.609E+02	5.826E+01	8.037E+00	2.116E+00	3.250E+01	2.608E+01	1.180E+00
9.400E+03	4.047E+00	3.862E+02	5.900E+01	8.190E+00	2.155E+00	3.675E+01	2.929E+01	1.177E+00
9.600E+03	3.882E+00	4.146E+02	5.982E+01	8.359E+00	2.200E+00	4.075E+01	3.222E+01	1.176E+00
9.800E+03	3.718E+00	4.458E+02	6.070E+01	8.543E+00	2.250E+00	4.423E+01	3.469E+01	1.177E+00
1.000E+04	3.557E+00	4.792E+02	6.162E+01	8.739E+00	2.305E+00	4.695E+01	3.653E+01	1.178E+00
1.020E+04	3.403E+00	5.143E+02	6.257E+01	8.946E+00	2.362E+00	4.872E+01	3.765E+01	1.181E+00
1.040E+04	3.256E+00	5.503E+02	6.352E+01	9.160E+00	2.421E+00	4.948E+01	3.803E+01	1.184E+00
1.060E+04	3.118E+00	5.865E+02	6.446E+01	9.377E+00	2.481E+00	4.924E+01	3.769E+01	1.189E+00
1.080E+04	2.990E+00	6.222E+02	6.538E+01	9.597E+00	2.539E+00	4.811E+01	3.672E+01	1.194E+00
1.100E+04	2.872E+00	6.568E+02	6.624E+01	9.815E+00	2.595E+00	4.625E+01	3.524E+01	1.200E+00
1.120E+04	2.765E+00	6.898E+02	6.705E+01	1.003E+01	2.648E+00	4.388E+01	3.340E+01	1.206E+00
1.140E+04	2.667E+00	7.210E+02	6.781E+01	1.024E+01	2.697E+00	4.121E+01	3.134E+01	1.213E+00
1.160E+04	2.578E+00	7.501E+02	6.850E+01	1.045E+01	2.741E+00	3.842E+01	2.920E+01	1.221E+00
1.180E+04	2.497E+00	7.772E+02	6.913E+01	1.065E+01	2.782E+00	3.567E+01	2.710E+01	1.229E+00
1.200E+04	2.424E+00	8.024E+02	6.971E+01	1.085E+01	2.818E+00	3.309E+01	2.511E+01	1.237E+00
1.220E+04	2.357E+00	8.258E+02	7.024E+01	1.104E+01	2.851E+00	3.075E+01	2.331E+01	1.245E+00
1.240E+04	2.295E+00	8.475E+02	7.072E+01	1.122E+01	2.881E+00	2.868E+01	2.171E+01	1.253E+00
1.260E+04	2.238E+00	8.678E+02	7.117E+01	1.140E+01	2.907E+00	2.691E+01	2.033E+01	1.261E+00
1.280E+04	2.186E+00	8.870E+02	7.158E+01	1.156E+01	2.931E+00	2.542E+01	1.918E+01	1.267E+00
1.300E+04	2.136E+00	9.051E+02	7.196E+01	1.172E+01	2.952E+00	2.421E+01	1.824E+01	1.273E+00
1.320E+04	2.090E+00	9.225E+02	7.232E+01	1.188E+01	2.972E+00	2.325E+01	1.750E+01	1.278E+00
1.340E+04	2.046E+00	9.392E+02	7.267E+01	1.202E+01	2.990E+00	2.252E+01	1.694E+01	1.282E+00
1.360E+04	2.005E+00	9.555E+02	7.300E+01	1.216E+01	3.007E+00	2.199E+01	1.653E+01	1.285E+00
1.380E+04	1.965E+00	9.715E+02	7.331E+01	1.228E+01	3.023E+00	2.163E+01	1.627E+01	1.286E+00
1.400E+04	1.928E+00	9.872E+02	7.362E+01	1.241E+01	3.038E+00	2.143E+01	1.613E+01	1.287E+00
1.420E+04	1.891E+00	1.003E+03	7.393E+01	1.252E+01	3.053E+00	2.137E+01	1.609E+01	1.287E+00
1.440E+04	1.856E+00	1.019E+03	7.423E+01	1.264E+01	3.067E+00	2.142E+01	1.615E+01	1.286E+00
1.460E+04	1.823E+00	1.034E+03	7.452E+01	1.275E+01	3.081E+00	2.157E+01	1.628E+01	1.284E+00
1.480E+04	1.790E+00	1.050E+03	7.482E+01	1.285E+01	3.095E+00	2.181E+01	1.649E+01	1.282E+00
1.500E+04	1.758E+00	1.066E+03	7.511E+01	1.296E+01	3.109E+00	2.212E+01	1.675E+01	1.280E+00
1.520E+04	1.727E+00	1.083E+03	7.541E+01	1.306E+01	3.123E+00	2.251E+01	1.707E+01	1.277E+00
1.540E+04	1.697E+00	1.099E+03	7.571E+01	1.316E+01	3.137E+00	2.295E+01	1.743E+01	1.274E+00
1.560E+04	1.668E+00	1.116E+03	7.600E+01	1.326E+01	3.151E+00	2.345E+01	1.783E+01	1.271E+00
1.580E+04	1.639E+00	1.134E+03	7.631E+01	1.336E+01	3.166E+00	2.399E+01	1.826E+01	1.266E+00
1.600E+04	1.611E+00	1.151E+03	7.661E+01	1.346E+01	3.180E+00	2.457E+01	1.873E+01	1.266E+00
1.620E+04	1.584E+00	1.170E+03	7.692E+01	1.356E+01	3.196E+00	2.519E+01	1.921E+01	1.263E+00
1.640E+04	1.557E+00	1.188E+03	7.723E+01	1.366E+01	3.211E+00	2.584E+01	1.973E+01	1.260E+00
1.660E+04	1.530E+00	1.207E+03	7.755E+01	1.377E+01	3.228E+00	2.651E+01	2.026E+01	1.257E+00
1.680E+04	1.504E+00	1.227E+03	7.787E+01	1.387E+01	3.244E+00	2.722E+01	2.080E+01	1.255E+00
1.700E+04	1.479E+00	1.247E+03	7.820E+01	1.398E+01	3.261E+00	2.795E+01	2.136E+01	1.252E+00
1.720E+04	1.454E+00	1.268E+03	7.853E+01	1.408E+01	3.279E+00	2.869E+01	2.194E+01	1.250E+00
1.740E+04	1.429E+00	1.289E+03	7.887E+01	1.419E+01	3.297E+00	2.946E+01	2.252E+01	1.248E+00
1.760E+04	1.405E+00	1.311E+03	7.921E+01	1.430E+01	3.316E+00	3.024E+01	2.311E+01	1.246E+00
1.780E+04	1.381E+00	1.334E+03	7.955E+01	1.441E+01	3.335E+00	3.104E+01	2.371E+01	1.244E+00
1.800E+04	1.358E+00	1.357E+03	7.991E+01	1.453E+01	3.355E+00	3.184E+01	2.431E+01	1.242E+00
1.820E+04	1.335E+00	1.380E+03	8.026E+01	1.464E+01	3.375E+00	3.266E+01	2.492E+01	1.241E+00
1.840E+04	1.312E+00	1.404E+03	8.062E+01	1.476E+01	3.396E+00	3.349E+01	2.552E+01	1.239E+00
1.860E+04	1.290E+00	1.429E+03	8.099E+01	1.488E+01	3.417E+00	3.432E+01	2.613E+01	1.238E+00
1.880E+04	1.268E+00	1.455E+03	8.136E+01	1.500E+01	3.440E+00	3.516E+01	2.674E+01	1.237E+00
1.900E+04	1.246E+00	1.481E+03	8.174E+01	1.512E+01	3.462E+00	3.600E+01	2.734E+01	1.235E+00
1.920E+04	1.225E+00	1.507E+03	8.212E+01	1.525E+01	3.486E+00	3.684E+01	2.794E+01	1.235E+00
1.940E+04	1.204E+00	1.535E+03	8.250E+01	1.537E+01	3.510E+00	3.768E+01	2.853E+01	1.234E+00
1.960E+04	1.183E+00	1.563E+03	8.290E+01	1.550E+01	3.534E+00	3.852E+01	2.912E+01	1.233E+00
1.980E+04	1.163E+00	1.591E+03	8.329E+01	1.563E+01	3.559E+00	3.935E+01	2.969E+01	1.232E+00
2.000E+04	1.143E+00	1.620E+03	8.369E+01	1.576E+01	3.585E+00	4.018E+01	3.026E+01	1.232E+00
2.020E+04	1.124E+00	1.650E+03	8.409E+01	1.590E+01	3.612E+00	4.100E+01	3.082E+01	1.231E+00
2.040E+04	1.105E+00	1.680E+03	8.450E+01	1.603E+01	3.638E+00	4.181E+01	3.137E+01	1.231E+00
2.060E+04	1.086E+00	1.711E+03	8.491E+01	1.617E+01	3.666E+00	4.260E+01	3.190E+01	1.231E+00
2.080E+04	1.067E+00	1.743E+03	8.533E+01	1.631E+01	3.694E+00	4.339E+01	3.241E+01	1.231E+00
2.100E+04	1.049E+00	1.775E+03	8.575E+01	1.645E+01	3.723E+00	4.415E+01	3.291E+01	1.231E+00
2.120E+04	1.031E+00	1.807E+03	8.617E+01	1.659E+01	3.752E+00	4.490E+01	3.339E+01	1.231E+00
2.140E+04	1.013E+00	1.840E+03	8.660E+01	1.674E+01	3.781E+00	4.562E+01	3.385E+01	1.231E+00
2.160E+04	9.958E-01	1.874E+03	8.702E+01	1.689E+01	3.811E+00	4.633E+01	3.430E+01	1.231E+00
2.180E+04	9.788E-01	1.908E+03	8.745E+01	1.704E+01	3.842E+00	4.700E+01	3.471E+01	1.232E+00
2.200E+04	9.621E-01	1.943E+03	8.789E+01	1.719E+01	3.873E+00	4.765E+01	3.511E+01	1.232E+00
2.220E+04	9.458E-01	1.978E+03	8.832E+01	1.734E+01	3.905E+00	4.827E+01	3.548E+01	1.233E+00
2.240E+04	9.297E-01	2.014E+03	8.876E+01	1.749E+01	3.937E+00	4.886E+01	3.583E+01	1.234E+00
2.260E+04	9.140E-01	2.050E+03	8.919E+01	1.765E+01	3.969E+00	4.942E+01	3.615E+01	1.234E+00
2.280E+04	8.986E-01	2.086E+03	8.963E+01	1.780E+01	4.001E+00	4.994E+01	3.644E+01	1.235E+00
2.300E+04	8.835E-01	2.123E+03	9.007E+01	1.796E+01	4.034E+00	5.042E+01	3.671E+01	1.236E+00
2.320E+04	8.687E-01	2.160E+03	9.051E+01	1.812E+01	4.068E+00	5.087E+01	3.695E+01	1.237E+00
2.340E+04	8.543E-01	2.197E+03	9.094E+01	1.828E+01	4.101E+00	5.127E+01	3.715E+01	1.238E+00
2.360E+04	8.401E-01	2.235E+03	9.138E+01	1.845E+01	4.135E+00	5.164E+01	3.733E+01	1.240E+00
2.380E+04	8.263E-01	2.273E+03	9.182E+01	1.861E+01	4.169E+00	5.196E+01	3.748E+01	1.241E+00
2.400E+04	8.128E-01	2.311E+03	9.226E+01	1.878E+01	4.203E+00	5.224E+01	3.759E+01	1.242E+00
2.420E+04	7.995E-01	2.349E+03	9.269E+01	1.894E+01	4.237E+00	5.247E+01	3.768E+01	1.244E+00
2.440E+04	7.866E-01	2.388E+03	9.312E+01	1.911E+01	4.271E+00	5.267E+01	3.774E+01	1.245E+00
2.460E+04	7.740E-01	2.426E+03	9.355E+01	1.928E+01	4.306E+00	5.281E+01	3.776E+01	1.247E+00
2.480E+04	7.617E-01	2.465E+03	9.398E+01	1.944E+01	4.340E+00	5.292E+01	3.776E+01	1.249E+00
2.500E+04	7.497E-01	2.504E+03	9.441E+01	1.961E+01	4.374E+00	5.298E+01	3.773E+01	1.250E+00

Table I. - Continued.

P/P0 = 4.00E+02

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.093E+03	-1.712E+02	1.553E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	5.465E+02	-1.705E+02	1.805E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E+02	-1.690E+02	1.974E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E+02	-1.672E+02	2.109E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E+02	-1.653E+02	2.225E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E+02	-1.633E+02	2.325E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E+02	-1.612E+02	2.415E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E+02	-1.590E+02	2.496E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E+02	-1.567E+02	2.570E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E+02	-1.543E+02	2.638E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	9.937E+01	-1.519E+02	2.700E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	9.109E+01	-1.494E+02	2.759E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	8.408E+01	-1.470E+02	2.813E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.171E+00
1.400E+03	7.808E+01	-1.444E+02	2.864E+01	2.146E+00	1.000E+00	6.914E+00	5.914E+00	1.169E+00
1.500E+03	7.287E+01	-1.419E+02	2.912E+01	2.219E+00	1.000E+00	6.988E+00	5.987E+00	1.167E+00
1.600E+03	6.831E+01	-1.393E+02	2.957E+01	2.290E+00	1.000E+00	7.063E+00	6.062E+00	1.165E+00
1.700E+03	6.429E+01	-1.367E+02	3.000E+01	2.359E+00	1.000E+00	7.140E+00	6.144E+00	1.163E+00
1.800E+03	6.071E+01	-1.341E+02	3.041E+01	2.425E+00	1.000E+00	7.252E+00	6.244E+00	1.161E+00
1.900E+03	5.750E+01	-1.314E+02	3.081E+01	2.489E+00	1.001E+00	7.387E+00	6.373E+00	1.159E+00
2.000E+03	5.460E+01	-1.287E+02	3.119E+01	2.552E+00	1.001E+00	7.564E+00	6.540E+00	1.156E+00
2.100E+03	5.196E+01	-1.259E+02	3.157E+01	2.612E+00	1.002E+00	7.797E+00	6.758E+00	1.153E+00
2.200E+03	4.954E+01	-1.230E+02	3.194E+01	2.671E+00	1.003E+00	8.097E+00	7.037E+00	1.150E+00
2.300E+03	4.732E+01	-1.199E+02	3.230E+01	2.729E+00	1.004E+00	8.475E+00	7.386E+00	1.146E+00
2.400E+03	4.525E+01	-1.167E+02	3.267E+01	2.786E+00	1.007E+00	8.940E+00	7.811E+00	1.142E+00
2.500E+03	4.331E+01	-1.134E+02	3.305E+01	2.843E+00	1.009E+00	9.498E+00	8.318E+00	1.138E+00
2.600E+03	4.149E+01	-1.098E+02	3.344E+01	2.900E+00	1.013E+00	1.015E+01	8.907E+00	1.135E+00
2.700E+03	3.976E+01	-1.059E+02	3.383E+01	2.958E+00	1.018E+00	1.090E+01	9.575E+00	1.132E+00
2.800E+03	3.811E+01	-1.018E+02	3.424E+01	3.018E+00	1.024E+00	1.174E+01	1.032E+01	1.129E+00
2.900E+03	3.654E+01	-9.732E+01	3.467E+01	3.080E+00	1.032E+00	1.266E+01	1.112E+01	1.127E+00
3.000E+03	3.502E+01	-9.250E+01	3.512E+01	3.144E+00	1.041E+00	1.366E+01	1.198E+01	1.126E+00
3.100E+03	3.355E+01	-8.731E+01	3.558E+01	3.211E+00	1.051E+00	1.471E+01	1.287E+01	1.125E+00
3.200E+03	3.213E+01	-8.172E+01	3.607E+01	3.281E+00	1.063E+00	1.580E+01	1.378E+01	1.125E+00
3.300E+03	3.076E+01	-7.574E+01	3.657E+01	3.354E+00	1.077E+00	1.690E+01	1.469E+01	1.125E+00
3.400E+03	2.943E+01	-6.935E+01	3.709E+01	3.430E+00	1.092E+00	1.799E+01	1.557E+01	1.126E+00
3.500E+03	2.815E+01	-6.257E+01	3.763E+01	3.509E+00	1.110E+00	1.905E+01	1.640E+01	1.127E+00
3.600E+03	2.691E+01	-5.540E+01	3.818E+01	3.592E+00	1.128E+00	2.006E+01	1.718E+01	1.129E+00
3.700E+03	2.572E+01	-4.789E+01	3.874E+01	3.677E+00	1.149E+00	2.099E+01	1.787E+01	1.131E+00
3.800E+03	2.457E+01	-4.004E+01	3.931E+01	3.766E+00	1.171E+00	2.183E+01	1.848E+01	1.133E+00
3.900E+03	2.348E+01	-3.191E+01	3.989E+01	3.857E+00	1.194E+00	2.257E+01	1.898E+01	1.136E+00
4.000E+03	2.244E+01	-2.353E+01	4.047E+01	3.950E+00	1.218E+00	2.319E+01	1.939E+01	1.139E+00
4.100E+03	2.145E+01	-1.494E+01	4.105E+01	4.046E+00	1.243E+00	2.370E+01	1.970E+01	1.142E+00
4.200E+03	2.051E+01	-6.185E+00	4.162E+01	4.144E+00	1.269E+00	2.410E+01	1.991E+01	1.145E+00
4.300E+03	1.962E+01	2.696E+00	4.219E+01	4.243E+00	1.295E+00	2.439E+01	2.003E+01	1.149E+00
4.400E+03	1.879E+01	1.167E+01	4.276E+01	4.344E+00	1.322E+00	2.460E+01	2.009E+01	1.153E+00
4.500E+03	1.800E+01	2.070E+01	4.331E+01	4.446E+00	1.350E+00	2.472E+01	2.007E+01	1.157E+00
4.600E+03	1.725E+01	2.976E+01	4.386E+01	4.548E+00	1.377E+00	2.477E+01	2.001E+01	1.161E+00
4.700E+03	1.656E+01	3.884E+01	4.439E+01	4.652E+00	1.405E+00	2.477E+01	1.990E+01	1.165E+00
4.800E+03	1.590E+01	4.790E+01	4.491E+01	4.755E+00	1.432E+00	2.472E+01	1.976E+01	1.169E+00
4.900E+03	1.528E+01	5.694E+01	4.542E+01	4.859E+00	1.460E+00	2.462E+01	1.958E+01	1.173E+00
5.000E+03	1.470E+01	6.593E+01	4.592E+01	4.964E+00	1.487E+00	2.449E+01	1.938E+01	1.178E+00
5.100E+03	1.415E+01	7.487E+01	4.640E+01	5.068E+00	1.515E+00	2.432E+01	1.915E+01	1.182E+00
5.200E+03	1.364E+01	8.373E+01	4.687E+01	5.173E+00	1.542E+00	2.410E+01	1.890E+01	1.187E+00
5.300E+03	1.315E+01	9.251E+01	4.733E+01	5.277E+00	1.568E+00	2.384E+01	1.861E+01	1.191E+00
5.400E+03	1.270E+01	1.012E+02	4.777E+01	5.381E+00	1.594E+00	2.353E+01	1.830E+01	1.196E+00
5.500E+03	1.227E+01	1.097E+02	4.820E+01	5.485E+00	1.620E+00	2.317E+01	1.795E+01	1.200E+00
5.600E+03	1.186E+01	1.181E+02	4.861E+01	5.588E+00	1.645E+00	2.275E+01	1.756E+01	1.205E+00
5.700E+03	1.149E+01	1.264E+02	4.901E+01	5.691E+00	1.670E+00	2.228E+01	1.714E+01	1.210E+00
5.800E+03	1.113E+01	1.345E+02	4.939E+01	5.792E+00	1.693E+00	2.175E+01	1.668E+01	1.215E+00
5.900E+03	1.080E+01	1.423E+02	4.976E+01	5.893E+00	1.716E+00	2.118E+01	1.620E+01	1.220E+00
6.000E+03	1.048E+01	1.500E+02	5.011E+01	5.993E+00	1.738E+00	2.056E+01	1.568E+01	1.225E+00
6.100E+03	1.019E+01	1.574E+02	5.045E+01	6.091E+00	1.758E+00	1.990E+01	1.515E+01	1.230E+00
6.200E+03	9.917E+00	1.645E+02	5.076E+01	6.188E+00	1.778E+00	1.921E+01	1.460E+01	1.235E+00
6.300E+03	9.659E+00	1.714E+02	5.107E+01	6.283E+00	1.796E+00	1.852E+01	1.405E+01	1.240E+00
6.400E+03	9.418E+00	1.781E+02	5.135E+01	6.376E+00	1.814E+00	1.781E+01	1.349E+01	1.245E+00
6.500E+03	9.191E+00	1.845E+02	5.162E+01	6.467E+00	1.830E+00	1.712E+01	1.295E+01	1.250E+00
6.600E+03	8.978E+00	1.906E+02	5.188E+01	6.557E+00	1.845E+00	1.645E+01	1.243E+01	1.255E+00
6.700E+03	8.778E+00	1.965E+02	5.212E+01	6.644E+00	1.858E+00	1.581E+01	1.193E+01	1.260E+00
6.800E+03	8.590E+00	2.022E+02	5.235E+01	6.728E+00	1.871E+00	1.521E+01	1.147E+01	1.265E+00
6.900E+03	8.413E+00	2.077E+02	5.257E+01	6.809E+00	1.883E+00	1.466E+01	1.105E+01	1.269E+00
7.000E+03	8.245E+00	2.130E+02	5.278E+01	6.888E+00	1.894E+00	1.416E+01	1.068E+01	1.272E+00
7.100E+03	8.086E+00	2.181E+02	5.298E+01	6.963E+00	1.904E+00	1.373E+01	1.036E+01	1.275E+00
7.200E+03	7.936E+00	2.230E+02	5.317E+01	7.035E+00	1.913E+00	1.337E+01	1.009E+01	1.277E+00
7.300E+03	7.792E+00	2.279E+02	5.335E+01	7.103E+00	1.922E+00	1.308E+01	9.845E+00	1.278E+00
7.400E+03	7.656E+00	2.326E+02	5.352E+01	7.166E+00	1.930E+00	1.287E+01	9.744E+00	1.279E+00
7.500E+03	7.525E+00	2.373E+02	5.370E+01	7.225E+00	1.937E+00	1.274E+01	9.673E+00	1.278E+00
7.600E+03	7.399E+00	2.420E+02	5.386E+01	7.280E+00	1.944E+00	1.270E+01	9.675E+00	1.275E+00
7.700E+03	7.278E+00	2.466E+02	5.403E+01	7.331E+00	1.951E+00	1.274E+01	9.756E+00	1.272E+00
7.800E+03	7.161E+00	2.513E+02	5.420E+01	7.378E+00	1.957E+00	1.291E+01	9.921E+00	1.268E+00
7.900E+03	7.048E+00	2.561E+02	5.436E+01	7.421E+00	1.963E+00	1.318E+01	1.017E+01	1.262E+00
8.000E+03	6.937E+00	2.610E+02	5.453E+01	7.462E+00	1.970E+00	1.355E+01	1.052E+01	1.256E+00
8.200E+03	6.724E+00	2.713E+02	5.488E+01	7.537E+00	1.982E+00	1.467E+01	1.152E+01	1.242E+00

Table I. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	6.517E+00	2.826E+02	5.525E+01	7.610E+00	1.997E+00	1.632E+01	1.294E+01	1.228E+00
8.600E+03	6.314E+00	2.954E+02	5.566E+01	7.689E+00	2.013E+00	1.653E+01	1.482E+01	1.214E+00
8.800E+03	6.112E+00	3.099E+02	5.612E+01	7.777E+00	2.032E+00	2.130E+01	1.711E+01	1.202E+00
9.000E+03	5.908E+00	3.267E+02	5.663E+01	7.880E+00	2.056E+00	2.457E+01	1.978E+01	1.173E+00
9.200E+03	5.702E+00	3.460E+02	5.721E+01	7.998E+00	2.084E+00	2.825E+01	2.269E+01	1.166E+00
9.400E+03	5.493E+00	3.681E+02	5.786E+01	8.134E+00	2.117E+00	3.214E+01	2.570E+01	1.182E+00
9.600E+03	5.283E+00	3.931E+02	5.858E+01	8.285E+00	2.155E+00	3.604E+01	2.863E+01	1.179E+00
9.800E+03	5.073E+00	4.208E+02	5.936E+01	8.452E+00	2.199E+00	3.969E+01	3.130E+01	1.179E+00
1.000E+04	4.864E+00	4.511E+02	6.020E+01	8.633E+00	2.247E+00	4.287E+01	3.353E+01	1.179E+00
1.020E+04	4.661E+00	4.835E+02	6.107E+01	8.826E+00	2.299E+00	4.536E+01	3.521E+01	1.181E+00
1.040E+04	4.464E+00	5.173E+02	6.197E+01	9.028E+00	2.354E+00	4.702E+01	3.626E+01	1.183E+00
1.060E+04	4.277E+00	5.521E+02	6.287E+01	9.237E+00	2.411E+00	4.780E+01	3.665E+01	1.187E+00
1.080E+04	4.101E+00	5.871E+02	6.377E+01	9.450E+00	2.468E+00	4.769E+01	3.642E+01	1.191E+00
1.100E+04	3.937E+00	6.217E+02	6.463E+01	9.665E+00	2.524E+00	4.679E+01	3.562E+01	1.196E+00
1.120E+04	3.786E+00	6.555E+02	6.546E+01	9.879E+00	2.578E+00	4.522E+01	3.435E+01	1.202E+00
1.140E+04	3.646E+00	6.878E+02	6.625E+01	1.009E+01	2.630E+00	4.316E+01	3.275E+01	1.208E+00
1.160E+04	3.519E+00	7.186E+02	6.698E+01	1.030E+01	2.678E+00	4.079E+01	3.092E+01	1.215E+00
1.180E+04	3.403E+00	7.475E+02	6.765E+01	1.051E+01	2.722E+00	3.828E+01	2.900E+01	1.222E+00
1.200E+04	3.298E+00	7.746E+02	6.828E+01	1.071E+01	2.762E+00	3.576E+01	2.707E+01	1.229E+00
1.220E+04	3.201E+00	7.999E+02	6.885E+01	1.090E+01	2.799E+00	3.335E+01	2.523E+01	1.237E+00
1.240E+04	3.112E+00	8.235E+02	6.937E+01	1.109E+01	2.832E+00	3.112E+01	2.352E+01	1.244E+00
1.260E+04	3.031E+00	8.455E+02	6.985E+01	1.127E+01	2.862E+00	2.912E+01	2.198E+01	1.252E+00
1.280E+04	2.956E+00	8.662E+02	7.030E+01	1.144E+01	2.889E+00	2.737E+01	2.064E+01	1.259E+00
1.300E+04	2.886E+00	8.857E+02	7.071E+01	1.161E+01	2.913E+00	2.588E+01	1.949E+01	1.266E+00
1.320E+04	2.821E+00	9.042E+02	7.109E+01	1.177E+01	2.936E+00	2.464E+01	1.853E+01	1.271E+00
1.340E+04	2.760E+00	9.218E+02	7.146E+01	1.193E+01	2.955E+00	2.363E+01	1.776E+01	1.276E+00
1.360E+04	2.702E+00	9.388E+02	7.180E+01	1.207E+01	2.974E+00	2.284E+01	1.715E+01	1.280E+00
1.380E+04	2.648E+00	9.553E+02	7.213E+01	1.221E+01	2.992E+00	2.223E+01	1.669E+01	1.283E+00
1.400E+04	2.596E+00	9.714E+02	7.245E+01	1.234E+01	3.008E+00	2.180E+01	1.637E+01	1.285E+00
1.420E+04	2.546E+00	9.873E+02	7.275E+01	1.246E+01	3.023E+00	2.152E+01	1.617E+01	1.286E+00
1.440E+04	2.499E+00	1.003E+03	7.305E+01	1.258E+01	3.038E+00	2.137E+01	1.607E+01	1.286E+00
1.460E+04	2.453E+00	1.019E+03	7.335E+01	1.269E+01	3.052E+00	2.134E+01	1.607E+01	1.285E+00
1.480E+04	2.409E+00	1.034E+03	7.364E+01	1.280E+01	3.066E+00	2.141E+01	1.614E+01	1.284E+00
1.500E+04	2.366E+00	1.050E+03	7.393E+01	1.291E+01	3.080E+00	2.157E+01	1.629E+01	1.282E+00
1.520E+04	2.325E+00	1.066E+03	7.421E+01	1.301E+01	3.093E+00	2.180E+01	1.649E+01	1.280E+00
1.540E+04	2.285E+00	1.082E+03	7.450E+01	1.311E+01	3.107E+00	2.211E+01	1.675E+01	1.278E+00
1.560E+04	2.246E+00	1.098E+03	7.479E+01	1.321E+01	3.120E+00	2.247E+01	1.705E+01	1.275E+00
1.580E+04	2.207E+00	1.115E+03	7.508E+01	1.331E+01	3.134E+00	2.289E+01	1.739E+01	1.273E+00
1.600E+04	2.170E+00	1.132E+03	7.537E+01	1.341E+01	3.148E+00	2.335E+01	1.777E+01	1.270E+00
1.620E+04	2.134E+00	1.149E+03	7.566E+01	1.351E+01	3.162E+00	2.385E+01	1.817E+01	1.267E+00
1.640E+04	2.098E+00	1.167E+03	7.596E+01	1.361E+01	3.176E+00	2.439E+01	1.861E+01	1.264E+00
1.660E+04	2.064E+00	1.185E+03	7.626E+01	1.371E+01	3.191E+00	2.497E+01	1.906E+01	1.261E+00
1.680E+04	2.029E+00	1.203E+03	7.656E+01	1.381E+01	3.206E+00	2.557E+01	1.954E+01	1.259E+00
1.700E+04	1.996E+00	1.222E+03	7.687E+01	1.391E+01	3.221E+00	2.619E+01	2.003E+01	1.256E+00
1.720E+04	1.963E+00	1.241E+03	7.718E+01	1.401E+01	3.237E+00	2.684E+01	2.053E+01	1.254E+00
1.740E+04	1.931E+00	1.262E+03	7.749E+01	1.412E+01	3.253E+00	2.751E+01	2.105E+01	1.251E+00
1.760E+04	1.899E+00	1.282E+03	7.781E+01	1.422E+01	3.270E+00	2.820E+01	2.158E+01	1.249E+00
1.780E+04	1.868E+00	1.303E+03	7.813E+01	1.433E+01	3.287E+00	2.890E+01	2.212E+01	1.247E+00
1.800E+04	1.838E+00	1.324E+03	7.846E+01	1.443E+01	3.305E+00	2.962E+01	2.266E+01	1.245E+00
1.820E+04	1.807E+00	1.346E+03	7.879E+01	1.454E+01	3.323E+00	3.034E+01	2.321E+01	1.243E+00
1.840E+04	1.778E+00	1.369E+03	7.912E+01	1.465E+01	3.342E+00	3.108E+01	2.376E+01	1.241E+00
1.860E+04	1.749E+00	1.392E+03	7.946E+01	1.477E+01	3.361E+00	3.183E+01	2.432E+01	1.240E+00
1.880E+04	1.720E+00	1.415E+03	7.981E+01	1.488E+01	3.380E+00	3.258E+01	2.487E+01	1.238E+00
1.900E+04	1.692E+00	1.439E+03	8.016E+01	1.499E+01	3.400E+00	3.334E+01	2.543E+01	1.237E+00
1.920E+04	1.664E+00	1.464E+03	8.051E+01	1.511E+01	3.421E+00	3.410E+01	2.598E+01	1.236E+00
1.940E+04	1.637E+00	1.489E+03	8.087E+01	1.523E+01	3.442E+00	3.487E+01	2.653E+01	1.235E+00
1.960E+04	1.610E+00	1.515E+03	8.123E+01	1.535E+01	3.464E+00	3.563E+01	2.707E+01	1.234E+00
1.980E+04	1.583E+00	1.542E+03	8.159E+01	1.547E+01	3.486E+00	3.639E+01	2.761E+01	1.233E+00
2.000E+04	1.557E+00	1.568E+03	8.196E+01	1.560E+01	3.509E+00	3.715E+01	2.815E+01	1.232E+00
2.020E+04	1.532E+00	1.596E+03	8.234E+01	1.572E+01	3.533E+00	3.791E+01	2.867E+01	1.232E+00
2.040E+04	1.507E+00	1.624E+03	8.271E+01	1.585E+01	3.556E+00	3.866E+01	2.919E+01	1.231E+00
2.060E+04	1.482E+00	1.653E+03	8.310E+01	1.598E+01	3.581E+00	3.940E+01	2.970E+01	1.231E+00
2.080E+04	1.457E+00	1.682E+03	8.348E+01	1.611E+01	3.606E+00	4.014E+01	3.019E+01	1.230E+00
2.100E+04	1.433E+00	1.711E+03	8.387E+01	1.624E+01	3.631E+00	4.086E+01	3.067E+01	1.230E+00
2.120E+04	1.410E+00	1.742E+03	8.426E+01	1.638E+01	3.657E+00	4.157E+01	3.114E+01	1.230E+00
2.140E+04	1.387E+00	1.772E+03	8.465E+01	1.652E+01	3.684E+00	4.227E+01	3.160E+01	1.230E+00
2.160E+04	1.364E+00	1.803E+03	8.505E+01	1.665E+01	3.710E+00	4.295E+01	3.204E+01	1.230E+00
2.180E+04	1.341E+00	1.835E+03	8.545E+01	1.679E+01	3.738E+00	4.362E+01	3.246E+01	1.230E+00
2.200E+04	1.319E+00	1.867E+03	8.585E+01	1.694E+01	3.766E+00	4.428E+01	3.287E+01	1.231E+00
2.220E+04	1.298E+00	1.900E+03	8.625E+01	1.708E+01	3.794E+00	4.488E+01	3.325E+01	1.231E+00
2.240E+04	1.277E+00	1.933E+03	8.666E+01	1.722E+01	3.823E+00	4.548E+01	3.362E+01	1.232E+00
2.260E+04	1.256E+00	1.967E+03	8.706E+01	1.737E+01	3.852E+00	4.606E+01	3.396E+01	1.232E+00
2.280E+04	1.235E+00	2.000E+03	8.747E+01	1.752E+01	3.881E+00	4.661E+01	3.429E+01	1.233E+00
2.300E+04	1.215E+00	2.035E+03	8.788E+01	1.767E+01	3.911E+00	4.713E+01	3.459E+01	1.234E+00
2.320E+04	1.195E+00	2.069E+03	8.829E+01	1.782E+01	3.941E+00	4.763E+01	3.487E+01	1.234E+00
2.340E+04	1.176E+00	2.105E+03	8.870E+01	1.797E+01	3.972E+00	4.809E+01	3.512E+01	1.235E+00
2.360E+04	1.157E+00	2.140E+03	8.911E+01	1.813E+01	4.002E+00	4.852E+01	3.535E+01	1.236E+00
2.380E+04	1.139E+00	2.176E+03	8.952E+01	1.828E+01	4.034E+00	4.892E+01	3.556E+01	1.237E+00
2.400E+04	1.120E+00	2.212E+03	8.994E+01	1.844E+01	4.065E+00	4.929E+01	3.574E+01	1.239E+00
2.420E+04	1.103E+00	2.248E+03	9.035E+01	1.859E+01	4.096E+00	4.962E+01	3.589E+01	1.240E+00
2.440E+04	1.085E+00	2.284E+03	9.076E+01	1.875E+01	4.128E+00	4.992E+01	3.603E+01	1.241E+00
2.460E+04	1.068E+00	2.321E+03	9.116E+01	1.891E+01	4.160E+00	5.018E+01	3.613E+01	1.243E+00
2.480E+04	1.052E+00	2.358E+03	9.157E+01	1.907E+01	4.192E+00	5.040E+01	3.621E+01	1.244E+00
2.500E+04	1.035E+00	2.395E+03	9.198E+01	1.924E+01	4.224E+00	5.059E+01	3.626E+01	1.246E+00



Table I. - C. (Continued).

P/PO = 5.00E+02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.00E+02	1.366E+03	-1.718E+02	1.530E+01	5.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.00E+02	6.832E+02	-1.705E+02	1.782E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.00E+02	4.553E+02	-1.690E+02	1.951E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.00E+02	3.416E+02	-1.672E+02	2.087E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.00E+02	2.733E+02	-1.653E+02	2.202E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.00E+02	2.277E+02	-1.633E+02	2.303E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.00E+02	1.952E+02	-1.612E+02	2.393E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.00E+02	1.708E+02	-1.590E+02	2.474E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.00E+02	1.518E+02	-1.567E+02	2.548E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.00E+03	1.366E+02	-1.543E+02	2.615E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.10E+03	1.242E+02	-1.519E+02	2.678E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.20E+03	1.139E+02	-1.494E+02	2.736E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.30E+03	1.051E+02	-1.470E+02	2.791E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.171E+00
1.40E+03	9.760E+01	-1.444E+02	2.842E+01	2.146E+00	1.000E+00	6.913E+00	5.913E+00	1.169E+00
1.50E+03	9.109E+01	-1.419E+02	2.889E+01	2.219E+00	1.000E+00	6.987E+00	5.986E+00	1.167E+00
1.60E+03	8.539E+01	-1.393E+02	2.935E+01	2.290E+00	1.000E+00	7.061E+00	6.059E+00	1.165E+00
1.70E+03	8.036E+01	-1.367E+02	2.978E+01	2.359E+00	1.000E+00	7.143E+00	6.139E+00	1.163E+00
1.80E+03	7.589E+01	-1.341E+02	3.019E+01	2.425E+00	1.000E+00	7.242E+00	6.235E+00	1.161E+00
1.90E+03	7.180E+01	-1.314E+02	3.058E+01	2.490E+00	1.001E+00	7.370E+00	6.357E+00	1.159E+00
2.00E+03	6.825E+01	-1.287E+02	3.097E+01	2.552E+00	1.001E+00	7.537E+00	6.515E+00	1.157E+00
2.10E+03	6.496E+01	-1.259E+02	3.134E+01	2.613E+00	1.002E+00	7.755E+00	6.719E+00	1.154E+00
2.20E+03	6.194E+01	-1.230E+02	3.171E+01	2.672E+00	1.003E+00	8.035E+00	6.980E+00	1.150E+00
2.30E+03	5.916E+01	-1.200E+02	3.207E+01	2.729E+00	1.004E+00	8.388E+00	7.305E+00	1.147E+00
2.40E+03	5.659E+01	-1.169E+02	3.244E+01	2.786E+00	1.006E+00	8.821E+00	7.702E+00	1.143E+00
2.50E+03	5.419E+01	-1.135E+02	3.281E+01	2.843E+00	1.009E+00	9.341E+00	8.174E+00	1.139E+00
2.60E+03	5.191E+01	-1.100E+02	3.319E+01	2.900E+00	1.012E+00	9.950E+00	8.723E+00	1.136E+00
2.70E+03	4.977E+01	-1.062E+02	3.357E+01	2.958E+00	1.017E+00	1.065E+01	9.347E+00	1.133E+00
2.80E+03	4.772E+01	-1.022E+02	3.397E+01	3.017E+00	1.023E+00	1.143E+01	1.004E+01	1.130E+00
2.90E+03	4.577E+01	-9.785E+01	3.439E+01	3.078E+00	1.029E+00	1.230E+01	1.080E+01	1.128E+00
3.00E+03	4.389E+01	-9.318E+01	3.482E+01	3.141E+00	1.038E+00	1.323E+01	1.160E+01	1.127E+00
3.10E+03	4.206E+01	-8.816E+01	3.527E+01	3.207E+00	1.047E+00	1.422E+01	1.244E+01	1.126E+00
3.20E+03	4.033E+01	-8.277E+01	3.574E+01	3.275E+00	1.059E+00	1.524E+01	1.330E+01	1.126E+00
3.30E+03	3.866E+01	-7.700E+01	3.623E+01	3.347E+00	1.072E+00	1.628E+01	1.416E+01	1.126E+00
3.40E+03	3.700E+01	-7.085E+01	3.673E+01	3.421E+00	1.086E+00	1.732E+01	1.500E+01	1.127E+00
3.50E+03	3.542E+01	-6.432E+01	3.724E+01	3.498E+00	1.102E+00	1.834E+01	1.581E+01	1.128E+00
3.60E+03	3.389E+01	-5.742E+01	3.777E+01	3.579E+00	1.120E+00	1.931E+01	1.656E+01	1.129E+00
3.70E+03	3.242E+01	-5.018E+01	3.832E+01	3.662E+00	1.139E+00	2.022E+01	1.725E+01	1.131E+00
3.80E+03	3.100E+01	-4.262E+01	3.887E+01	3.748E+00	1.160E+00	2.105E+01	1.785E+01	1.133E+00
3.90E+03	2.965E+01	-3.477E+01	3.942E+01	3.837E+00	1.182E+00	2.179E+01	1.836E+01	1.136E+00
4.00E+03	2.836E+01	-2.668E+01	3.998E+01	3.929E+00	1.205E+00	2.242E+01	1.878E+01	1.139E+00
4.10E+03	2.713E+01	-1.837E+01	4.054E+01	4.022E+00	1.228E+00	2.295E+01	1.911E+01	1.142E+00
4.20E+03	2.596E+01	-9.882E+00	4.110E+01	4.117E+00	1.253E+00	2.337E+01	1.935E+01	1.145E+00
4.30E+03	2.485E+01	-1.262E+00	4.166E+01	4.215E+00	1.279E+00	2.370E+01	1.950E+01	1.149E+00
4.40E+03	2.381E+01	7.460E+00	4.220E+01	4.313E+00	1.304E+00	2.393E+01	1.958E+01	1.152E+00
4.50E+03	2.282E+01	1.625E+01	4.274E+01	4.413E+00	1.331E+00	2.408E+01	1.960E+01	1.156E+00
4.60E+03	2.189E+01	2.509E+01	4.327E+01	4.513E+00	1.357E+00	2.416E+01	1.956E+01	1.160E+00
4.70E+03	2.101E+01	3.394E+01	4.379E+01	4.614E+00	1.384E+00	2.418E+01	1.947E+01	1.164E+00
4.80E+03	2.018E+01	4.279E+01	4.430E+01	4.716E+00	1.410E+00	2.416E+01	1.935E+01	1.168E+00
4.90E+03	1.940E+01	5.163E+01	4.480E+01	4.817E+00	1.437E+00	2.409E+01	1.920E+01	1.172E+00
5.00E+03	1.867E+01	6.043E+01	4.529E+01	4.921E+00	1.464E+00	2.398E+01	1.903E+01	1.176E+00
5.10E+03	1.798E+01	6.919E+01	4.576E+01	5.024E+00	1.490E+00	2.384E+01	1.883E+01	1.181E+00
5.20E+03	1.733E+01	7.789E+01	4.622E+01	5.127E+00	1.516E+00	2.367E+01	1.860E+01	1.185E+00
5.30E+03	1.672E+01	8.652E+01	4.667E+01	5.229E+00	1.542E+00	2.346E+01	1.835E+01	1.189E+00
5.40E+03	1.614E+01	9.507E+01	4.711E+01	5.332E+00	1.568E+00	2.321E+01	1.808E+01	1.194E+00
5.50E+03	1.559E+01	1.035E+02	4.753E+01	5.434E+00	1.593E+00	2.292E+01	1.778E+01	1.198E+00
5.60E+03	1.508E+01	1.118E+02	4.794E+01	5.536E+00	1.618E+00	2.258E+01	1.745E+01	1.203E+00
5.70E+03	1.460E+01	1.200E+02	4.834E+01	5.638E+00	1.642E+00	2.219E+01	1.710E+01	1.207E+00
5.80E+03	1.415E+01	1.281E+02	4.872E+01	5.739E+00	1.665E+00	2.176E+01	1.671E+01	1.212E+00
5.90E+03	1.372E+01	1.360E+02	4.909E+01	5.839E+00	1.688E+00	2.128E+01	1.629E+01	1.217E+00
6.00E+03	1.332E+01	1.437E+02	4.944E+01	5.938E+00	1.710E+00	2.076E+01	1.584E+01	1.222E+00
6.10E+03	1.294E+01	1.512E+02	4.977E+01	6.036E+00	1.731E+00	2.019E+01	1.538E+01	1.226E+00
6.20E+03	1.258E+01	1.585E+02	5.010E+01	6.133E+00	1.751E+00	1.960E+01	1.489E+01	1.231E+00
6.30E+03	1.225E+01	1.655E+02	5.041E+01	6.228E+00	1.770E+00	1.898E+01	1.439E+01	1.235E+00
6.40E+03	1.194E+01	1.724E+02	5.071E+01	6.322E+00	1.788E+00	1.834E+01	1.388E+01	1.241E+00
6.50E+03	1.164E+01	1.790E+02	5.099E+01	6.414E+00	1.806E+00	1.770E+01	1.338E+01	1.246E+00
6.60E+03	1.137E+01	1.853E+02	5.125E+01	6.504E+00	1.821E+00	1.707E+01	1.289E+01	1.251E+00
6.70E+03	1.111E+01	1.915E+02	5.150E+01	6.592E+00	1.836E+00	1.645E+01	1.241E+01	1.256E+00
6.80E+03	1.086E+01	1.974E+02	5.174E+01	6.678E+00	1.850E+00	1.586E+01	1.195E+01	1.260E+00
6.90E+03	1.063E+01	2.031E+02	5.197E+01	6.761E+00	1.863E+00	1.530E+01	1.152E+01	1.264E+00
7.00E+03	1.041E+01	2.086E+02	5.219E+01	6.842E+00	1.875E+00	1.478E+01	1.113E+01	1.268E+00
7.10E+03	1.020E+01	2.139E+02	5.239E+01	6.920E+00	1.886E+00	1.432E+01	1.078E+01	1.271E+00
7.20E+03	1.001E+01	2.191E+02	5.259E+01	6.995E+00	1.896E+00	1.391E+01	1.048E+01	1.274E+00
7.30E+03	9.821E+00	2.241E+02	5.278E+01	7.064E+00	1.906E+00	1.356E+01	1.022E+01	1.276E+00
7.40E+03	9.644E+00	2.290E+02	5.296E+01	7.134E+00	1.915E+00	1.320E+01	1.003E+01	1.277E+00
7.50E+03	9.475E+00	2.338E+02	5.314E+01	7.198E+00	1.923E+00	1.307E+01	9.887E+00	1.277E+00
7.60E+03	9.313E+00	2.384E+02	5.331E+01	7.255E+00	1.930E+00	1.294E+01	9.813E+00	1.276E+00
7.70E+03	9.158E+00	2.433E+02	5.348E+01	7.313E+00	1.938E+00	1.289E+01	9.807E+00	1.274E+00
7.80E+03	9.008E+00	2.481E+02	5.365E+01	7.365E+00	1.945E+00	1.293E+01	9.874E+00	1.271E+00
7.90E+03	8.864E+00	2.528E+02	5.381E+01	7.413E+00	1.951E+00	1.306E+01	1.002E+01	1.267E+00
8.00E+03	8.724E+00	2.576E+02	5.398E+01	7.458E+00	1.958E+00	1.330E+01	1.025E+01	1.262E+00
8.20E+03	8.455E+00	2.677E+02	5.432E+01	7.539E+00	1.971E+00	1.409E+01	1.097E+01	1.250E+00

Table I. - Continued.

T	AND/RND-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	8.197E+00	2.784E+02	5.467E+01	7.615E+00	1.985E+00	1.534E+01	1.207E+01	1.237E+00
8.600E+03	7.945E+00	2.903E+02	5.505E+01	7.692E+00	2.000E+00	1.710E+01	1.358E+01	1.223E+00
8.800E+03	7.698E+00	3.036E+02	5.547E+01	7.775E+00	2.017E+00	1.938E+01	1.549E+01	1.211E+00
9.000E+03	7.451E+00	3.188E+02	5.594E+01	7.869E+00	2.038E+00	2.216E+01	1.778E+01	1.200E+00
9.200E+03	7.203E+00	3.362E+02	5.646E+01	7.976E+00	2.062E+00	2.538E+01	2.037E+01	1.192E+00
9.400E+03	6.952E+00	3.560E+02	5.704E+01	8.099E+00	2.091E+00	2.891E+01	2.315E+01	1.187E+00
9.600E+03	6.699E+00	3.785E+02	5.769E+01	8.238E+00	2.125E+00	3.258E+01	2.596E+01	1.183E+00
9.800E+03	6.445E+00	4.037E+02	5.840E+01	8.392E+00	2.163E+00	3.618E+01	2.864E+01	1.181E+00
1.000E+04	6.192E+00	4.315E+02	5.916E+01	8.560E+00	2.207E+00	3.951E+01	3.103E+01	1.180E+00
1.020E+04	5.942E+00	4.615E+02	5.997E+01	8.741E+00	2.254E+00	4.234E+01	3.301E+01	1.181E+00
1.040E+04	5.699E+00	4.933E+02	6.082E+01	8.933E+00	2.305E+00	4.453E+01	3.446E+01	1.183E+00
1.060E+04	5.464E+00	5.265E+02	6.168E+01	9.133E+00	2.359E+00	4.595E+01	3.534E+01	1.186E+00
1.080E+04	5.241E+00	5.604E+02	6.255E+01	9.339E+00	2.414E+00	4.657E+01	3.562E+01	1.189E+00
1.100E+04	5.031E+00	5.945E+02	6.340E+01	9.549E+00	2.469E+00	4.640E+01	3.534E+01	1.194E+00
1.120E+04	4.836E+00	6.282E+02	6.423E+01	9.761E+00	2.523E+00	4.552E+01	3.457E+01	1.195E+00
1.140E+04	4.654E+00	6.610E+02	6.502E+01	9.972E+00	2.575E+00	4.405E+01	3.338E+01	1.204E+00
1.160E+04	4.488E+00	6.926E+02	6.577E+01	1.018E+01	2.625E+00	4.215E+01	3.189E+01	1.210E+00
1.180E+04	4.335E+00	7.227E+02	6.648E+01	1.039E+01	2.671E+00	3.996E+01	3.021E+01	1.217E+00
1.200E+04	4.195E+00	7.511E+02	6.713E+01	1.059E+01	2.714E+00	3.764E+01	2.844E+01	1.224E+00
1.220E+04	4.067E+00	7.778E+02	6.773E+01	1.079E+01	2.754E+00	3.531E+01	2.666E+01	1.231E+00
1.240E+04	3.949E+00	8.028E+02	6.829E+01	1.098E+01	2.790E+00	3.306E+01	2.494E+01	1.238E+00
1.260E+04	3.841E+00	8.262E+02	6.880E+01	1.116E+01	2.823E+00	3.097E+01	2.334E+01	1.245E+00
1.280E+04	3.742E+00	8.482E+02	6.927E+01	1.134E+01	2.853E+00	2.908E+01	2.190E+01	1.253E+00
1.300E+04	3.650E+00	8.689E+02	6.971E+01	1.152E+01	2.880E+00	2.741E+01	2.062E+01	1.259E+00
1.320E+04	3.565E+00	8.884E+02	7.012E+01	1.168E+01	2.904E+00	2.597E+01	1.952E+01	1.266E+00
1.340E+04	3.485E+00	9.069E+02	7.050E+01	1.184E+01	2.926E+00	2.476E+01	1.859E+01	1.271E+00
1.360E+04	3.410E+00	9.247E+02	7.086E+01	1.199E+01	2.946E+00	2.377E+01	1.783E+01	1.276E+00
1.380E+04	3.339E+00	9.418E+02	7.120E+01	1.214E+01	2.965E+00	2.297E+01	1.723E+01	1.279E+00
1.400E+04	3.272E+00	9.584E+02	7.152E+01	1.227E+01	2.983E+00	2.235E+01	1.677E+01	1.282E+00
1.420E+04	3.209E+00	9.746E+02	7.184E+01	1.240E+01	2.999E+00	2.190E+01	1.643E+01	1.284E+00
1.440E+04	3.148E+00	9.905E+02	7.214E+01	1.253E+01	3.014E+00	2.159E+01	1.621E+01	1.285E+00
1.460E+04	3.090E+00	1.006E+03	7.244E+01	1.265E+01	3.029E+00	2.141E+01	1.609E+01	1.285E+00
1.480E+04	3.034E+00	1.022E+03	7.273E+01	1.276E+01	3.043E+00	2.134E+01	1.606E+01	1.285E+00
1.500E+04	2.980E+00	1.037E+03	7.301E+01	1.287E+01	3.057E+00	2.137E+01	1.610E+01	1.284E+00
1.520E+04	2.928E+00	1.053E+03	7.330E+01	1.297E+01	3.071E+00	2.148E+01	1.621E+01	1.282E+00
1.540E+04	2.877E+00	1.069E+03	7.358E+01	1.308E+01	3.084E+00	2.167E+01	1.636E+01	1.280E+00
1.560E+04	2.828E+00	1.085E+03	7.386E+01	1.318E+01	3.097E+00	2.193E+01	1.661E+01	1.278E+00
1.580E+04	2.780E+00	1.101E+03	7.414E+01	1.328E+01	3.110E+00	2.225E+01	1.687E+01	1.275E+00
1.600E+04	2.734E+00	1.118E+03	7.443E+01	1.337E+01	3.124E+00	2.261E+01	1.718E+01	1.272E+00
1.620E+04	2.689E+00	1.134E+03	7.471E+01	1.347E+01	3.137E+00	2.303E+01	1.752E+01	1.270E+00
1.640E+04	2.644E+00	1.151E+03	7.499E+01	1.357E+01	3.151E+00	2.348E+01	1.789E+01	1.267E+00
1.660E+04	2.601E+00	1.169E+03	7.528E+01	1.367E+01	3.164E+00	2.397E+01	1.829E+01	1.264E+00
1.680E+04	2.559E+00	1.186E+03	7.557E+01	1.376E+01	3.178E+00	2.449E+01	1.871E+01	1.261E+00
1.700E+04	2.517E+00	1.204E+03	7.586E+01	1.386E+01	3.193E+00	2.504E+01	1.914E+01	1.259E+00
1.720E+04	2.477E+00	1.223E+03	7.616E+01	1.396E+01	3.207E+00	2.561E+01	1.960E+01	1.256E+00
1.740E+04	2.437E+00	1.242E+03	7.646E+01	1.406E+01	3.222E+00	2.621E+01	2.007E+01	1.254E+00
1.760E+04	2.398E+00	1.261E+03	7.676E+01	1.416E+01	3.238E+00	2.683E+01	2.055E+01	1.251E+00
1.780E+04	2.359E+00	1.281E+03	7.707E+01	1.427E+01	3.253E+00	2.746E+01	2.104E+01	1.249E+00
1.800E+04	2.322E+00	1.302E+03	7.738E+01	1.437E+01	3.270E+00	2.811E+01	2.153E+01	1.247E+00
1.820E+04	2.285E+00	1.322E+03	7.769E+01	1.447E+01	3.286E+00	2.877E+01	2.204E+01	1.245E+00
1.840E+04	2.248E+00	1.344E+03	7.801E+01	1.458E+01	3.303E+00	2.944E+01	2.255E+01	1.243E+00
1.860E+04	2.212E+00	1.366E+03	7.833E+01	1.469E+01	3.321E+00	3.012E+01	2.306E+01	1.242E+00
1.880E+04	2.177E+00	1.388E+03	7.866E+01	1.480E+01	3.338E+00	3.081E+01	2.358E+01	1.240E+00
1.900E+04	2.142E+00	1.411E+03	7.899E+01	1.491E+01	3.357E+00	3.151E+01	2.410E+01	1.238E+00
1.920E+04	2.108E+00	1.434E+03	7.932E+01	1.502E+01	3.376E+00	3.221E+01	2.461E+01	1.237E+00
1.940E+04	2.075E+00	1.458E+03	7.966E+01	1.513E+01	3.395E+00	3.291E+01	2.513E+01	1.236E+00
1.960E+04	2.041E+00	1.482E+03	8.000E+01	1.525E+01	3.415E+00	3.362E+01	2.564E+01	1.235E+00
1.980E+04	2.009E+00	1.507E+03	8.035E+01	1.536E+01	3.435E+00	3.433E+01	2.615E+01	1.234E+00
2.000E+04	1.977E+00	1.532E+03	8.070E+01	1.548E+01	3.456E+00	3.503E+01	2.665E+01	1.233E+00
2.020E+04	1.945E+00	1.558E+03	8.105E+01	1.560E+01	3.477E+00	3.574E+01	2.715E+01	1.232E+00
2.040E+04	1.914E+00	1.585E+03	8.140E+01	1.572E+01	3.499E+00	3.644E+01	2.764E+01	1.231E+00
2.060E+04	1.884E+00	1.612E+03	8.176E+01	1.585E+01	3.521E+00	3.714E+01	2.813E+01	1.231E+00
2.080E+04	1.854E+00	1.639E+03	8.212E+01	1.597E+01	3.544E+00	3.783E+01	2.860E+01	1.230E+00
2.100E+04	1.824E+00	1.667E+03	8.249E+01	1.610E+01	3.567E+00	3.851E+01	2.907E+01	1.230E+00
2.120E+04	1.795E+00	1.695E+03	8.286E+01	1.623E+01	3.591E+00	3.919E+01	2.952E+01	1.230E+00
2.140E+04	1.766E+00	1.725E+03	8.323E+01	1.636E+01	3.615E+00	3.985E+01	2.996E+01	1.230E+00
2.160E+04	1.738E+00	1.754E+03	8.360E+01	1.649E+01	3.639E+00	4.051E+01	3.039E+01	1.230E+00
2.180E+04	1.710E+00	1.784E+03	8.398E+01	1.662E+01	3.664E+00	4.115E+01	3.081E+01	1.230E+00
2.200E+04	1.683E+00	1.814E+03	8.436E+01	1.676E+01	3.690E+00	4.177E+01	3.121E+01	1.230E+00
2.220E+04	1.656E+00	1.845E+03	8.474E+01	1.689E+01	3.716E+00	4.238E+01	3.159E+01	1.230E+00
2.240E+04	1.630E+00	1.876E+03	8.512E+01	1.703E+01	3.742E+00	4.297E+01	3.196E+01	1.230E+00
2.260E+04	1.604E+00	1.908E+03	8.551E+01	1.717E+01	3.769E+00	4.355E+01	3.232E+01	1.231E+00
2.280E+04	1.579E+00	1.940E+03	8.589E+01	1.731E+01	3.796E+00	4.410E+01	3.265E+01	1.231E+00
2.300E+04	1.554E+00	1.972E+03	8.628E+01	1.746E+01	3.823E+00	4.463E+01	3.297E+01	1.232E+00
2.320E+04	1.529E+00	2.005E+03	8.667E+01	1.760E+01	3.851E+00	4.514E+01	3.326E+01	1.232E+00
2.340E+04	1.505E+00	2.039E+03	8.706E+01	1.774E+01	3.879E+00	4.562E+01	3.354E+01	1.233E+00
2.360E+04	1.482E+00	2.072E+03	8.745E+01	1.789E+01	3.908E+00	4.608E+01	3.379E+01	1.234E+00
2.380E+04	1.458E+00	2.106E+03	8.784E+01	1.804E+01	3.936E+00	4.651E+01	3.403E+01	1.235E+00
2.400E+04	1.436E+00	2.140E+03	8.823E+01	1.819E+01	3.965E+00	4.692E+01	3.424E+01	1.236E+00
2.420E+04	1.413E+00	2.175E+03	8.862E+01	1.834E+01	3.995E+00	4.730E+01	3.444E+01	1.237E+00
2.440E+04	1.392E+00	2.210E+03	8.901E+01	1.849E+01	4.024E+00	4.764E+01	3.461E+01	1.238E+00
2.460E+04	1.370E+00	2.245E+03	8.940E+01	1.865E+01	4.054E+00	4.796E+01	3.475E+01	1.239E+00
2.480E+04	1.349E+00	2.280E+03	8.979E+01	1.880E+01	4.084E+00	4.825E+01	3.488E+01	1.241E+00
2.500E+04	1.329E+00	2.315E+03	9.018E+01	1.896E+01	4.114E+00	4.851E+01	3.498E+01	1.242E+00

Table I. - Continued.

P/P0 = 6.00E+02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.640E+03	-1.718E+02	1.512E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.396E+00
2.000E+02	8.198E+02	-1.705E+02	1.764E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E+02	-1.690E+02	1.933E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E+02	-1.672E+02	2.069E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E+02	-1.653E+02	2.184E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E+02	-1.633E+02	2.265E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E+02	-1.612E+02	2.375E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E+02	-1.590E+02	2.456E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E+02	-1.567E+02	2.529E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.540E+02	-1.543E+02	2.597E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.491E+02	-1.519E+02	2.660E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.366E+02	-1.474E+02	2.718E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.261E+02	-1.470E+02	2.772E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.175E+00
1.400E+03	1.171E+02	-1.444E+02	2.823E+01	2.146E+00	1.000E+00	6.913E+00	5.913E+00	1.169E+00
1.500E+03	1.093E+02	-1.419E+02	2.871E+01	2.219E+00	1.000E+00	6.986E+00	5.986E+00	1.167E+00
1.600E+03	1.025E+02	-1.393E+02	2.917E+01	2.290E+00	1.000E+00	7.059E+00	6.059E+00	1.165E+00
1.700E+03	9.644E+01	-1.367E+02	2.960E+01	2.359E+00	1.000E+00	7.139E+00	6.139E+00	1.163E+00
1.800E+03	9.107E+01	-1.341E+02	3.001E+01	2.425E+00	1.000E+00	7.235E+00	6.235E+00	1.162E+00
1.900E+03	8.625E+01	-1.314E+02	3.040E+01	2.490E+00	1.001E+00	7.357E+00	6.345E+00	1.159E+00
2.000E+03	8.191E+01	-1.287E+02	3.078E+01	2.552E+00	1.001E+00	7.516E+00	6.495E+00	1.157E+00
2.100E+03	7.796E+01	-1.259E+02	3.117E+01	2.613E+00	1.002E+00	7.723E+00	6.689E+00	1.154E+00
2.200E+03	7.434E+01	-1.230E+02	3.152E+01	2.672E+00	1.002E+00	7.988E+00	6.936E+00	1.151E+00
2.300E+03	7.101E+01	-1.201E+02	3.188E+01	2.730E+00	1.004E+00	8.321E+00	7.243E+00	1.147E+00
2.400E+03	6.793E+01	-1.169E+02	3.224E+01	2.787E+00	1.006E+00	8.730E+00	7.618E+00	1.144E+00
2.500E+03	6.505E+01	-1.137E+02	3.261E+01	2.844E+00	1.008E+00	9.221E+00	8.064E+00	1.140E+00
2.600E+03	6.234E+01	-1.102E+02	3.298E+01	2.900E+00	1.012E+00	9.796E+00	8.583E+00	1.137E+00
2.700E+03	5.978E+01	-1.065E+02	3.336E+01	2.958E+00	1.016E+00	1.044E+01	9.173E+00	1.134E+00
2.800E+03	5.734E+01	-1.025E+02	3.376E+01	3.017E+00	1.021E+00	1.120E+01	9.829E+00	1.131E+00
2.900E+03	5.501E+01	-9.827E+01	3.416E+01	3.077E+00	1.028E+00	1.201E+01	1.054E+01	1.129E+00
3.000E+03	5.278E+01	-9.371E+01	3.459E+01	3.139E+00	1.036E+00	1.290E+01	1.131E+01	1.128E+00
3.100E+03	5.063E+01	-8.882E+01	3.502E+01	3.204E+00	1.045E+00	1.383E+01	1.211E+01	1.127E+00
3.200E+03	4.855E+01	-8.357E+01	3.548E+01	3.271E+00	1.055E+00	1.481E+01	1.293E+01	1.126E+00
3.300E+03	4.654E+01	-7.797E+01	3.595E+01	3.341E+00	1.068E+00	1.581E+01	1.375E+01	1.127E+00
3.400E+03	4.460E+01	-7.200E+01	3.644E+01	3.414E+00	1.081E+00	1.681E+01	1.456E+01	1.127E+00
3.500E+03	4.272E+01	-6.566E+01	3.694E+01	3.490E+00	1.097E+00	1.779E+01	1.534E+01	1.128E+00
3.600E+03	4.091E+01	-5.898E+01	3.745E+01	3.569E+00	1.113E+00	1.873E+01	1.608E+01	1.130E+00
3.700E+03	3.916E+01	-5.195E+01	3.798E+01	3.650E+00	1.132E+00	1.962E+01	1.675E+01	1.131E+00
3.800E+03	3.748E+01	-4.462E+01	3.851E+01	3.735E+00	1.151E+00	2.044E+01	1.735E+01	1.133E+00
3.900E+03	3.587E+01	-3.700E+01	3.905E+01	3.822E+00	1.172E+00	2.117E+01	1.787E+01	1.136E+00
4.000E+03	3.433E+01	-2.913E+01	3.960E+01	3.911E+00	1.194E+00	2.180E+01	1.830E+01	1.139E+00
4.100E+03	3.286E+01	-2.104E+01	4.014E+01	4.003E+00	1.217E+00	2.234E+01	1.864E+01	1.142E+00
4.200E+03	3.146E+01	-1.278E+01	4.069E+01	4.097E+00	1.241E+00	2.275E+01	1.890E+01	1.145E+00
4.300E+03	3.013E+01	-4.370E+00	4.123E+01	4.192E+00	1.265E+00	2.311E+01	1.917E+01	1.148E+00
4.400E+03	2.888E+01	4.148E+00	4.176E+01	4.289E+00	1.290E+00	2.338E+01	1.947E+01	1.152E+00
4.500E+03	2.769E+01	1.274E+01	4.229E+01	4.386E+00	1.316E+00	2.356E+01	1.971E+01	1.155E+00
4.600E+03	2.657E+01	2.139E+01	4.281E+01	4.485E+00	1.341E+00	2.366E+01	1.919E+01	1.159E+00
4.700E+03	2.552E+01	3.007E+01	4.332E+01	4.585E+00	1.367E+00	2.371E+01	1.913E+01	1.163E+00
4.800E+03	2.452E+01	3.879E+01	4.382E+01	4.685E+00	1.393E+00	2.370E+01	1.902E+01	1.167E+00
4.900E+03	2.359E+01	4.726E+01	4.431E+01	4.786E+00	1.419E+00	2.365E+01	1.889E+01	1.171E+00
5.000E+03	2.270E+01	5.606E+01	4.478E+01	4.887E+00	1.445E+00	2.357E+01	1.873E+01	1.175E+00
5.100E+03	2.186E+01	6.467E+01	4.525E+01	4.988E+00	1.471E+00	2.345E+01	1.855E+01	1.179E+00
5.200E+03	2.108E+01	7.324E+01	4.570E+01	5.090E+00	1.496E+00	2.330E+01	1.835E+01	1.184E+00
5.300E+03	2.033E+01	8.174E+01	4.615E+01	5.191E+00	1.521E+00	2.312E+01	1.812E+01	1.188E+00
5.400E+03	1.963E+01	9.017E+01	4.658E+01	5.293E+00	1.547E+00	2.291E+01	1.788E+01	1.192E+00
5.500E+03	1.897E+01	9.851E+01	4.699E+01	5.394E+00	1.571E+00	2.267E+01	1.762E+01	1.197E+00
5.600E+03	1.835E+01	1.068E+02	4.740E+01	5.495E+00	1.596E+00	2.238E+01	1.733E+01	1.201E+00
5.700E+03	1.776E+01	1.149E+02	4.779E+01	5.595E+00	1.619E+00	2.206E+01	1.701E+01	1.206E+00
5.800E+03	1.721E+01	1.229E+02	4.817E+01	5.695E+00	1.643E+00	2.169E+01	1.667E+01	1.210E+00
5.900E+03	1.669E+01	1.306E+02	4.854E+01	5.794E+00	1.665E+00	2.128E+01	1.630E+01	1.215E+00
6.000E+03	1.619E+01	1.385E+02	4.890E+01	5.893E+00	1.687E+00	2.082E+01	1.591E+01	1.219E+00
6.100E+03	1.573E+01	1.460E+02	4.924E+01	5.990E+00	1.709E+00	2.033E+01	1.549E+01	1.224E+00
6.200E+03	1.529E+01	1.534E+02	4.956E+01	6.087E+00	1.729E+00	1.981E+01	1.505E+01	1.229E+00
6.300E+03	1.488E+01	1.605E+02	4.987E+01	6.182E+00	1.749E+00	1.925E+01	1.460E+01	1.233E+00
6.400E+03	1.450E+01	1.675E+02	5.017E+01	6.276E+00	1.767E+00	1.868E+01	1.414E+01	1.238E+00
6.500E+03	1.413E+01	1.742E+02	5.046E+01	6.369E+00	1.785E+00	1.809E+01	1.367E+01	1.243E+00
6.600E+03	1.379E+01	1.807E+02	5.073E+01	6.459E+00	1.801E+00	1.750E+01	1.321E+01	1.247E+00
6.700E+03	1.347E+01	1.870E+02	5.099E+01	6.548E+00	1.817E+00	1.692E+01	1.275E+01	1.252E+00
6.800E+03	1.316E+01	1.931E+02	5.124E+01	6.635E+00	1.837E+00	1.634E+01	1.231E+01	1.256E+00
6.900E+03	1.288E+01	1.990E+02	5.147E+01	6.720E+00	1.845E+00	1.580E+01	1.189E+01	1.261E+00
7.000E+03	1.261E+01	2.047E+02	5.169E+01	6.802E+00	1.858E+00	1.528E+01	1.149E+01	1.265E+00
7.100E+03	1.235E+01	2.102E+02	5.191E+01	6.882E+00	1.870E+00	1.480E+01	1.113E+01	1.268E+00
7.200E+03	1.211E+01	2.155E+02	5.211E+01	6.959E+00	1.881E+00	1.437E+01	1.080E+01	1.271E+00
7.300E+03	1.188E+01	2.207E+02	5.231E+01	7.033E+00	1.891E+00	1.398E+01	1.052E+01	1.273E+00
7.400E+03	1.166E+01	2.258E+02	5.250E+01	7.103E+00	1.901E+00	1.366E+01	1.029E+01	1.275E+00
7.500E+03	1.145E+01	2.307E+02	5.268E+01	7.170E+00	1.910E+00	1.340E+01	1.011E+01	1.276E+00
7.600E+03	1.125E+01	2.356E+02	5.285E+01	7.234E+00	1.918E+00	1.321E+01	9.983E+00	1.276E+00
7.700E+03	1.106E+01	2.404E+02	5.303E+01	7.293E+00	1.926E+00	1.309E+01	9.918E+00	1.275E+00
7.800E+03	1.087E+01	2.452E+02	5.319E+01	7.349E+00	1.933E+00	1.305E+01	9.918E+00	1.273E+00
7.900E+03	1.070E+01	2.500E+02	5.336E+01	7.401E+00	1.941E+00	1.309E+01	9.988E+00	1.270E+00
8.000E+03	1.052E+01	2.548E+02	5.353E+01	7.449E+00	1.947E+00	1.322E+01	1.013E+01	1.266E+00
8.200E+03	1.020E+01	2.647E+02	5.386E+01	7.537E+00	1.961E+00	1.377E+01	1.065E+01	1.256E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	9.887E+00	2.751E+02	5.420E+01	7.617E+00	1.974E+00	1.474E+01	1.152E+01	1.243E+00
8.600E+03	9.586E+00	2.864E+02	5.456E+01	7.694E+00	1.989E+00	1.618E+01	1.277E+01	1.230E+00
8.800E+03	9.293E+00	2.989E+02	5.496E+01	7.774E+00	2.005E+00	1.809E+01	1.439E+01	1.218E+00
9.000E+03	9.002E+00	3.130E+02	5.539E+01	7.862E+00	2.024E+00	2.049E+01	1.638E+01	1.207E+00
9.200E+03	8.712E+00	3.290E+02	5.587E+01	7.963E+00	2.046E+00	2.333E+01	1.870E+01	1.198E+00
9.400E+03	8.420E+00	3.473E+02	5.641E+01	8.077E+00	2.072E+00	2.653E+01	2.124E+01	1.191E+00
9.600E+03	8.126E+00	3.680E+02	5.700E+01	8.206E+00	2.102E+00	2.995E+01	2.389E+01	1.186E+00
9.800E+03	7.830E+00	3.912E+02	5.766E+01	8.349E+00	2.137E+00	3.342E+01	2.652E+01	1.193E+00
1.000E+04	7.534E+00	4.169E+02	5.836E+01	8.507E+00	2.176E+00	3.675E+01	2.896E+01	1.182E+00
1.020E+04	7.240E+00	4.449E+02	5.912E+01	8.678E+00	2.220E+00	3.974E+01	3.109E+01	1.182E+00
1.040E+04	6.952E+00	4.750E+02	5.992E+01	8.861E+00	2.268E+00	4.223E+01	3.279E+01	1.183E+00
1.060E+04	6.672E+00	5.066E+02	6.076E+01	9.053E+00	2.318E+00	4.408E+01	3.399E+01	1.185E+00
1.080E+04	6.404E+00	5.393E+02	6.158E+01	9.252E+00	2.371E+00	4.520E+01	3.465E+01	1.188E+00
1.100E+04	6.149E+00	5.726E+02	6.241E+01	9.457E+00	2.424E+00	4.559E+01	3.477E+01	1.192E+00
1.120E+04	5.907E+00	6.059E+02	6.323E+01	9.664E+00	2.478E+00	4.526E+01	3.439E+01	1.197E+00
1.140E+04	5.685E+00	6.388E+02	6.403E+01	9.873E+00	2.530E+00	4.431E+01	3.357E+01	1.202E+00
1.160E+04	5.478E+00	6.707E+02	6.478E+01	1.008E+01	2.580E+00	4.285E+01	3.240E+01	1.207E+00
1.180E+04	5.287E+00	7.014E+02	6.550E+01	1.029E+01	2.628E+00	4.102E+01	3.097E+01	1.213E+00
1.200E+04	5.112E+00	7.307E+02	6.617E+01	1.049E+01	2.673E+00	3.895E+01	2.938E+01	1.220E+00
1.220E+04	4.951E+00	7.584E+02	6.680E+01	1.069E+01	2.715E+00	3.677E+01	2.771E+01	1.226E+00
1.240E+04	4.803E+00	7.845E+02	6.738E+01	1.088E+01	2.753E+00	3.459E+01	2.605E+01	1.233E+00
1.260E+04	4.667E+00	8.091E+02	6.792E+01	1.107E+01	2.788E+00	3.249E+01	2.445E+01	1.240E+00
1.280E+04	4.542E+00	8.321E+02	6.841E+01	1.125E+01	2.820E+00	3.053E+01	2.296E+01	1.247E+00
1.300E+04	4.427E+00	8.538E+02	6.887E+01	1.143E+01	2.849E+00	2.876E+01	2.161E+01	1.254E+00
1.320E+04	4.320E+00	8.743E+02	6.930E+01	1.160E+01	2.875E+00	2.720E+01	2.042E+01	1.260E+00
1.340E+04	4.220E+00	8.937E+02	6.970E+01	1.176E+01	2.900E+00	2.584E+01	1.939E+01	1.266E+00
1.360E+04	4.127E+00	9.122E+02	7.007E+01	1.192E+01	2.921E+00	2.469E+01	1.852E+01	1.271E+00
1.380E+04	4.039E+00	9.299E+02	7.042E+01	1.207E+01	2.942E+00	2.374E+01	1.780E+01	1.276E+00
1.400E+04	3.956E+00	9.470E+02	7.076E+01	1.221E+01	2.960E+00	2.298E+01	1.722E+01	1.279E+00
1.420E+04	3.878E+00	9.636E+02	7.108E+01	1.235E+01	2.978E+00	2.238E+01	1.678E+01	1.282E+00
1.440E+04	3.803E+00	9.798E+02	7.139E+01	1.248E+01	2.994E+00	2.194E+01	1.645E+01	1.283E+00
1.460E+04	3.732E+00	9.958E+02	7.169E+01	1.260E+01	3.009E+00	2.163E+01	1.623E+01	1.284E+00
1.480E+04	3.664E+00	1.012E+03	7.198E+01	1.272E+01	3.024E+00	2.144E+01	1.611E+01	1.284E+00
1.500E+04	3.598E+00	1.027E+03	7.227E+01	1.283E+01	3.038E+00	2.135E+01	1.607E+01	1.284E+00
1.520E+04	3.535E+00	1.043E+03	7.255E+01	1.294E+01	3.052E+00	2.137E+01	1.610E+01	1.283E+00
1.540E+04	3.474E+00	1.058E+03	7.283E+01	1.304E+01	3.065E+00	2.146E+01	1.620E+01	1.281E+00
1.560E+04	3.415E+00	1.074E+03	7.311E+01	1.314E+01	3.078E+00	2.163E+01	1.635E+01	1.279E+00
1.580E+04	3.357E+00	1.090E+03	7.339E+01	1.324E+01	3.091E+00	2.186E+01	1.656E+01	1.277E+00
1.600E+04	3.301E+00	1.106E+03	7.367E+01	1.334E+01	3.104E+00	2.215E+01	1.680E+01	1.274E+00
1.620E+04	3.247E+00	1.123E+03	7.394E+01	1.344E+01	3.117E+00	2.249E+01	1.709E+01	1.272E+00
1.640E+04	3.194E+00	1.139E+03	7.422E+01	1.354E+01	3.130E+00	2.287E+01	1.741E+01	1.269E+00
1.660E+04	3.142E+00	1.156E+03	7.450E+01	1.363E+01	3.143E+00	2.329E+01	1.775E+01	1.266E+00
1.680E+04	3.092E+00	1.173E+03	7.478E+01	1.373E+01	3.157E+00	2.375E+01	1.812E+01	1.264E+00
1.700E+04	3.042E+00	1.191E+03	7.507E+01	1.383E+01	3.170E+00	2.423E+01	1.852E+01	1.261E+00
1.720E+04	2.994E+00	1.209E+03	7.535E+01	1.392E+01	3.184E+00	2.474E+01	1.893E+01	1.258E+00
1.740E+04	2.946E+00	1.227E+03	7.564E+01	1.402E+01	3.198E+00	2.528E+01	1.935E+01	1.256E+00
1.760E+04	2.900E+00	1.246E+03	7.593E+01	1.412E+01	3.213E+00	2.584E+01	1.980E+01	1.253E+00
1.780E+04	2.856E+00	1.265E+03	7.623E+01	1.422E+01	3.227E+00	2.641E+01	2.025E+01	1.251E+00
1.800E+04	2.809E+00	1.285E+03	7.653E+01	1.432E+01	3.243E+00	2.701E+01	2.071E+01	1.249E+00
1.820E+04	2.765E+00	1.305E+03	7.683E+01	1.442E+01	3.258E+00	2.761E+01	2.118E+01	1.247E+00
1.840E+04	2.722E+00	1.325E+03	7.713E+01	1.452E+01	3.274E+00	2.823E+01	2.166E+01	1.245E+00
1.860E+04	2.679E+00	1.346E+03	7.744E+01	1.463E+01	3.290E+00	2.886E+01	2.214E+01	1.243E+00
1.880E+04	2.637E+00	1.367E+03	7.775E+01	1.473E+01	3.307E+00	2.950E+01	2.262E+01	1.241E+00
1.900E+04	2.596E+00	1.389E+03	7.807E+01	1.484E+01	3.324E+00	3.015E+01	2.311E+01	1.239E+00
1.920E+04	2.556E+00	1.411E+03	7.839E+01	1.495E+01	3.341E+00	3.080E+01	2.359E+01	1.238E+00
1.940E+04	2.516E+00	1.434E+03	7.871E+01	1.506E+01	3.359E+00	3.146E+01	2.408E+01	1.237E+00
1.960E+04	2.477E+00	1.457E+03	7.904E+01	1.517E+01	3.378E+00	3.212E+01	2.457E+01	1.235E+00
1.980E+04	2.438E+00	1.481E+03	7.937E+01	1.528E+01	3.396E+00	3.278E+01	2.505E+01	1.234E+00
2.000E+04	2.400E+00	1.505E+03	7.970E+01	1.539E+01	3.416E+00	3.345E+01	2.553E+01	1.233E+00
2.020E+04	2.363E+00	1.530E+03	8.004E+01	1.551E+01	3.435E+00	3.411E+01	2.600E+01	1.232E+00
2.040E+04	2.326E+00	1.555E+03	8.038E+01	1.563E+01	3.455E+00	3.477E+01	2.647E+01	1.232E+00
2.060E+04	2.290E+00	1.581E+03	8.072E+01	1.575E+01	3.476E+00	3.543E+01	2.693E+01	1.231E+00
2.080E+04	2.254E+00	1.607E+03	8.106E+01	1.587E+01	3.497E+00	3.608E+01	2.739E+01	1.230E+00
2.100E+04	2.218E+00	1.634E+03	8.141E+01	1.599E+01	3.518E+00	3.673E+01	2.784E+01	1.230E+00
2.120E+04	2.185E+00	1.661E+03	8.176E+01	1.611E+01	3.540E+00	3.738E+01	2.828E+01	1.229E+00
2.140E+04	2.151E+00	1.689E+03	8.212E+01	1.624E+01	3.563E+00	3.801E+01	2.870E+01	1.229E+00
2.160E+04	2.117E+00	1.717E+03	8.247E+01	1.636E+01	3.585E+00	3.864E+01	2.912E+01	1.229E+00
2.180E+04	2.084E+00	1.745E+03	8.283E+01	1.649E+01	3.609E+00	3.925E+01	2.953E+01	1.229E+00
2.200E+04	2.052E+00	1.774E+03	8.319E+01	1.662E+01	3.632E+00	3.985E+01	2.992E+01	1.229E+00
2.220E+04	2.020E+00	1.804E+03	8.356E+01	1.675E+01	3.656E+00	4.045E+01	3.030E+01	1.229E+00
2.240E+04	1.989E+00	1.833E+03	8.392E+01	1.688E+01	3.681E+00	4.102E+01	3.067E+01	1.229E+00
2.260E+04	1.958E+00	1.864E+03	8.429E+01	1.702E+01	3.705E+00	4.158E+01	3.102E+01	1.230E+00
2.280E+04	1.928E+00	1.894E+03	8.466E+01	1.715E+01	3.731E+00	4.213E+01	3.136E+01	1.230E+00
2.300E+04	1.898E+00	1.925E+03	8.503E+01	1.729E+01	3.756E+00	4.266E+01	3.168E+01	1.230E+00
2.320E+04	1.869E+00	1.957E+03	8.540E+01	1.743E+01	3.782E+00	4.316E+01	3.198E+01	1.231E+00
2.340E+04	1.840E+00	1.989E+03	8.577E+01	1.757E+01	3.808E+00	4.365E+01	3.227E+01	1.232E+00
2.360E+04	1.812E+00	2.021E+03	8.615E+01	1.771E+01	3.835E+00	4.412E+01	3.254E+01	1.232E+00
2.380E+04	1.784E+00	2.053E+03	8.652E+01	1.786E+01	3.862E+00	4.457E+01	3.279E+01	1.233E+00
2.400E+04	1.757E+00	2.086E+03	8.690E+01	1.800E+01	3.889E+00	4.499E+01	3.302E+01	1.234E+00
2.420E+04	1.730E+00	2.119E+03	8.727E+01	1.815E+01	3.917E+00	4.539E+01	3.323E+01	1.235E+00
2.440E+04	1.704E+00	2.152E+03	8.765E+01	1.829E+01	3.944E+00	4.576E+01	3.343E+01	1.236E+00
2.460E+04	1.678E+00	2.186E+03	8.802E+01	1.844E+01	3.972E+00	4.611E+01	3.360E+01	1.237E+00
2.480E+04	1.653E+00	2.220E+03	8.840E+01	1.859E+01	4.000E+00	4.643E+01	3.375E+01	1.238E+00
2.500E+04	1.628E+00	2.254E+03	8.877E+01	1.874E+01	4.029E+00	4.673E+01	3.389E+01	1.239E+00

Table I. - Continued.

P/PO = 7.00E+02

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	1.913E+03	-1.718E+02	1.497E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	9.564E+02	-1.705E+02	1.749E+01	8.702E-01	1.000E+00	3.511E+00	2.891E+00	1.346E+00
3.000E+02	6.374E+02	-1.690E+02	1.918E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.782E+02	-1.672E+02	2.053E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.826E+02	-1.653E+02	2.169E+01	1.315E+00	1.000E+00	5.264E+00	4.364E+00	1.229E+00
6.000E+02	3.188E+02	-1.633E+02	2.269E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E+02	-1.612E+02	2.359E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E+02	-1.590E+02	2.440E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E+02	-1.567E+02	2.514E+01	1.735E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E+02	-1.543E+02	2.582E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.739E+02	-1.519E+02	2.644E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.594E+02	-1.494E+02	2.703E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.471E+02	-1.470E+02	2.757E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.171E+00
1.400E+03	1.366E+02	-1.444E+02	2.808E+01	2.146E+00	1.000E+00	6.913E+00	5.913E+00	1.169E+00
1.500E+03	1.275E+02	-1.419E+02	2.856E+01	2.219E+00	1.000E+00	6.985E+00	5.985E+00	1.167E+00
1.600E+03	1.195E+02	-1.393E+02	2.901E+01	2.290E+00	1.000E+00	7.057E+00	6.056E+00	1.165E+00
1.700E+03	1.125E+02	-1.367E+02	2.944E+01	2.359E+00	1.000E+00	7.135E+00	6.132E+00	1.164E+00
1.800E+03	1.062E+02	-1.341E+02	2.985E+01	2.426E+00	1.000E+00	7.229E+00	6.222E+00	1.162E+00
1.900E+03	1.006E+02	-1.314E+02	3.025E+01	2.490E+00	1.000E+00	7.346E+00	6.335E+00	1.159E+00
2.000E+03	9.556E+01	-1.287E+02	3.063E+01	2.552E+00	1.001E+00	7.499E+00	6.479E+00	1.157E+00
2.100E+03	9.096E+01	-1.259E+02	3.100E+01	2.613E+00	1.001E+00	7.697E+00	6.665E+00	1.154E+00
2.200E+03	8.675E+01	-1.231E+02	3.136E+01	2.672E+00	1.002E+00	7.950E+00	6.900E+00	1.151E+00
2.300E+03	8.297E+01	-1.201E+02	3.172E+01	2.730E+00	1.004E+00	8.268E+00	7.194E+00	1.148E+00
2.400E+03	7.927E+01	-1.170E+02	3.208E+01	2.787E+00	1.005E+00	8.658E+00	7.551E+00	1.144E+00
2.500E+03	7.592E+01	-1.138E+02	3.244E+01	2.844E+00	1.008E+00	9.125E+00	7.976E+00	1.141E+00
2.600E+03	7.277E+01	-1.103E+02	3.281E+01	2.901E+00	1.011E+00	9.673E+00	8.471E+00	1.138E+00
2.700E+03	6.979E+01	-1.067E+02	3.319E+01	2.958E+00	1.015E+00	1.030E+01	9.033E+00	1.135E+00
2.800E+03	6.697E+01	-1.028E+02	3.358E+01	3.016E+00	1.020E+00	1.101E+01	9.660E+00	1.132E+00
2.900E+03	6.427E+01	-9.860E+01	3.397E+01	3.076E+00	1.026E+00	1.173E+01	1.034E+01	1.130E+00
3.000E+03	6.168E+01	-9.413E+01	3.439E+01	3.138E+00	1.034E+00	1.263E+01	1.107E+01	1.129E+00
3.100E+03	5.919E+01	-8.934E+01	3.482E+01	3.202E+00	1.043E+00	1.353E+01	1.184E+01	1.128E+00
3.200E+03	5.679E+01	-8.422E+01	3.526E+01	3.268E+00	1.053E+00	1.446E+01	1.263E+01	1.127E+00
3.300E+03	5.446E+01	-7.875E+01	3.572E+01	3.337E+00	1.064E+00	1.542E+01	1.342E+01	1.127E+00
3.400E+03	5.222E+01	-7.292E+01	3.620E+01	3.409E+00	1.077E+00	1.638E+01	1.421E+01	1.128E+00
3.500E+03	5.005E+01	-6.675E+01	3.668E+01	3.483E+00	1.092E+00	1.733E+01	1.497E+01	1.129E+00
3.600E+03	4.795E+01	-6.023E+01	3.719E+01	3.561E+00	1.108E+00	1.825E+01	1.568E+01	1.130E+00
3.700E+03	4.593E+01	-5.335E+01	3.770E+01	3.641E+00	1.126E+00	1.912E+01	1.634E+01	1.132E+00
3.800E+03	4.398E+01	-4.624E+01	3.822E+01	3.724E+00	1.144E+00	1.993E+01	1.694E+01	1.134E+00
3.900E+03	4.212E+01	-3.881E+01	3.875E+01	3.809E+00	1.165E+00	2.065E+01	1.746E+01	1.136E+00
4.000E+03	4.033E+01	-3.112E+01	3.928E+01	3.897E+00	1.186E+00	2.129E+01	1.789E+01	1.139E+00
4.100E+03	3.863E+01	-2.322E+01	3.981E+01	3.988E+00	1.208E+00	2.184E+01	1.825E+01	1.141E+00
4.200E+03	3.700E+01	-1.514E+01	4.034E+01	4.080E+00	1.231E+00	2.229E+01	1.852E+01	1.144E+00
4.300E+03	3.546E+01	-6.910E+00	4.087E+01	4.173E+00	1.255E+00	2.265E+01	1.871E+01	1.148E+00
4.400E+03	3.400E+01	1.437E+00	4.140E+01	4.269E+00	1.279E+00	2.292E+01	1.883E+01	1.151E+00
4.500E+03	3.261E+01	9.869E+00	4.191E+01	4.365E+00	1.303E+00	2.312E+01	1.888E+01	1.155E+00
4.600E+03	3.131E+01	1.836E+01	4.242E+01	4.461E+00	1.328E+00	2.324E+01	1.888E+01	1.159E+00
4.700E+03	3.007E+01	2.688E+01	4.292E+01	4.561E+00	1.353E+00	2.330E+01	1.883E+01	1.162E+00
4.800E+03	2.890E+01	3.542E+01	4.341E+01	4.660E+00	1.379E+00	2.331E+01	1.874E+01	1.166E+00
4.900E+03	2.780E+01	4.395E+01	4.389E+01	4.759E+00	1.404E+00	2.328E+01	1.862E+01	1.170E+00
5.000E+03	2.677E+01	5.246E+01	4.436E+01	4.859E+00	1.429E+00	2.321E+01	1.848E+01	1.174E+00
5.100E+03	2.579E+01	6.095E+01	4.482E+01	4.959E+00	1.454E+00	2.311E+01	1.831E+01	1.179E+00
5.200E+03	2.486E+01	6.939E+01	4.527E+01	5.059E+00	1.479E+00	2.298E+01	1.812E+01	1.183E+00
5.300E+03	2.399E+01	7.778E+01	4.571E+01	5.159E+00	1.504E+00	2.283E+01	1.792E+01	1.187E+00
5.400E+03	2.317E+01	8.611E+01	4.613E+01	5.260E+00	1.529E+00	2.264E+01	1.770E+01	1.191E+00
5.500E+03	2.239E+01	9.436E+01	4.655E+01	5.360E+00	1.553E+00	2.243E+01	1.746E+01	1.195E+00
5.600E+03	2.166E+01	1.025E+02	4.695E+01	5.460E+00	1.577E+00	2.218E+01	1.719E+01	1.200E+00
5.700E+03	2.096E+01	1.106E+02	4.734E+01	5.559E+00	1.601E+00	2.190E+01	1.691E+01	1.204E+00
5.800E+03	2.031E+01	1.186E+02	4.772E+01	5.658E+00	1.624E+00	2.158E+01	1.660E+01	1.209E+00
5.900E+03	1.969E+01	1.264E+02	4.808E+01	5.757E+00	1.646E+00	2.122E+01	1.627E+01	1.213E+00
6.000E+03	1.911E+01	1.341E+02	4.844E+01	5.855E+00	1.668E+00	2.082E+01	1.592E+01	1.217E+00
6.100E+03	1.856E+01	1.416E+02	4.878E+01	5.952E+00	1.690E+00	2.039E+01	1.554E+01	1.222E+00
6.200E+03	1.804E+01	1.490E+02	4.911E+01	6.048E+00	1.710E+00	1.992E+01	1.515E+01	1.227E+00
6.300E+03	1.755E+01	1.562E+02	4.942E+01	6.143E+00	1.730E+00	1.942E+01	1.473E+01	1.231E+00
6.400E+03	1.709E+01	1.632E+02	4.972E+01	6.237E+00	1.749E+00	1.890E+01	1.431E+01	1.236E+00
6.500E+03	1.666E+01	1.701E+02	5.001E+01	6.330E+00	1.767E+00	1.836E+01	1.387E+01	1.240E+00
6.600E+03	1.625E+01	1.767E+02	5.029E+01	6.421E+00	1.784E+00	1.781E+01	1.344E+01	1.245E+00
6.700E+03	1.584E+01	1.831E+02	5.055E+01	6.510E+00	1.800E+00	1.726E+01	1.300E+01	1.249E+00
6.800E+03	1.550E+01	1.893E+02	5.080E+01	6.598E+00	1.815E+00	1.671E+01	1.258E+01	1.254E+00
6.900E+03	1.515E+01	1.954E+02	5.104E+01	6.683E+00	1.830E+00	1.618E+01	1.217E+01	1.258E+00
7.000E+03	1.483E+01	2.012E+02	5.127E+01	6.767E+00	1.843E+00	1.567E+01	1.178E+01	1.262E+00
7.100E+03	1.452E+01	2.068E+02	5.149E+01	6.848E+00	1.856E+00	1.519E+01	1.141E+01	1.265E+00
7.200E+03	1.423E+01	2.123E+02	5.170E+01	6.926E+00	1.867E+00	1.475E+01	1.108E+01	1.268E+00
7.300E+03	1.395E+01	2.177E+02	5.190E+01	7.002E+00	1.878E+00	1.435E+01	1.078E+01	1.271E+00
7.400E+03	1.369E+01	2.228E+02	5.209E+01	7.074E+00	1.888E+00	1.400E+01	1.053E+01	1.273E+00
7.500E+03	1.344E+01	2.279E+02	5.228E+01	7.144E+00	1.898E+00	1.370E+01	1.032E+01	1.275E+00
7.600E+03	1.320E+01	2.329E+02	5.246E+01	7.210E+00	1.907E+00	1.347E+01	1.016E+01	1.275E+00
7.700E+03	1.297E+01	2.378E+02	5.264E+01	7.272E+00	1.915E+00	1.330E+01	1.005E+01	1.275E+00
7.800E+03	1.275E+01	2.426E+02	5.281E+01	7.331E+00	1.923E+00	1.320E+01	1.000E+01	1.274E+00
7.900E+03	1.254E+01	2.475E+02	5.297E+01	7.386E+00	1.931E+00	1.318E+01	1.002E+01	1.272E+00
8.000E+03	1.234E+01	2.523E+02	5.314E+01	7.438E+00	1.938E+00	1.323E+01	1.010E+01	1.269E+00
8.200E+03	1.195E+01	2.621E+02	5.347E+01	7.531E+00	1.952E+00	1.362E+01	1.047E+01	1.260E+00



Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0		CP/R	CV/R	GAMMA
8.400E+03	1.159E+01	2.723E+02	5.381E+01	7.615E+00	1.15E+00	1.437E+01	1.117E+01	1.249E+00
8.600E+03	1.124E+01	2.833E+02	5.416E+01	7.694E+00	1.980E+00	1.555E+01	1.221E+01	1.236E+00
8.800E+03	1.090E+01	2.952E+02	5.454E+01	7.774E+00	1.995E+00	1.718E+01	1.360E+01	1.224E+00
9.000E+03	1.054E+01	3.086E+02	5.494E+01	7.859E+00	2.013E+00	1.927E+01	1.536E+01	1.212E+00
9.200E+03	1.023E+01	3.236E+02	5.540E+01	7.954E+00	2.033E+00	2.180E+01	1.743E+01	1.202E+00
9.400E+03	9.895E+00	3.406E+02	5.589E+01	8.061E+00	2.057E+00	2.471E+01	1.977E+01	1.195E+00
9.600E+03	9.560E+00	3.599E+02	5.645E+01	8.182E+00	2.084E+00	2.789E+01	2.226E+01	1.189E+00
9.800E+03	9.224E+00	3.815E+02	5.706E+01	8.317E+00	2.116E+00	3.120E+01	2.479E+01	1.186E+00
1.000E+04	8.886E+00	4.055E+02	5.772E+01	8.466E+00	2.153E+00	3.447E+01	2.723E+01	1.184E+00
1.020E+04	8.551E+00	4.319E+02	5.843E+01	8.629E+00	2.193E+00	3.751E+01	2.943E+01	1.183E+00
1.040E+04	8.219E+00	4.604E+02	5.919E+01	8.803E+00	2.238E+00	4.017E+01	3.128E+01	1.184E+00
1.060E+04	7.896E+00	4.906E+02	5.998E+01	8.988E+00	2.286E+00	4.229E+01	3.270E+01	1.185E+00
1.080E+04	7.583E+00	5.222E+02	6.078E+01	9.181E+00	2.336E+00	4.378E+01	3.364E+01	1.188E+00
1.100E+04	7.284E+00	5.546E+02	6.159E+01	9.380E+00	2.387E+00	4.459E+01	3.407E+01	1.191E+00
1.120E+04	7.001E+00	5.873E+02	6.240E+01	9.584E+00	2.440E+00	4.471E+01	3.400E+01	1.195E+00
1.140E+04	6.735E+00	6.199E+02	6.319E+01	9.790E+00	2.491E+00	4.420E+01	3.350E+01	1.200E+00
1.160E+04	6.487E+00	6.519E+02	6.395E+01	9.996E+00	2.542E+00	4.314E+01	3.261E+01	1.205E+00
1.180E+04	6.258E+00	6.830E+02	6.467E+01	1.020E+01	2.590E+00	4.165E+01	3.142E+01	1.210E+00
1.200E+04	6.046E+00	7.128E+02	6.536E+01	1.040E+01	2.636E+00	3.984E+01	3.002E+01	1.216E+00
1.220E+04	5.851E+00	7.413E+02	6.600E+01	1.060E+01	2.680E+00	3.785E+01	2.849E+01	1.223E+00
1.240E+04	5.672E+00	7.682E+02	6.660E+01	1.080E+01	2.720E+00	3.578E+01	2.691E+01	1.229E+00
1.260E+04	5.507E+00	7.937E+02	6.715E+01	1.099E+01	2.757E+00	3.373E+01	2.535E+01	1.236E+00
1.280E+04	5.356E+00	8.176E+02	6.767E+01	1.117E+01	2.790E+00	3.177E+01	2.386E+01	1.243E+00
1.300E+04	5.216E+00	8.402E+02	6.815E+01	1.135E+01	2.821E+00	2.995E+01	2.248E+01	1.250E+00
1.320E+04	5.086E+00	8.615E+02	6.859E+01	1.153E+01	2.849E+00	2.830E+01	2.123E+01	1.256E+00
1.340E+04	4.965E+00	8.817E+02	6.901E+01	1.169E+01	2.875E+00	2.684E+01	2.012E+01	1.262E+00
1.360E+04	4.853E+00	9.009E+02	6.939E+01	1.185E+01	2.899E+00	2.558E+01	1.916E+01	1.267E+00
1.380E+04	4.747E+00	9.192E+02	6.976E+01	1.201E+01	2.920E+00	2.451E+01	1.835E+01	1.272E+00
1.400E+04	4.648E+00	9.368E+02	7.011E+01	1.215E+01	2.940E+00	2.362E+01	1.769E+01	1.276E+00
1.420E+04	4.554E+00	9.538E+02	7.044E+01	1.229E+01	2.958E+00	2.290E+01	1.715E+01	1.279E+00
1.440E+04	4.465E+00	9.704E+02	7.075E+01	1.243E+01	2.975E+00	2.234E+01	1.674E+01	1.281E+00
1.460E+04	4.380E+00	9.866E+02	7.106E+01	1.255E+01	2.991E+00	2.193E+01	1.644E+01	1.283E+00
1.480E+04	4.299E+00	1.002E+03	7.135E+01	1.267E+01	3.007E+00	2.163E+01	1.623E+01	1.283E+00
1.500E+04	4.221E+00	1.018E+03	7.164E+01	1.279E+01	3.021E+00	2.145E+01	1.612E+01	1.283E+00
1.520E+04	4.147E+00	1.034E+03	7.193E+01	1.290E+01	3.035E+00	2.138E+01	1.608E+01	1.283E+00
1.540E+04	4.075E+00	1.050E+03	7.221E+01	1.301E+01	3.049E+00	2.139E+01	1.612E+01	1.281E+00
1.560E+04	4.005E+00	1.065E+03	7.248E+01	1.311E+01	3.062E+00	2.147E+01	1.621E+01	1.280E+00
1.580E+04	3.938E+00	1.081E+03	7.276E+01	1.321E+01	3.075E+00	2.163E+01	1.636E+01	1.278E+00
1.600E+04	3.872E+00	1.097E+03	7.303E+01	1.331E+01	3.088E+00	2.185E+01	1.656E+01	1.275E+00
1.620E+04	3.809E+00	1.113E+03	7.330E+01	1.341E+01	3.100E+00	2.212E+01	1.679E+01	1.273E+00
1.640E+04	3.747E+00	1.129E+03	7.358E+01	1.351E+01	3.113E+00	2.244E+01	1.706E+01	1.270E+00
1.660E+04	3.686E+00	1.146E+03	7.385E+01	1.360E+01	3.126E+00	2.281E+01	1.737E+01	1.268E+00
1.680E+04	3.627E+00	1.163E+03	7.413E+01	1.370E+01	3.139E+00	2.321E+01	1.770E+01	1.265E+00
1.700E+04	3.570E+00	1.180E+03	7.440E+01	1.379E+01	3.152E+00	2.364E+01	1.805E+01	1.262E+00
1.720E+04	3.514E+00	1.197E+03	7.468E+01	1.389E+01	3.165E+00	2.410E+01	1.843E+01	1.260E+00
1.740E+04	3.458E+00	1.215E+03	7.496E+01	1.399E+01	3.179E+00	2.459E+01	1.882E+01	1.257E+00
1.760E+04	3.404E+00	1.233E+03	7.525E+01	1.408E+01	3.193E+00	2.509E+01	1.923E+01	1.255E+00
1.780E+04	3.351E+00	1.252E+03	7.553E+01	1.418E+01	3.207E+00	2.562E+01	1.965E+01	1.252E+00
1.800E+04	3.299E+00	1.271E+03	7.582E+01	1.428E+01	3.221E+00	2.617E+01	2.008E+01	1.250E+00
1.820E+04	3.248E+00	1.290E+03	7.612E+01	1.438E+01	3.236E+00	2.673E+01	2.052E+01	1.248E+00
1.840E+04	3.193E+00	1.310E+03	7.641E+01	1.448E+01	3.250E+00	2.731E+01	2.097E+01	1.246E+00
1.860E+04	3.145E+00	1.330E+03	7.671E+01	1.458E+01	3.266E+00	2.790E+01	2.142E+01	1.244E+00
1.880E+04	3.101E+00	1.351E+03	7.701E+01	1.468E+01	3.281E+00	2.849E+01	2.188E+01	1.242E+00
1.900E+04	3.053E+00	1.372E+03	7.731E+01	1.479E+01	3.298E+00	2.910E+01	2.234E+01	1.240E+00
1.920E+04	3.006E+00	1.394E+03	7.762E+01	1.489E+01	3.314E+00	2.971E+01	2.280E+01	1.239E+00
1.940E+04	2.960E+00	1.416E+03	7.793E+01	1.500E+01	3.331E+00	3.033E+01	2.326E+01	1.237E+00
1.960E+04	2.915E+00	1.438E+03	7.825E+01	1.510E+01	3.348E+00	3.095E+01	2.372E+01	1.236E+00
1.980E+04	2.871E+00	1.461E+03	7.857E+01	1.521E+01	3.366E+00	3.158E+01	2.418E+01	1.235E+00
2.000E+04	2.827E+00	1.484E+03	7.889E+01	1.532E+01	3.384E+00	3.220E+01	2.464E+01	1.234E+00
2.020E+04	2.784E+00	1.508E+03	7.921E+01	1.544E+01	3.402E+00	3.283E+01	2.510E+01	1.233E+00
2.040E+04	2.741E+00	1.532E+03	7.954E+01	1.555E+01	3.421E+00	3.346E+01	2.555E+01	1.232E+00
2.060E+04	2.699E+00	1.557E+03	7.987E+01	1.566E+01	3.440E+00	3.408E+01	2.599E+01	1.231E+00
2.080E+04	2.658E+00	1.582E+03	8.020E+01	1.578E+01	3.460E+00	3.471E+01	2.643E+01	1.230E+00
2.100E+04	2.618E+00	1.608E+03	8.053E+01	1.590E+01	3.480E+00	3.533E+01	2.686E+01	1.230E+00
2.120E+04	2.578E+00	1.634E+03	8.087E+01	1.602E+01	3.500E+00	3.594E+01	2.729E+01	1.229E+00
2.140E+04	2.538E+00	1.660E+03	8.121E+01	1.614E+01	3.521E+00	3.655E+01	2.770E+01	1.229E+00
2.160E+04	2.500E+00	1.687E+03	8.155E+01	1.626E+01	3.543E+00	3.715E+01	2.811E+01	1.229E+00
2.180E+04	2.462E+00	1.715E+03	8.190E+01	1.639E+01	3.564E+00	3.774E+01	2.850E+01	1.228E+00
2.200E+04	2.424E+00	1.743E+03	8.225E+01	1.651E+01	3.587E+00	3.832E+01	2.889E+01	1.228E+00
2.220E+04	2.387E+00	1.771E+03	8.260E+01	1.664E+01	3.609E+00	3.889E+01	2.926E+01	1.228E+00
2.240E+04	2.351E+00	1.800E+03	8.295E+01	1.677E+01	3.632E+00	3.945E+01	2.962E+01	1.228E+00
2.260E+04	2.316E+00	1.829E+03	8.330E+01	1.690E+01	3.655E+00	4.000E+01	2.997E+01	1.229E+00
2.280E+04	2.280E+00	1.859E+03	8.365E+01	1.703E+01	3.679E+00	4.053E+01	3.031E+01	1.229E+00
2.300E+04	2.246E+00	1.888E+03	8.401E+01	1.716E+01	3.703E+00	4.105E+01	3.063E+01	1.229E+00
2.320E+04	2.212E+00	1.918E+03	8.437E+01	1.730E+01	3.727E+00	4.155E+01	3.093E+01	1.230E+00
2.340E+04	2.179E+00	1.949E+03	8.473E+01	1.743E+01	3.752E+00	4.204E+01	3.122E+01	1.230E+00
2.360E+04	2.146E+00	1.980E+03	8.509E+01	1.757E+01	3.777E+00	4.251E+01	3.150E+01	1.231E+00
2.380E+04	2.114E+00	2.011E+03	8.545E+01	1.771E+01	3.803E+00	4.295E+01	3.175E+01	1.232E+00
2.400E+04	2.082E+00	2.043E+03	8.581E+01	1.785E+01	3.828E+00	4.338E+01	3.200E+01	1.232E+00
2.420E+04	2.051E+00	2.075E+03	8.617E+01	1.799E+01	3.854E+00	4.379E+01	3.222E+01	1.233E+00
2.440E+04	2.020E+00	2.107E+03	8.653E+01	1.813E+01	3.880E+00	4.418E+01	3.243E+01	1.234E+00
2.460E+04	1.990E+00	2.139E+03	8.689E+01	1.827E+01	3.907E+00	4.454E+01	3.262E+01	1.235E+00
2.480E+04	1.961E+00	2.172E+03	8.726E+01	1.842E+01	3.934E+00	4.489E+01	3.279E+01	1.236E+00
2.500E+04	1.932E+00	2.205E+03	8.762E+01	1.856E+01	3.961E+00	4.521E+01	3.294E+01	1.237E+00



Table 1. - Continued.

P/P0 = 8.00E+02

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.186E+03	-1.718E+02	1.483E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.093E+03	-1.705E+02	1.735E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	7.287E+02	-1.690E+02	1.904E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	5.465E+02	-1.572E+02	2.040E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E+02	-1.653E+02	2.155E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E+02	-1.633E+02	2.256E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E+02	-1.612E+02	2.346E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E+02	-1.590E+02	2.427E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E+02	-1.567E+02	2.501E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E+02	-1.543E+02	2.568E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.987E+02	-1.519E+02	2.631E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	1.822E+02	-1.494E+02	2.689E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.682E+02	-1.470E+02	2.744E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.171E+00
1.400E+03	1.562E+02	-1.444E+02	2.795E+01	2.146E+00	1.000E+00	6.913E+00	5.912E+00	1.169E+00
1.500E+03	1.457E+02	-1.419E+02	2.842E+01	2.219E+00	1.000E+00	6.985E+00	5.984E+00	1.167E+00
1.600E+03	1.366E+02	-1.393E+02	2.888E+01	2.290E+00	1.000E+00	7.056E+00	6.054E+00	1.165E+00
1.700E+03	1.286E+02	-1.367E+02	2.931E+01	2.359E+00	1.000E+00	7.133E+00	6.130E+00	1.164E+00
1.800E+03	1.214E+02	-1.341E+02	2.972E+01	2.426E+00	1.000E+00	7.224E+00	6.218E+00	1.162E+00
1.900E+03	1.150E+02	-1.314E+02	3.011E+01	2.490E+00	1.000E+00	7.338E+00	6.327E+00	1.160E+00
2.000E+03	1.092E+02	-1.287E+02	3.049E+01	2.553E+00	1.001E+00	7.485E+00	6.466E+00	1.157E+00
2.100E+03	1.040E+02	-1.260E+02	3.086E+01	2.613E+00	1.001E+00	7.676E+00	6.645E+00	1.155E+00
2.200E+03	9.915E+01	-1.231E+02	3.122E+01	2.673E+00	1.002E+00	7.919E+00	6.871E+00	1.152E+00
2.300E+03	9.472E+01	-1.201E+02	3.158E+01	2.731E+00	1.003E+00	8.224E+00	7.153E+00	1.148E+00
2.400E+03	9.062E+01	-1.171E+02	3.194E+01	2.788E+00	1.005E+00	8.598E+00	7.496E+00	1.145E+00
2.500E+03	8.679E+01	-1.138E+02	3.230E+01	2.844E+00	1.008E+00	9.046E+00	7.904E+00	1.142E+00
2.600E+03	8.320E+01	-1.104E+02	3.266E+01	2.901E+00	1.011E+00	9.571E+00	8.378E+00	1.138E+00
2.700E+03	7.982E+01	-1.068E+02	3.304E+01	2.958E+00	1.014E+00	1.017E+01	8.917E+00	1.136E+00
2.800E+03	7.660E+01	-1.030E+02	3.342E+01	3.016E+00	1.019E+00	1.085E+01	9.519E+00	1.133E+00
2.900E+03	7.353E+01	-9.887E+01	3.381E+01	3.075E+00	1.025E+00	1.160E+01	1.018E+01	1.131E+00
3.000E+03	7.059E+01	-9.448E+01	3.422E+01	3.137E+00	1.032E+00	1.241E+01	1.088E+01	1.129E+00
3.100E+03	6.776E+01	-8.977E+01	3.464E+01	3.200E+00	1.041E+00	1.327E+01	1.162E+01	1.128E+00
3.200E+03	6.504E+01	-8.475E+01	3.508E+01	3.266E+00	1.050E+00	1.418E+01	1.238E+01	1.126E+00
3.300E+03	6.240E+01	-7.939E+01	3.553E+01	3.334E+00	1.062E+00	1.510E+01	1.315E+01	1.128E+00
3.400E+03	5.986E+01	-7.369E+01	3.599E+01	3.404E+00	1.074E+00	1.603E+01	1.391E+01	1.128E+00
3.500E+03	5.739E+01	-6.765E+01	3.647E+01	3.478E+00	1.088E+00	1.696E+01	1.465E+01	1.129E+00
3.600E+03	5.502E+01	-6.128E+01	3.696E+01	3.554E+00	1.104E+00	1.795E+01	1.535E+01	1.130E+00
3.700E+03	5.272E+01	-5.458E+01	3.746E+01	3.633E+00	1.121E+00	1.870E+01	1.600E+01	1.132E+00
3.800E+03	5.052E+01	-4.759E+01	3.797E+01	3.715E+00	1.139E+00	1.950E+01	1.659E+01	1.134E+00
3.900E+03	4.840E+01	-4.032E+01	3.849E+01	3.799E+00	1.158E+00	2.022E+01	1.711E+01	1.136E+00
4.000E+03	4.637E+01	-3.279E+01	3.901E+01	3.886E+00	1.179E+00	2.086E+01	1.755E+01	1.138E+00
4.100E+03	4.443E+01	-2.505E+01	3.953E+01	3.974E+00	1.200E+00	2.141E+01	1.791E+01	1.141E+00
4.200E+03	4.258E+01	-1.713E+01	4.005E+01	4.065E+00	1.222E+00	2.187E+01	1.819E+01	1.144E+00
4.300E+03	4.082E+01	-9.047E+00	4.057E+01	4.158E+00	1.245E+00	2.224E+01	1.839E+01	1.147E+00
4.400E+03	3.915E+01	-8.468E+00	4.108E+01	4.252E+00	1.269E+00	2.253E+01	1.853E+01	1.151E+00
4.500E+03	3.757E+01	7.443E+00	4.159E+01	4.347E+00	1.293E+00	2.274E+01	1.860E+01	1.154E+00
4.600E+03	3.608E+01	1.580E+01	4.209E+01	4.443E+00	1.317E+00	2.288E+01	1.861E+01	1.158E+00
4.700E+03	3.466E+01	2.419E+01	4.259E+01	4.540E+00	1.342E+00	2.295E+01	1.857E+01	1.162E+00
4.800E+03	3.333E+01	3.260E+01	4.307E+01	4.638E+00	1.367E+00	2.298E+01	1.850E+01	1.166E+00
4.900E+03	3.207E+01	4.101E+01	4.354E+01	4.736E+00	1.391E+00	2.296E+01	1.839E+01	1.170E+00
5.000E+03	3.088E+01	4.941E+01	4.401E+01	4.835E+00	1.416E+00	2.291E+01	1.826E+01	1.174E+00
5.100E+03	2.975E+01	5.779E+01	4.446E+01	4.934E+00	1.441E+00	2.282E+01	1.810E+01	1.178E+00
5.200E+03	2.869E+01	6.612E+01	4.490E+01	5.033E+00	1.465E+00	2.271E+01	1.793E+01	1.182E+00
5.300E+03	2.769E+01	7.441E+01	4.533E+01	5.132E+00	1.490E+00	2.257E+01	1.774E+01	1.186E+00
5.400E+03	2.674E+01	8.265E+01	4.575E+01	5.232E+00	1.514E+00	2.240E+01	1.753E+01	1.190E+00
5.500E+03	2.585E+01	9.082E+01	4.616E+01	5.331E+00	1.538E+00	2.221E+01	1.731E+01	1.194E+00
5.600E+03	2.500E+01	9.891E+01	4.656E+01	5.430E+00	1.561E+00	2.199E+01	1.707E+01	1.199E+00
5.700E+03	2.420E+01	1.069E+02	4.695E+01	5.529E+00	1.585E+00	2.174E+01	1.680E+01	1.203E+00
5.800E+03	2.345E+01	1.148E+02	4.733E+01	5.627E+00	1.608E+00	2.145E+01	1.652E+01	1.207E+00
5.900E+03	2.273E+01	1.226E+02	4.769E+01	5.725E+00	1.630E+00	2.113E+01	1.622E+01	1.212E+00
6.000E+03	2.206E+01	1.303E+02	4.804E+01	5.822E+00	1.652E+00	2.078E+01	1.590E+01	1.216E+00
6.100E+03	2.142E+01	1.378E+02	4.838E+01	5.919E+00	1.673E+00	2.039E+01	1.556E+01	1.220E+00
6.200E+03	2.082E+01	1.452E+02	4.871E+01	6.015E+00	1.694E+00	1.997E+01	1.519E+01	1.225E+00
6.300E+03	2.025E+01	1.525E+02	4.903E+01	6.109E+00	1.713E+00	1.952E+01	1.481E+01	1.229E+00
6.400E+03	1.972E+01	1.595E+02	4.933E+01	6.203E+00	1.732E+00	1.904E+01	1.442E+01	1.234E+00
6.500E+03	1.921E+01	1.664E+02	4.962E+01	6.296E+00	1.751E+00	1.855E+01	1.401E+01	1.238E+00
6.600E+03	1.873E+01	1.731E+02	4.990E+01	6.387E+00	1.768E+00	1.804E+01	1.360E+01	1.243E+00
6.700E+03	1.828E+01	1.796E+02	5.017E+01	6.476E+00	1.785E+00	1.752E+01	1.319E+01	1.247E+00
6.800E+03	1.786E+01	1.859E+02	5.043E+01	6.564E+00	1.801E+00	1.700E+01	1.279E+01	1.251E+00
6.900E+03	1.745E+01	1.921E+02	5.067E+01	6.651E+00	1.815E+00	1.649E+01	1.239E+01	1.255E+00
7.000E+03	1.707E+01	1.980E+02	5.090E+01	6.735E+00	1.829E+00	1.599E+01	1.201E+01	1.259E+00
7.100E+03	1.671E+01	2.038E+02	5.113E+01	6.817E+00	1.842E+00	1.552E+01	1.165E+01	1.263E+00
7.200E+03	1.637E+01	2.094E+02	5.134E+01	6.896E+00	1.855E+00	1.507E+01	1.131E+01	1.266E+00
7.300E+03	1.605E+01	2.148E+02	5.155E+01	6.973E+00	1.866E+00	1.467E+01	1.101E+01	1.269E+00
7.400E+03	1.574E+01	2.201E+02	5.174E+01	7.048E+00	1.877E+00	1.430E+01	1.074E+01	1.271E+00
7.500E+03	1.545E+01	2.253E+02	5.193E+01	7.119E+00	1.887E+00	1.398E+01	1.051E+01	1.273E+00
7.600E+03	1.517E+01	2.304E+02	5.212E+01	7.187E+00	1.896E+00	1.372E+01	1.032E+01	1.274E+00
7.700E+03	1.490E+01	2.354E+02	5.229E+01	7.252E+00	1.905E+00	1.351E+01	1.019E+01	1.274E+00
7.800E+03	1.465E+01	2.403E+02	5.247E+01	7.313E+00	1.914E+00	1.337E+01	1.010E+01	1.274E+00
7.900E+03	1.440E+01	2.452E+02	5.264E+01	7.371E+00	1.921E+00	1.329E+01	1.008E+01	1.272E+00
8.000E+03	1.417E+01	2.500E+02	5.281E+01	7.425E+00	1.929E+00	1.329E+01	1.011E+01	1.270E+00
8.200E+03	1.372E+01	2.599E+02	5.314E+01	7.524E+00	1.943E+00	1.353E+01	1.037E+01	1.263E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.330E+01	2.700E+02	5.347E+01	7.612E+00	1.957E+00	1.413E+01	1.093E+01	1.253E+00
8.600E+03	1.289E+01	2.806E+02	5.381E+01	7.693E+00	1.971E+00	1.511E+01	1.180E+01	1.241E+00
8.800E+03	1.251E+01	2.922E+02	5.418E+01	7.773E+00	1.986E+00	1.652E+01	1.302E+01	1.229E+00
9.000E+03	1.213E+01	3.050E+02	5.457E+01	7.856E+00	2.003E+00	1.836E+01	1.457E+01	1.217E+00
9.200E+03	1.175E+01	3.192E+02	5.499E+01	7.947E+00	2.022E+00	2.063E+01	1.645E+01	1.207E+00
9.400E+03	1.138E+01	3.353E+02	5.547E+01	8.049E+00	2.046E+00	2.328E+01	1.860E+01	1.199E+00
9.600E+03	1.100E+01	3.534E+02	5.599E+01	8.164E+00	2.070E+00	2.624E+01	2.094E+01	1.192E+00
9.800E+03	1.063E+01	3.738E+02	5.656E+01	8.292E+00	2.099E+00	2.938E+01	2.337E+01	1.188E+00
1.000E+04	1.025E+01	3.964E+02	5.719E+01	8.434E+00	2.133E+00	3.255E+01	2.576E+01	1.186E+00
1.020E+04	9.871E+00	4.214E+02	5.786E+01	8.590E+00	2.171E+00	3.559E+01	2.798E+01	1.184E+00
1.040E+04	9.498E+00	4.485E+02	5.858E+01	8.757E+00	2.213E+00	3.834E+01	2.993E+01	1.184E+00
1.060E+04	9.132E+00	4.774E+02	5.933E+01	8.935E+00	2.258E+00	4.084E+01	3.150E+01	1.186E+00
1.080E+04	8.777E+00	5.079E+02	6.011E+01	9.122E+00	2.306E+00	4.239E+01	3.264E+01	1.188E+00
1.100E+04	8.435E+00	5.394E+02	6.090E+01	9.316E+00	2.356E+00	4.352E+01	3.331E+01	1.190E+00
1.120E+04	8.109E+00	5.715E+02	6.169E+01	9.516E+00	2.407E+00	4.400E+01	3.351E+01	1.194E+00
1.140E+04	7.801E+00	6.037E+02	6.247E+01	9.719E+00	2.458E+00	4.386E+01	3.326E+01	1.198E+00
1.160E+04	7.513E+00	6.356E+02	6.322E+01	9.923E+00	2.509E+00	4.315E+01	3.262E+01	1.203E+00
1.180E+04	7.245E+00	6.667E+02	6.395E+01	1.013E+01	2.557E+00	4.197E+01	3.165E+01	1.208E+00
1.200E+04	6.996E+00	6.969E+02	6.465E+01	1.033E+01	2.604E+00	4.043E+01	3.044E+01	1.214E+00
1.220E+04	6.767E+00	7.259E+02	6.530E+01	1.053E+01	2.648E+00	3.864E+01	2.906E+01	1.220E+00
1.240E+04	6.555E+00	7.535E+02	6.591E+01	1.073E+01	2.690E+00	3.671E+01	2.758E+01	1.226E+00
1.260E+04	6.360E+00	7.794E+02	6.648E+01	1.092E+01	2.728E+00	3.474E+01	2.608E+01	1.233E+00
1.280E+04	6.181E+00	8.044E+02	6.702E+01	1.110E+01	2.763E+00	3.281E+01	2.462E+01	1.239E+00
1.300E+04	6.015E+00	8.277E+02	6.751E+01	1.129E+01	2.796E+00	3.097E+01	2.323E+01	1.246E+00
1.320E+04	5.862E+00	8.497E+02	6.797E+01	1.146E+01	2.825E+00	2.928E+01	2.194E+01	1.252E+00
1.340E+04	5.719E+00	8.706E+02	6.840E+01	1.163E+01	2.853E+00	2.775E+01	2.079E+01	1.258E+00
1.360E+04	5.587E+00	8.904E+02	6.880E+01	1.179E+01	2.877E+00	2.640E+01	1.977E+01	1.264E+00
1.380E+04	5.463E+00	9.093E+02	6.918E+01	1.195E+01	2.900E+00	2.524E+01	1.889E+01	1.269E+00
1.400E+04	5.346E+00	9.274E+02	6.953E+01	1.210E+01	2.921E+00	2.425E+01	1.815E+01	1.273E+00
1.420E+04	5.236E+00	9.449E+02	6.987E+01	1.224E+01	2.940E+00	2.344E+01	1.754E+01	1.276E+00
1.440E+04	5.132E+00	9.618E+02	7.019E+01	1.238E+01	2.958E+00	2.278E+01	1.705E+01	1.279E+00
1.460E+04	5.033E+00	9.782E+02	7.050E+01	1.251E+01	2.975E+00	2.227E+01	1.668E+01	1.281E+00
1.480E+04	4.939E+00	9.944E+02	7.080E+01	1.264E+01	2.991E+00	2.189E+01	1.641E+01	1.282E+00
1.500E+04	4.849E+00	1.010E+03	7.110E+01	1.275E+01	3.006E+00	2.162E+01	1.623E+01	1.283E+00
1.520E+04	4.762E+00	1.026E+03	7.138E+01	1.287E+01	3.020E+00	2.146E+01	1.613E+01	1.282E+00
1.540E+04	4.679E+00	1.042E+03	7.166E+01	1.298E+01	3.034E+00	2.140E+01	1.611E+01	1.281E+00
1.560E+04	4.599E+00	1.057E+03	7.194E+01	1.308E+01	3.047E+00	2.142E+01	1.615E+01	1.280E+00
1.580E+04	4.521E+00	1.073E+03	7.221E+01	1.319E+01	3.060E+00	2.151E+01	1.625E+01	1.278E+00
1.600E+04	4.446E+00	1.089E+03	7.248E+01	1.329E+01	3.073E+00	2.167E+01	1.640E+01	1.276E+00
1.620E+04	4.373E+00	1.105E+03	7.275E+01	1.338E+01	3.086E+00	2.188E+01	1.659E+01	1.274E+00
1.640E+04	4.302E+00	1.121E+03	7.302E+01	1.348E+01	3.098E+00	2.215E+01	1.682E+01	1.271E+00
1.660E+04	4.233E+00	1.137E+03	7.329E+01	1.358E+01	3.111E+00	2.246E+01	1.709E+01	1.269E+00
1.680E+04	4.166E+00	1.154E+03	7.356E+01	1.367E+01	3.124E+00	2.281E+01	1.738E+01	1.266E+00
1.700E+04	4.100E+00	1.171E+03	7.384E+01	1.377E+01	3.136E+00	2.319E+01	1.770E+01	1.264E+00
1.720E+04	4.036E+00	1.188E+03	7.411E+01	1.386E+01	3.149E+00	2.361E+01	1.804E+01	1.261E+00
1.740E+04	3.973E+00	1.205E+03	7.438E+01	1.396E+01	3.162E+00	2.405E+01	1.840E+01	1.258E+00
1.760E+04	3.911E+00	1.223E+03	7.466E+01	1.405E+01	3.176E+00	2.452E+01	1.878E+01	1.256E+00
1.780E+04	3.851E+00	1.241E+03	7.494E+01	1.415E+01	3.189E+00	2.501E+01	1.917E+01	1.253E+00
1.800E+04	3.792E+00	1.260E+03	7.522E+01	1.424E+01	3.203E+00	2.551E+01	1.958E+01	1.251E+00
1.820E+04	3.734E+00	1.279E+03	7.551E+01	1.434E+01	3.217E+00	2.604E+01	1.999E+01	1.249E+00
1.840E+04	3.677E+00	1.298E+03	7.580E+01	1.444E+01	3.231E+00	2.658E+01	2.041E+01	1.247E+00
1.860E+04	3.621E+00	1.317E+03	7.609E+01	1.454E+01	3.246E+00	2.713E+01	2.084E+01	1.245E+00
1.880E+04	3.566E+00	1.338E+03	7.638E+01	1.464E+01	3.261E+00	2.769E+01	2.128E+01	1.243E+00
1.900E+04	3.512E+00	1.358E+03	7.668E+01	1.474E+01	3.276E+00	2.826E+01	2.172E+01	1.241E+00
1.920E+04	3.459E+00	1.379E+03	7.697E+01	1.484E+01	3.291E+00	2.884E+01	2.216E+01	1.239E+00
1.940E+04	3.407E+00	1.400E+03	7.728E+01	1.495E+01	3.307E+00	2.942E+01	2.260E+01	1.238E+00
1.960E+04	3.356E+00	1.422E+03	7.758E+01	1.505E+01	3.324E+00	3.001E+01	2.304E+01	1.236E+00
1.980E+04	3.305E+00	1.444E+03	7.789E+01	1.516E+01	3.340E+00	3.061E+01	2.348E+01	1.235E+00
2.000E+04	3.256E+00	1.467E+03	7.820E+01	1.527E+01	3.357E+00	3.120E+01	2.392E+01	1.234E+00
2.020E+04	3.207E+00	1.490E+03	7.851E+01	1.538E+01	3.375E+00	3.180E+01	2.436E+01	1.233E+00
2.040E+04	3.159E+00	1.513E+03	7.883E+01	1.549E+01	3.393E+00	3.240E+01	2.479E+01	1.232E+00
2.060E+04	3.111E+00	1.537E+03	7.915E+01	1.560E+01	3.411E+00	3.299E+01	2.522E+01	1.231E+00
2.080E+04	3.065E+00	1.562E+03	7.947E+01	1.571E+01	3.429E+00	3.359E+01	2.564E+01	1.230E+00
2.100E+04	3.019E+00	1.587E+03	7.979E+01	1.583E+01	3.448E+00	3.418E+01	2.606E+01	1.230E+00
2.120E+04	2.974E+00	1.612E+03	8.012E+01	1.594E+01	3.468E+00	3.477E+01	2.647E+01	1.229E+00
2.140E+04	2.929E+00	1.637E+03	8.045E+01	1.606E+01	3.488E+00	3.535E+01	2.688E+01	1.229E+00
2.160E+04	2.885E+00	1.664E+03	8.078E+01	1.618E+01	3.508E+00	3.593E+01	2.727E+01	1.228E+00
2.180E+04	2.842E+00	1.690E+03	8.111E+01	1.630E+01	3.528E+00	3.650E+01	2.766E+01	1.228E+00
2.200E+04	2.800E+00	1.717E+03	8.145E+01	1.642E+01	3.549E+00	3.706E+01	2.803E+01	1.228E+00
2.220E+04	2.758E+00	1.744E+03	8.179E+01	1.655E+01	3.571E+00	3.761E+01	2.840E+01	1.228E+00
2.240E+04	2.717E+00	1.772E+03	8.213E+01	1.667E+01	3.592E+00	3.815E+01	2.875E+01	1.228E+00
2.260E+04	2.676E+00	1.800E+03	8.247E+01	1.680E+01	3.614E+00	3.869E+01	2.910E+01	1.228E+00
2.280E+04	2.637E+00	1.829E+03	8.281E+01	1.692E+01	3.637E+00	3.921E+01	2.943E+01	1.228E+00
2.300E+04	2.597E+00	1.858E+03	8.316E+01	1.705E+01	3.659E+00	3.971E+01	2.975E+01	1.228E+00
2.320E+04	2.559E+00	1.887E+03	8.350E+01	1.718E+01	3.683E+00	4.021E+01	3.005E+01	1.229E+00
2.340E+04	2.521E+00	1.916E+03	8.385E+01	1.732E+01	3.706E+00	4.069E+01	3.034E+01	1.229E+00
2.36E+04	2.484E+00	1.946E+03	8.420E+01	1.745E+01	3.730E+00	4.115E+01	3.062E+01	1.230E+00
2.380E+04	2.447E+00	1.977E+03	8.455E+01	1.758E+01	3.754E+00	4.160E+01	3.088E+01	1.230E+00
2.400E+04	2.411E+00	2.007E+03	8.490E+01	1.772E+01	3.778E+00	4.203E+01	3.113E+01	1.231E+00
2.420E+04	2.375E+00	2.038E+03	8.525E+01	1.786E+01	3.803E+00	4.244E+01	3.136E+01	1.232E+00
2.440E+04	2.341E+00	2.069E+03	8.560E+01	1.800E+01	3.828E+00	4.283E+01	3.157E+01	1.233E+00
2.460E+04	2.306E+00	2.101E+03	8.595E+01	1.813E+01	3.853E+00	4.320E+01	3.177E+01	1.233E+00
2.480E+04	2.273E+00	2.133E+03	8.630E+01	1.828E+01	3.878E+00	4.356E+01	3.196E+01	1.234E+00
2.500E+04	2.240E+00	2.165E+03	8.665E+01	1.842E+01	3.904E+00	4.389E+01	3.212E+01	1.236E+00

Table 1. - Continued.

P/PO = 9.00E+02

T	RMO/RMO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.459E+03	-1.718E+02	1.471E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.230E+03	-1.705E+02	1.724E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	8.198E+02	-1.690E+02	1.893E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E+02	-1.672E+02	2.028E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E+02	-1.653E+02	2.144E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E+02	-1.633E+02	2.244E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E+02	-1.612E+02	2.334E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E+02	-1.590E+02	2.415E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E+02	-1.567E+02	2.489E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E+02	-1.543E+02	2.557E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.236E+02	-1.519E+02	2.619E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.050E+02	-1.494E+02	2.677E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.892E+02	-1.470E+02	2.732E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.171E+00
1.400E+03	1.757E+02	-1.444E+02	2.783E+01	2.146E+00	1.000E+00	6.912E+00	5.912E+00	1.169E+00
1.500E+03	1.640E+02	-1.419E+02	2.831E+01	2.219E+00	1.000E+00	6.984E+00	5.984E+00	1.167E+00
1.600E+03	1.537E+02	-1.393E+02	2.876E+01	2.290E+00	1.000E+00	7.055E+00	6.055E+00	1.165E+00
1.700E+03	1.447E+02	-1.367E+02	2.919E+01	2.359E+00	1.000E+00	7.130E+00	6.127E+00	1.164E+00
1.800E+03	1.366E+02	-1.341E+02	2.960E+01	2.426E+00	1.000E+00	7.219E+00	6.214E+00	1.162E+00
1.900E+03	1.294E+02	-1.314E+02	2.999E+01	2.490E+00	1.000E+00	7.330E+00	6.320E+00	1.160E+00
2.000E+03	1.229E+02	-1.287E+02	3.037E+01	2.553E+00	1.001E+00	7.473E+00	6.455E+00	1.157E+00
2.100E+03	1.170E+02	-1.260E+02	3.074E+01	2.614E+00	1.001E+00	7.658E+00	6.628E+00	1.155E+00
2.200E+03	1.116E+02	-1.231E+02	3.110E+01	2.673E+00	1.002E+00	7.893E+00	6.847E+00	1.152E+00
2.300E+03	1.066E+02	-1.202E+02	3.146E+01	2.731E+00	1.003E+00	8.187E+00	7.119E+00	1.149E+00
2.400E+03	1.020E+02	-1.171E+02	3.182E+01	2.788E+00	1.005E+00	8.547E+00	7.449E+00	1.145E+00
2.500E+03	9.767E+01	-1.139E+02	3.217E+01	2.844E+00	1.007E+00	8.979E+00	7.842E+00	1.142E+00
2.600E+03	9.364E+01	-1.105E+02	3.253E+01	2.901E+00	1.010E+00	9.485E+00	8.299E+00	1.139E+00
2.700E+03	8.984E+01	-1.070E+02	3.290E+01	2.958E+00	1.014E+00	1.007E+01	8.819E+00	1.136E+00
2.800E+03	8.624E+01	-1.032E+02	3.328E+01	3.016E+00	1.019E+00	1.072E+01	9.399E+00	1.134E+00
2.900E+03	8.280E+01	-9.910E+01	3.367E+01	3.075E+00	1.024E+00	1.144E+01	1.003E+01	1.132E+00
3.000E+03	7.951E+01	-9.477E+01	3.407E+01	3.136E+00	1.031E+00	1.222E+01	1.071E+01	1.130E+00
3.100E+03	7.634E+01	-9.014E+01	3.449E+01	3.198E+00	1.039E+00	1.306E+01	1.143E+01	1.129E+00
3.200E+03	7.330E+01	-8.520E+01	3.491E+01	3.263E+00	1.049E+00	1.393E+01	1.216E+01	1.128E+00
3.300E+03	7.035E+01	-7.994E+01	3.536E+01	3.331E+00	1.059E+00	1.483E+01	1.291E+01	1.128E+00
3.400E+03	6.751E+01	-7.434E+01	3.581E+01	3.401E+00	1.072E+00	1.573E+01	1.365E+01	1.128E+00
3.500E+03	6.476E+01	-6.842E+01	3.628E+01	3.473E+00	1.085E+00	1.663E+01	1.437E+01	1.129E+00
3.600E+03	6.210E+01	-6.217E+01	3.676E+01	3.549E+00	1.100E+00	1.751E+01	1.506E+01	1.130E+00
3.700E+03	5.954E+01	-5.560E+01	3.725E+01	3.627E+00	1.116E+00	1.834E+01	1.570E+01	1.132E+00
3.800E+03	5.708E+01	-4.874E+01	3.775E+01	3.707E+00	1.134E+00	1.913E+01	1.629E+01	1.134E+00
3.900E+03	5.471E+01	-4.160E+01	3.826E+01	3.790E+00	1.153E+00	1.984E+01	1.680E+01	1.136E+00
4.000E+03	5.243E+01	-3.422E+01	3.877E+01	3.876E+00	1.173E+00	2.048E+01	1.725E+01	1.138E+00
4.100E+03	5.026E+01	-2.662E+01	3.928E+01	3.963E+00	1.194E+00	2.103E+01	1.761E+01	1.141E+00
4.200E+03	4.819E+01	-1.883E+01	3.980E+01	4.053E+00	1.215E+00	2.150E+01	1.790E+01	1.144E+00
4.300E+03	4.621E+01	-1.088E+01	4.031E+01	4.144E+00	1.238E+00	2.188E+01	1.812E+01	1.147E+00
4.400E+03	4.434E+01	-2.811E+00	4.081E+01	4.237E+00	1.261E+00	2.218E+01	1.826E+01	1.151E+00
4.500E+03	4.256E+01	5.355E+00	4.131E+01	4.331E+00	1.284E+00	2.240E+01	1.835E+01	1.154E+00
4.600E+03	4.088E+01	1.359E+01	4.181E+01	4.426E+00	1.308E+00	2.256E+01	1.837E+01	1.158E+00
4.700E+03	3.929E+01	2.187E+01	4.229E+01	4.522E+00	1.332E+00	2.265E+01	1.835E+01	1.161E+00
4.800E+03	3.778E+01	3.017E+01	4.277E+01	4.619E+00	1.356E+00	2.268E+01	1.829E+01	1.165E+00
4.900E+03	3.636E+01	3.847E+01	4.324E+01	4.716E+00	1.380E+00	2.268E+01	1.819E+01	1.167E+00
5.000E+03	3.502E+01	4.677E+01	4.370E+01	4.814E+00	1.405E+00	2.263E+01	1.807E+01	1.170E+00
5.100E+03	3.375E+01	5.505E+01	4.415E+01	4.912E+00	1.429E+00	2.256E+01	1.792E+01	1.172E+00
5.200E+03	3.255E+01	6.329E+01	4.458E+01	5.010E+00	1.453E+00	2.246E+01	1.776E+01	1.181E+00
5.300E+03	3.142E+01	7.149E+01	4.501E+01	5.109E+00	1.477E+00	2.233E+01	1.758E+01	1.185E+00
5.400E+03	3.035E+01	7.964E+01	4.543E+01	5.207E+00	1.501E+00	2.218E+01	1.738E+01	1.189E+00
5.500E+03	2.933E+01	8.774E+01	4.583E+01	5.305E+00	1.524E+00	2.201E+01	1.717E+01	1.193E+00
5.600E+03	2.838E+01	9.576E+01	4.623E+01	5.404E+00	1.548E+00	2.181E+01	1.694E+01	1.198E+00
5.700E+03	2.747E+01	1.037E+02	4.661E+01	5.502E+00	1.571E+00	2.158E+01	1.670E+01	1.202E+00
5.800E+03	2.661E+01	1.116E+02	4.698E+01	5.599E+00	1.593E+00	2.132E+01	1.644E+01	1.206E+00
5.900E+03	2.580E+01	1.193E+02	4.735E+01	5.697E+00	1.616E+00	2.104E+01	1.616E+01	1.210E+00
6.000E+03	2.504E+01	1.270E+02	4.770E+01	5.793E+00	1.637E+00	2.072E+01	1.586E+01	1.215E+00
6.100E+03	2.431E+01	1.345E+02	4.804E+01	5.889E+00	1.658E+00	2.037E+01	1.555E+01	1.219E+00
6.200E+03	2.363E+01	1.419E+02	4.836E+01	5.985E+00	1.679E+00	1.998E+01	1.521E+01	1.223E+00
6.300E+03	2.298E+01	1.491E+02	4.868E+01	6.079E+00	1.699E+00	1.957E+01	1.486E+01	1.228E+00
6.400E+03	2.237E+01	1.562E+02	4.899E+01	6.173E+00	1.718E+00	1.914E+01	1.449E+01	1.232E+00
6.500E+03	2.179E+01	1.631E+02	4.928E+01	6.265E+00	1.736E+00	1.868E+01	1.411E+01	1.236E+00
6.600E+03	2.124E+01	1.699E+02	4.956E+01	6.357E+00	1.754E+00	1.820E+01	1.373E+01	1.241E+00
6.700E+03	2.073E+01	1.765E+02	4.983E+01	6.446E+00	1.771E+00	1.771E+01	1.334E+01	1.245E+00
6.800E+03	2.024E+01	1.829E+02	5.009E+01	6.535E+00	1.787E+00	1.722E+01	1.295E+01	1.249E+00
6.900E+03	1.978E+01	1.891E+02	5.034E+01	6.621E+00	1.802E+00	1.673E+01	1.257E+01	1.253E+00
7.000E+03	1.934E+01	1.951E+02	5.058E+01	6.706E+00	1.817E+00	1.625E+01	1.220E+01	1.257E+00
7.100E+03	1.893E+01	2.010E+02	5.080E+01	6.788E+00	1.830E+00	1.579E+01	1.184E+01	1.261E+00
7.200E+03	1.853E+01	2.067E+02	5.102E+01	6.869E+00	1.843E+00	1.535E+01	1.151E+01	1.264E+00
7.300E+03	1.816E+01	2.122E+02	5.123E+01	6.947E+00	1.855E+00	1.494E+01	1.120E+01	1.267E+00
7.400E+03	1.781E+01	2.176E+02	5.143E+01	7.023E+00	1.866E+00	1.456E+01	1.092E+01	1.270E+00
7.500E+03	1.747E+01	2.229E+02	5.162E+01	7.095E+00	1.877E+00	1.423E+01	1.068E+01	1.272E+00
7.600E+03	1.715E+01	2.281E+02	5.181E+01	7.165E+00	1.887E+00	1.394E+01	1.048E+01	1.273E+00
7.700E+03	1.685E+01	2.331E+02	5.199E+01	7.232E+00	1.896E+00	1.371E+01	1.032E+01	1.274E+00
7.800E+03	1.656E+01	2.381E+02	5.217E+01	7.295E+00	1.905E+00	1.354E+01	1.021E+01	1.273E+00
7.900E+03	1.628E+01	2.430E+02	5.234E+01	7.355E+00	1.913E+00	1.342E+01	1.015E+01	1.273E+00
8.000E+03	1.601E+01	2.480E+02	5.251E+01	7.411E+00	1.921E+00	1.338E+01	1.015E+01	1.271E+00
8.200E+03	1.550E+01	2.578E+02	5.284E+01	7.515E+00	1.936E+00	1.351E+01	1.032E+01	1.265E+00

Table I. - Continued.

I	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.502E+01	2.678E+02	5.317E+01	7.607E+00	1.950E+00	1.397E+01	1.077E+01	1.256E+00
8.600E+03	1.456E+01	2.784E+02	5.351E+01	7.691E+00	1.964E+00	1.480E+01	1.151E+01	1.245E+00
8.800E+03	1.412E+01	2.896E+02	5.386E+01	7.771E+00	1.979E+00	1.602E+01	1.257E+01	1.233E+00
9.000E+03	1.370E+01	3.019E+02	5.424E+01	7.854E+00	1.995E+00	1.765E+01	1.396E+01	1.221E+00
9.200E+03	1.328E+01	3.156E+02	5.465E+01	7.942E+00	2.013E+00	1.970E+01	1.567E+01	1.211E+00
9.400E+03	1.287E+01	3.309E+02	5.510E+01	8.040E+00	2.034E+00	2.214E+01	1.766E+01	1.202E+00
9.600E+03	1.245E+01	3.481E+02	5.559E+01	8.150E+00	2.058E+00	2.489E+01	1.986E+01	1.195E+00
9.800E+03	1.203E+01	3.674E+02	5.614E+01	8.273E+00	2.085E+00	2.787E+01	2.218E+01	1.190E+00
1.000E+04	1.162E+01	3.889E+02	5.673E+01	8.409E+00	2.117E+00	3.093E+01	2.450E+01	1.187E+00
1.020E+04	1.120E+01	4.127E+02	5.737E+01	8.557E+00	2.153E+00	3.393E+01	2.672E+01	1.186E+00
1.040E+04	1.079E+01	4.386E+02	5.806E+01	8.718E+00	2.192E+00	3.671E+01	2.872E+01	1.185E+00
1.060E+04	1.038E+01	4.664E+02	5.878E+01	8.891E+00	2.235E+00	3.913E+01	3.040E+01	1.186E+00
1.080E+04	9.982E+00	4.958E+02	5.953E+01	9.072E+00	2.281E+00	4.107E+01	3.169E+01	1.187E+00
1.100E+04	9.598E+00	5.264E+02	6.030E+01	9.272E+00	2.330E+00	4.244E+01	3.255E+01	1.190E+00
1.120E+04	9.230E+00	5.578E+02	6.107E+01	9.457E+00	2.379E+00	4.321E+01	3.296E+01	1.193E+00
1.140E+04	8.881E+00	5.895E+02	6.184E+01	9.656E+00	2.429E+00	4.338E+01	3.293E+01	1.197E+00
1.160E+04	8.552E+00	6.212E+02	6.259E+01	9.858E+00	2.479E+00	4.298E+01	3.251E+01	1.201E+00
1.180E+04	8.245E+00	6.523E+02	6.332E+01	1.006E+01	2.528E+00	4.209E+01	3.174E+01	1.206E+00
1.200E+04	7.960E+00	6.827E+02	6.402E+01	1.026E+01	2.575E+00	4.079E+01	3.070E+01	1.212E+00
1.220E+04	7.695E+00	7.120E+02	6.468E+01	1.046E+01	2.620E+00	3.921E+01	2.946E+01	1.217E+00
1.240E+04	7.451E+00	7.401E+02	6.530E+01	1.066E+01	2.662E+00	3.743E+01	2.810E+01	1.223E+00
1.260E+04	7.225E+00	7.668E+02	6.589E+01	1.085E+01	2.702E+00	3.556E+01	2.667E+01	1.230E+00
1.280E+04	7.017E+00	7.921E+02	6.643E+01	1.104E+01	2.738E+00	3.368E+01	2.525E+01	1.236E+00
1.300E+04	6.825E+00	8.161E+02	6.694E+01	1.122E+01	2.772E+00	3.186E+01	2.387E+01	1.243E+00
1.320E+04	6.647E+00	8.388E+02	6.741E+01	1.140E+01	2.803E+00	3.015E+01	2.257E+01	1.249E+00
1.340E+04	6.482E+00	8.603E+02	6.785E+01	1.157E+01	2.831E+00	2.858E+01	2.139E+01	1.255E+00
1.360E+04	6.329E+00	8.807E+02	6.827E+01	1.174E+01	2.857E+00	2.717E+01	2.032E+01	1.260E+00
1.380E+04	6.185E+00	9.001E+02	6.865E+01	1.190E+01	2.881E+00	2.593E+01	1.939E+01	1.266E+00
1.400E+04	6.051E+00	9.187E+02	6.902E+01	1.205E+01	2.903E+00	2.487E+01	1.859E+01	1.270E+00
1.420E+04	5.924E+00	9.366E+02	6.937E+01	1.220E+01	2.924E+00	2.397E+01	1.792E+01	1.274E+00
1.440E+04	5.805E+00	9.538E+02	6.970E+01	1.234E+01	2.942E+00	2.323E+01	1.737E+01	1.277E+00
1.460E+04	5.691E+00	9.706E+02	7.001E+01	1.247E+01	2.960E+00	2.263E+01	1.694E+01	1.279E+00
1.480E+04	5.583E+00	9.870E+02	7.032E+01	1.260E+01	2.976E+00	2.217E+01	1.661E+01	1.281E+00
1.500E+04	5.481E+00	1.003E+03	7.061E+01	1.272E+01	2.992E+00	2.183E+01	1.637E+01	1.281E+00
1.520E+04	5.382E+00	1.019E+03	7.090E+01	1.284E+01	3.006E+00	2.160E+01	1.622E+01	1.282E+00
1.540E+04	5.287E+00	1.035E+03	7.118E+01	1.295E+01	3.021E+00	2.147E+01	1.614E+01	1.281E+00
1.560E+04	5.196E+00	1.050E+03	7.146E+01	1.305E+01	3.034E+00	2.142E+01	1.614E+01	1.280E+00
1.580E+04	5.108E+00	1.066E+03	7.173E+01	1.316E+01	3.047E+00	2.146E+01	1.619E+01	1.279E+00
1.600E+04	5.023E+00	1.082E+03	7.200E+01	1.326E+01	3.060E+00	2.156E+01	1.630E+01	1.277E+00
1.620E+04	4.940E+00	1.098E+03	7.227E+01	1.336E+01	3.073E+00	2.172E+01	1.645E+01	1.275E+00
1.640E+04	4.860E+00	1.114E+03	7.254E+01	1.346E+01	3.085E+00	2.194E+01	1.665E+01	1.272E+00
1.660E+04	4.782E+00	1.130E+03	7.280E+01	1.355E+01	3.098E+00	2.220E+01	1.688E+01	1.270E+00
1.680E+04	4.707E+00	1.146E+03	7.307E+01	1.365E+01	3.110E+00	2.251E+01	1.714E+01	1.267E+00
1.700E+04	4.633E+00	1.163E+03	7.334E+01	1.374E+01	3.123E+00	2.285E+01	1.743E+01	1.265E+00
1.720E+04	4.560E+00	1.180E+03	7.361E+01	1.383E+01	3.136E+00	2.322E+01	1.774E+01	1.262E+00
1.740E+04	4.490E+00	1.197E+03	7.388E+01	1.393E+01	3.148E+00	2.363E+01	1.808E+01	1.259E+00
1.760E+04	4.421E+00	1.214E+03	7.415E+01	1.403E+01	3.161E+00	2.406E+01	1.843E+01	1.257E+00
1.780E+04	4.353E+00	1.232E+03	7.443E+01	1.412E+01	3.174E+00	2.451E+01	1.875E+01	1.254E+00
1.800E+04	4.287E+00	1.250E+03	7.470E+01	1.422E+01	3.187E+00	2.498E+01	1.917E+01	1.252E+00
1.820E+04	4.222E+00	1.269E+03	7.498E+01	1.431E+01	3.201E+00	2.548E+01	1.957E+01	1.250E+00
1.840E+04	4.158E+00	1.288E+03	7.526E+01	1.441E+01	3.215E+00	2.598E+01	1.997E+01	1.248E+00
1.860E+04	4.096E+00	1.307E+03	7.555E+01	1.451E+01	3.229E+00	2.650E+01	2.037E+01	1.246E+00
1.880E+04	4.034E+00	1.326E+03	7.583E+01	1.460E+01	3.243E+00	2.703E+01	2.079E+01	1.244E+00
1.900E+04	3.974E+00	1.346E+03	7.612E+01	1.470E+01	3.257E+00	2.757E+01	2.121E+01	1.242E+00
1.920E+04	3.914E+00	1.367E+03	7.641E+01	1.480E+01	3.272E+00	2.812E+01	2.163E+01	1.240E+00
1.940E+04	3.856E+00	1.387E+03	7.671E+01	1.491E+01	3.288E+00	2.868E+01	2.205E+01	1.238E+00
1.960E+04	3.799E+00	1.409E+03	7.700E+01	1.501E+01	3.303E+00	2.924E+01	2.248E+01	1.237E+00
1.980E+04	3.742E+00	1.430E+03	7.730E+01	1.511E+01	3.319E+00	2.980E+01	2.290E+01	1.235E+00
2.000E+04	3.687E+00	1.452E+03	7.761E+01	1.522E+01	3.335E+00	3.037E+01	2.332E+01	1.234E+00
2.020E+04	3.632E+00	1.475E+03	7.791E+01	1.532E+01	3.352E+00	3.094E+01	2.374E+01	1.233E+00
2.040E+04	3.579E+00	1.498E+03	7.822E+01	1.543E+01	3.369E+00	3.151E+01	2.416E+01	1.232E+00
2.060E+04	3.526E+00	1.521E+03	7.853E+01	1.554E+01	3.386E+00	3.208E+01	2.458E+01	1.231E+00
2.080E+04	3.474E+00	1.545E+03	7.884E+01	1.565E+01	3.404E+00	3.265E+01	2.499E+01	1.230E+00
2.100E+04	3.422E+00	1.569E+03	7.916E+01	1.577E+01	3.422E+00	3.322E+01	2.539E+01	1.230E+00
2.120E+04	3.372E+00	1.593E+03	7.947E+01	1.588E+01	3.440E+00	3.379E+01	2.579E+01	1.229E+00
2.140E+04	3.322E+00	1.618E+03	7.979E+01	1.599E+01	3.459E+00	3.435E+01	2.618E+01	1.228E+00
2.160E+04	3.273E+00	1.644E+03	8.012E+01	1.611E+01	3.478E+00	3.490E+01	2.657E+01	1.228E+00
2.180E+04	3.225E+00	1.669E+03	8.044E+01	1.623E+01	3.498E+00	3.545E+01	2.694E+01	1.228E+00
2.200E+04	3.178E+00	1.695E+03	8.077E+01	1.635E+01	3.518E+00	3.600E+01	2.731E+01	1.227E+00
2.220E+04	3.131E+00	1.722E+03	8.110E+01	1.647E+01	3.538E+00	3.653E+01	2.767E+01	1.227E+00
2.240E+04	3.085E+00	1.749E+03	8.143E+01	1.659E+01	3.559E+00	3.706E+01	2.802E+01	1.227E+00
2.260E+04	3.040E+00	1.776E+03	8.176E+01	1.671E+01	3.580E+00	3.758E+01	2.835E+01	1.227E+00
2.280E+04	2.995E+00	1.804E+03	8.209E+01	1.684E+01	3.601E+00	3.808E+01	2.868E+01	1.227E+00
2.300E+04	2.952E+00	1.832E+03	8.243E+01	1.696E+01	3.623E+00	3.858E+01	2.900E+01	1.227E+00
2.320E+04	2.908E+00	1.860E+03	8.276E+01	1.709E+01	3.645E+00	3.906E+01	2.930E+01	1.228E+00
2.340E+04	2.866E+00	1.889E+03	8.310E+01	1.722E+01	3.667E+00	3.953E+01	2.959E+01	1.228E+00
2.360E+04	2.824E+00	1.918E+03	8.344E+01	1.735E+01	3.690E+00	3.999E+01	2.986E+01	1.229E+00
2.380E+04	2.783E+00	1.948E+03	8.378E+01	1.748E+01	3.713E+00	4.043E+01	3.013E+01	1.229E+00
2.400E+04	2.743E+00	1.978E+03	8.412E+01	1.761E+01	3.736E+00	4.086E+01	3.038E+01	1.230E+00
2.420E+04	2.703E+00	2.008E+03	8.446E+01	1.775E+01	3.760E+00	4.127E+01	3.061E+01	1.230E+00
2.440E+04	2.664E+00	2.038E+03	8.480E+01	1.788E+01	3.783E+00	4.166E+01	3.083E+01	1.231E+00
2.460E+04	2.626E+00	2.069E+03	8.514E+01	1.802E+01	3.808E+00	4.204E+01	3.104E+01	1.232E+00
2.480E+04	2.588E+00	2.100E+03	8.548E+01	1.816E+01	3.832E+00	4.240E+01	3.123E+01	1.233E+00
2.500E+04	2.551E+00	2.131E+03	8.582E+01	1.829E+01	3.856E+00	4.274E+01	3.140E+01	1.234E+00

Table I. - Continued.

P/P0 = 1.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	2.733E+03	-1.718E+02	1.461E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	1.366E+03	-1.705E+02	1.713E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	9.109E+02	-1.690E+02	1.882E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.832E+02	-1.672E+02	2.018E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E+02	-1.653E+02	2.133E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E+02	-1.633E+02	2.234E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E+02	-1.612E+02	2.324E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E+02	-1.590E+02	2.404E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E+02	-1.567E+02	2.478E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E+02	-1.543E+02	2.546E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.484E+02	-1.519E+02	2.609E+01	1.909E+00	1.000E+00	6.637E+00	5.637E+00	1.177E+00
1.200E+03	2.277E+02	-1.494E+02	2.667E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	2.102E+02	-1.470E+02	2.721E+01	2.070E+00	1.000E+00	6.834E+00	5.834E+00	1.171E+00
1.400E+03	1.952E+02	-1.444E+02	2.772E+01	2.146E+00	1.000E+00	6.912E+00	5.912E+00	1.169E+00
1.500E+03	1.822E+02	-1.419E+02	2.820E+01	2.219E+00	1.000E+00	6.984E+00	5.983E+00	1.167E+00
1.600E+03	1.708E+02	-1.393E+02	2.865E+01	2.290E+00	1.000E+00	7.054E+00	6.052E+00	1.165E+00
1.700E+03	1.607E+02	-1.367E+02	2.908E+01	2.359E+00	1.000E+00	7.128E+00	6.125E+00	1.164E+00
1.800E+03	1.518E+02	-1.341E+02	2.949E+01	2.426E+00	1.000E+00	7.216E+00	6.210E+00	1.162E+00
1.900E+03	1.438E+02	-1.314E+02	2.989E+01	2.490E+00	1.000E+00	7.324E+00	6.314E+00	1.160E+00
2.000E+03	1.365E+02	-1.287E+02	3.027E+01	2.553E+00	1.001E+00	7.443E+00	6.446E+00	1.158E+00
2.100E+03	1.300E+02	-1.260E+02	3.063E+01	2.614E+00	1.001E+00	7.642E+00	6.614E+00	1.155E+00
2.200E+03	1.240E+02	-1.231E+02	3.100E+01	2.673E+00	1.002E+00	7.870E+00	6.826E+00	1.152E+00
2.300E+03	1.184E+02	-1.202E+02	3.135E+01	2.731E+00	1.003E+00	8.154E+00	7.089E+00	1.149E+00
2.400E+03	1.133E+02	-1.172E+02	3.171E+01	2.788E+00	1.005E+00	8.503E+00	7.409E+00	1.146E+00
2.500E+03	1.085E+02	-1.140E+02	3.206E+01	2.845E+00	1.007E+00	8.921E+00	7.789E+00	1.143E+00
2.600E+03	1.041E+02	-1.106E+02	3.242E+01	2.901E+00	1.010E+00	9.410E+00	8.231E+00	1.140E+00
2.700E+03	9.987E+01	-1.071E+02	3.279E+01	2.958E+00	1.013E+00	9.972E+00	8.735E+00	1.137E+00
2.800E+03	9.588E+01	-1.033E+02	3.316E+01	3.016E+00	1.018E+00	1.061E+01	9.296E+00	1.134E+00
2.900E+03	9.207E+01	-9.930E+01	3.354E+01	3.074E+00	1.023E+00	1.130E+01	9.910E+00	1.132E+00
3.000E+03	8.843E+01	-9.502E+01	3.394E+01	3.135E+00	1.030E+00	1.206E+01	1.057E+01	1.130E+00
3.100E+03	8.494E+01	-9.046E+01	3.435E+01	3.197E+00	1.038E+00	1.287E+01	1.126E+01	1.129E+00
3.200E+03	8.157E+01	-8.559E+01	3.477E+01	3.261E+00	1.047E+00	1.372E+01	1.198E+01	1.129E+00
3.300E+03	7.832E+01	-8.041E+01	3.520E+01	3.328E+00	1.057E+00	1.459E+01	1.271E+01	1.129E+00
3.400E+03	7.518E+01	-7.491E+01	3.565E+01	3.397E+00	1.069E+00	1.547E+01	1.343E+01	1.129E+00
3.500E+03	7.214E+01	-6.908E+01	3.611E+01	3.469E+00	1.082E+00	1.635E+01	1.414E+01	1.130E+00
3.600E+03	6.921E+01	-6.294E+01	3.659E+01	3.544E+00	1.097E+00	1.721E+01	1.481E+01	1.131E+00
3.700E+03	6.638E+01	-5.649E+01	3.707E+01	3.621E+00	1.113E+00	1.803E+01	1.544E+01	1.132E+00
3.800E+03	6.365E+01	-4.974E+01	3.756E+01	3.701E+00	1.130E+00	1.880E+01	1.602E+01	1.134E+00
3.900E+03	6.103E+01	-4.273E+01	3.806E+01	3.783E+00	1.148E+00	1.951E+01	1.654E+01	1.136E+00
4.000E+03	5.852E+01	-3.546E+01	3.856E+01	3.867E+00	1.167E+00	2.015E+01	1.698E+01	1.138E+00
4.100E+03	5.612E+01	-2.798E+01	3.907E+01	3.954E+00	1.188E+00	2.070E+01	1.735E+01	1.141E+00
4.200E+03	5.382E+01	-2.031E+01	3.957E+01	4.042E+00	1.209E+00	2.118E+01	1.765E+01	1.144E+00
4.300E+03	5.163E+01	-1.248E+01	4.007E+01	4.132E+00	1.231E+00	2.157E+01	1.787E+01	1.147E+00
4.400E+03	4.955E+01	-4.529E+00	4.057E+01	4.224E+00	1.253E+00	2.187E+01	1.803E+01	1.150E+00
4.500E+03	4.758E+01	3.526E+00	4.107E+01	4.317E+00	1.276E+00	2.211E+01	1.812E+01	1.154E+00
4.600E+03	4.571E+01	1.165E+01	4.156E+01	4.411E+00	1.300E+00	2.227E+01	1.816E+01	1.157E+00
4.700E+03	4.394E+01	1.983E+01	4.204E+01	4.507E+00	1.323E+00	2.237E+01	1.815E+01	1.161E+00
4.800E+03	4.227E+01	2.803E+01	4.251E+01	4.602E+00	1.347E+00	2.242E+01	1.809E+01	1.165E+00
4.900E+03	4.068E+01	3.624E+01	4.297E+01	4.699E+00	1.371E+00	2.243E+01	1.801E+01	1.168E+00
5.000E+03	3.919E+01	4.445E+01	4.342E+01	4.796E+00	1.395E+00	2.239E+01	1.789E+01	1.172E+00
5.100E+03	3.777E+01	5.264E+01	4.387E+01	4.893E+00	1.419E+00	2.233E+01	1.776E+01	1.176E+00
5.200E+03	3.644E+01	6.080E+01	4.430E+01	4.990E+00	1.442E+00	2.223E+01	1.760E+01	1.180E+00
5.300E+03	3.517E+01	6.892E+01	4.472E+01	5.088E+00	1.466E+00	2.212E+01	1.743E+01	1.184E+00
5.400E+03	3.398E+01	7.700E+01	4.513E+01	5.185E+00	1.489E+00	2.198E+01	1.724E+01	1.188E+00
5.500E+03	3.285E+01	8.502E+01	4.554E+01	5.283E+00	1.513E+00	2.182E+01	1.704E+01	1.193E+00
5.600E+03	3.178E+01	9.298E+01	4.593E+01	5.381E+00	1.536E+00	2.164E+01	1.683E+01	1.197E+00
5.700E+03	3.076E+01	1.009E+02	4.631E+01	5.478E+00	1.558E+00	2.143E+01	1.660E+01	1.201E+00
5.800E+03	2.981E+01	1.087E+02	4.668E+01	5.575E+00	1.581E+00	2.119E+01	1.636E+01	1.205E+00
5.900E+03	2.890E+01	1.164E+02	4.704E+01	5.672E+00	1.603E+00	2.093E+01	1.610E+01	1.209E+00
6.000E+03	2.804E+01	1.240E+02	4.739E+01	5.768E+00	1.624E+00	2.064E+01	1.582E+01	1.213E+00
6.100E+03	2.723E+01	1.315E+02	4.773E+01	5.863E+00	1.645E+00	2.032E+01	1.552E+01	1.218E+00
6.200E+03	2.646E+01	1.389E+02	4.806E+01	5.958E+00	1.666E+00	1.997E+01	1.521E+01	1.222E+00
6.300E+03	2.573E+01	1.461E+02	4.837E+01	6.053E+00	1.686E+00	1.959E+01	1.488E+01	1.226E+00
6.400E+03	2.504E+01	1.532E+02	4.868E+01	6.146E+00	1.705E+00	1.919E+01	1.454E+01	1.231E+00
6.500E+03	2.439E+01	1.602E+02	4.897E+01	6.238E+00	1.724E+00	1.876E+01	1.418E+01	1.235E+00
6.600E+03	2.378E+01	1.670E+02	4.926E+01	6.329E+00	1.741E+00	1.832E+01	1.382E+01	1.239E+00
6.700E+03	2.319E+01	1.736E+02	4.953E+01	6.419E+00	1.759E+00	1.786E+01	1.345E+01	1.243E+00
6.800E+03	2.264E+01	1.800E+02	4.979E+01	6.507E+00	1.775E+00	1.739E+01	1.308E+01	1.247E+00
6.900E+03	2.212E+01	1.863E+02	5.004E+01	6.594E+00	1.790E+00	1.692E+01	1.271E+01	1.251E+00
7.000E+03	2.163E+01	1.924E+02	5.028E+01	6.679E+00	1.805E+00	1.646E+01	1.235E+01	1.255E+00
7.100E+03	2.116E+01	1.984E+02	5.051E+01	6.763E+00	1.819E+00	1.601E+01	1.200E+01	1.259E+00
7.200E+03	2.072E+01	2.042E+02	5.073E+01	6.844E+00	1.832E+00	1.558E+01	1.167E+01	1.262E+00
7.300E+03	2.030E+01	2.098E+02	5.094E+01	6.923E+00	1.844E+00	1.517E+01	1.137E+01	1.265E+00
7.400E+03	1.990E+01	2.153E+02	5.115E+01	6.999E+00	1.856E+00	1.479E+01	1.109E+01	1.268E+00
7.500E+03	1.952E+01	2.206E+02	5.134E+01	7.073E+00	1.867E+00	1.445E+01	1.084E+01	1.270E+00
7.600E+03	1.915E+01	2.259E+02	5.153E+01	7.144E+00	1.877E+00	1.415E+01	1.062E+01	1.272E+00
7.700E+03	1.881E+01	2.310E+02	5.172E+01	7.212E+00	1.887E+00	1.390E+01	1.045E+01	1.273E+00
7.800E+03	1.848E+01	2.361E+02	5.190E+01	7.277E+00	1.896E+00	1.370E+01	1.031E+01	1.273E+00
7.900E+03	1.816E+01	2.411E+02	5.207E+01	7.339E+00	1.905E+00	1.356E+01	1.023E+01	1.272E+00
8.000E+03	1.786E+01	2.460E+02	5.224E+01	7.398E+00	1.913E+00	1.348E+01	1.020E+01	1.271E+00
8.200E+03	1.728E+01	2.559E+02	5.257E+01	7.505E+00	1.928E+00	1.352E+01	1.030E+01	1.266E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/P	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.674E+01	2.659E+02	5.290E+01	7.600E+00	1.943E+00	1.388E+01	1.066E+01	1.258E+00
8.600E+03	1.624E+01	2.763E+02	5.324E+01	7.687E+00	1.957E+00	1.457E+01	1.129E+01	1.248E+00
8.800E+03	1.575E+01	2.873E+02	5.358E+01	7.769E+00	1.972E+00	1.563E+01	1.223E+01	1.237E+00
9.000E+03	1.528E+01	2.993E+02	5.395E+01	7.852E+00	1.987E+00	1.710E+01	1.348E+01	1.225E+00
9.200E+03	1.482E+01	3.125E+02	5.435E+01	7.938E+00	2.005E+00	1.896E+01	1.504E+01	1.215E+00
9.400E+03	1.436E+01	3.272E+02	5.478E+01	8.033E+00	2.025E+00	2.120E+01	1.688E+01	1.205E+00
9.600E+03	1.390E+01	3.436E+02	5.525E+01	8.139E+00	2.047E+00	2.377E+01	1.895E+01	1.198E+00
9.800E+03	1.345E+01	3.621E+02	5.577E+01	8.257E+00	2.073E+00	2.659E+01	2.116E+01	1.193E+00
1.000E+04	1.299E+01	3.826E+02	5.634E+01	8.387E+00	2.103E+00	2.954E+01	2.342E+01	1.189E+00
1.020E+04	1.254E+01	4.053E+02	5.695E+01	8.531E+00	2.137E+00	3.247E+01	2.562E+01	1.187E+00
1.040E+04	1.208E+01	4.301E+02	5.761E+01	8.686E+00	2.175E+00	3.524E+01	2.744E+01	1.186E+00
1.060E+04	1.164E+01	4.569E+02	5.830E+01	8.853E+00	2.216E+00	3.775E+01	2.939E+01	1.186E+00
1.080E+04	1.120E+01	4.853E+02	5.903E+01	9.029E+00	2.260E+00	3.983E+01	3.079E+01	1.187E+00
1.100E+04	1.077E+01	5.151E+02	5.978E+01	9.214E+00	2.306E+00	4.139E+01	3.180E+01	1.190E+00
1.120E+04	1.036E+01	5.458E+02	6.053E+01	9.405E+00	2.355E+00	4.240E+01	3.238E+01	1.192E+00
1.140E+04	9.973E+00	5.771E+02	6.129E+01	9.602E+00	2.404E+00	4.282E+01	3.254E+01	1.196E+00
1.160E+04	9.604E+00	6.084E+02	6.203E+01	9.801E+00	2.453E+00	4.269E+01	3.231E+01	1.200E+00
1.180E+04	9.258E+00	6.394E+02	6.276E+01	1.000E+01	2.501E+00	4.205E+01	3.172E+01	1.205E+00
1.200E+04	8.935E+00	6.699E+02	6.346E+01	1.020E+01	2.549E+00	4.099E+01	3.085E+01	1.210E+00
1.220E+04	8.635E+00	6.994E+02	6.412E+01	1.040E+01	2.594E+00	3.960E+01	2.975E+01	1.215E+00
1.240E+04	8.358E+00	7.278E+02	6.475E+01	1.060E+01	2.637E+00	3.798E+01	2.849E+01	1.221E+00
1.260E+04	8.101E+00	7.550E+02	6.535E+01	1.079E+01	2.677E+00	3.622E+01	2.715E+01	1.227E+00
1.280E+04	7.864E+00	7.808E+02	6.590E+01	1.098E+01	2.715E+00	3.442E+01	2.578E+01	1.233E+00
1.300E+04	7.644E+00	8.054E+02	6.642E+01	1.116E+01	2.750E+00	3.263E+01	2.442E+01	1.240E+00
1.320E+04	7.441E+00	8.286E+02	6.691E+01	1.134E+01	2.782E+00	3.092E+01	2.313E+01	1.246E+00
1.340E+04	7.253E+00	8.507E+02	6.736E+01	1.152E+01	2.812E+00	2.933E+01	2.193E+01	1.252E+00
1.360E+04	7.078E+00	8.716E+02	6.778E+01	1.169E+01	2.839E+00	2.788E+01	2.084E+01	1.258E+00
1.380E+04	6.915E+00	8.915E+02	6.818E+01	1.185E+01	2.864E+00	2.658E+01	1.986E+01	1.263E+00
1.400E+04	6.762E+00	9.106E+02	6.856E+01	1.200E+01	2.887E+00	2.545E+01	1.902E+01	1.267E+00
1.420E+04	6.618E+00	9.288E+02	6.891E+01	1.215E+01	2.908E+00	2.448E+01	1.829E+01	1.271E+00
1.440E+04	6.483E+00	9.465E+02	6.925E+01	1.230E+01	2.927E+00	2.367E+01	1.769E+01	1.275E+00
1.460E+04	6.354E+00	9.635E+02	6.957E+01	1.243E+01	2.946E+00	2.300E+01	1.720E+01	1.277E+00
1.480E+04	6.232E+00	9.802E+02	6.988E+01	1.256E+01	2.963E+00	2.247E+01	1.682E+01	1.279E+00
1.500E+04	6.116E+00	9.965E+02	7.018E+01	1.269E+01	2.979E+00	2.207E+01	1.653E+01	1.280E+00
1.520E+04	6.005E+00	1.013E+03	7.047E+01	1.280E+01	2.994E+00	2.177E+01	1.633E+01	1.281E+00
1.540E+04	5.899E+00	1.028E+03	7.075E+01	1.292E+01	3.008E+00	2.158E+01	1.621E+01	1.281E+00
1.560E+04	5.796E+00	1.044E+03	7.103E+01	1.303E+01	3.022E+00	2.148E+01	1.616E+01	1.280E+00
1.580E+04	5.698E+00	1.060E+03	7.130E+01	1.313E+01	3.035E+00	2.144E+01	1.617E+01	1.279E+00
1.600E+04	5.603E+00	1.076E+03	7.157E+01	1.324E+01	3.048E+00	2.151E+01	1.624E+01	1.277E+00
1.620E+04	5.510E+00	1.091E+03	7.184E+01	1.334E+01	3.061E+00	2.162E+01	1.636E+01	1.275E+00
1.640E+04	5.421E+00	1.107E+03	7.210E+01	1.343E+01	3.074E+00	2.179E+01	1.652E+01	1.273E+00
1.660E+04	5.334E+00	1.123E+03	7.237E+01	1.353E+01	3.086E+00	2.201E+01	1.672E+01	1.270E+00
1.680E+04	5.250E+00	1.139E+03	7.263E+01	1.363E+01	3.099E+00	2.228E+01	1.695E+01	1.268E+00
1.700E+04	5.167E+00	1.156E+03	7.290E+01	1.372E+01	3.111E+00	2.258E+01	1.721E+01	1.265E+00
1.720E+04	5.087E+00	1.173E+03	7.317E+01	1.381E+01	3.123E+00	2.292E+01	1.750E+01	1.263E+00
1.740E+04	5.009E+00	1.189E+03	7.343E+01	1.391E+01	3.136E+00	2.329E+01	1.781E+01	1.260E+00
1.760E+04	4.932E+00	1.207E+03	7.370E+01	1.400E+01	3.148E+00	2.369E+01	1.814E+01	1.258E+00
1.780E+04	4.857E+00	1.224E+03	7.397E+01	1.410E+01	3.161E+00	2.411E+01	1.848E+01	1.255E+00
1.800E+04	4.783E+00	1.242E+03	7.424E+01	1.419E+01	3.174E+00	2.455E+01	1.884E+01	1.253E+00
1.820E+04	4.711E+00	1.260E+03	7.452E+01	1.428E+01	3.187E+00	2.501E+01	1.921E+01	1.251E+00
1.840E+04	4.641E+00	1.279E+03	7.479E+01	1.438E+01	3.200E+00	2.549E+01	1.959E+01	1.248E+00
1.860E+04	4.572E+00	1.297E+03	7.507E+01	1.448E+01	3.214E+00	2.598E+01	1.998E+01	1.246E+00
1.880E+04	4.504E+00	1.317E+03	7.535E+01	1.457E+01	3.227E+00	2.648E+01	2.038E+01	1.244E+00
1.900E+04	4.437E+00	1.336E+03	7.563E+01	1.467E+01	3.242E+00	2.700E+01	2.077E+01	1.242E+00
1.920E+04	4.371E+00	1.356E+03	7.592E+01	1.477E+01	3.256E+00	2.752E+01	2.118E+01	1.240E+00
1.940E+04	4.307E+00	1.377E+03	7.621E+01	1.487E+01	3.271E+00	2.805E+01	2.159E+01	1.239E+00
1.960E+04	4.244E+00	1.397E+03	7.650E+01	1.497E+01	3.285E+00	2.858E+01	2.200E+01	1.237E+00
1.980E+04	4.181E+00	1.418E+03	7.679E+01	1.507E+01	3.301E+00	2.912E+01	2.241E+01	1.236E+00
2.000E+04	4.120E+00	1.440E+03	7.709E+01	1.518E+01	3.316E+00	2.967E+01	2.282E+01	1.234E+00
2.020E+04	4.060E+00	1.462E+03	7.738E+01	1.528E+01	3.332E+00	3.022E+01	2.322E+01	1.233E+00
2.040E+04	4.000E+00	1.484E+03	7.768E+01	1.539E+01	3.349E+00	3.077E+01	2.363E+01	1.232E+00
2.060E+04	3.942E+00	1.507E+03	7.799E+01	1.549E+01	3.365E+00	3.131E+01	2.403E+01	1.231E+00
2.080E+04	3.885E+00	1.530E+03	7.829E+01	1.560E+01	3.382E+00	3.186E+01	2.443E+01	1.230E+00
2.100E+04	3.828E+00	1.554E+03	7.860E+01	1.571E+01	3.399E+00	3.241E+01	2.482E+01	1.229E+00
2.120E+04	3.772E+00	1.577E+03	7.891E+01	1.582E+01	3.417E+00	3.295E+01	2.521E+01	1.229E+00
2.140E+04	3.718E+00	1.602E+03	7.922E+01	1.594E+01	3.435E+00	3.350E+01	2.559E+01	1.228E+00
2.160E+04	3.664E+00	1.627E+03	7.954E+01	1.605E+01	3.453E+00	3.403E+01	2.596E+01	1.228E+00
2.180E+04	3.610E+00	1.652E+03	7.985E+01	1.617E+01	3.472E+00	3.457E+01	2.633E+01	1.227E+00
2.200E+04	3.558E+00	1.677E+03	8.017E+01	1.628E+01	3.491E+00	3.509E+01	2.669E+01	1.227E+00
2.220E+04	3.507E+00	1.703E+03	8.049E+01	1.640E+01	3.510E+00	3.561E+01	2.704E+01	1.227E+00
2.240E+04	3.456E+00	1.729E+03	8.081E+01	1.652E+01	3.530E+00	3.612E+01	2.738E+01	1.227E+00
2.260E+04	3.406E+00	1.756E+03	8.114E+01	1.664E+01	3.550E+00	3.663E+01	2.771E+01	1.227E+00
2.280E+04	3.357E+00	1.783E+03	8.146E+01	1.676E+01	3.571E+00	3.712E+01	2.804E+01	1.227E+00
2.300E+04	3.308E+00	1.810E+03	8.179E+01	1.688E+01	3.591E+00	3.760E+01	2.835E+01	1.227E+00
2.320E+04	3.261E+00	1.838E+03	8.211E+01	1.701E+01	3.612E+00	3.808E+01	2.865E+01	1.227E+00
2.340E+04	3.214E+00	1.866E+03	8.244E+01	1.713E+01	3.634E+00	3.854E+01	2.897E+01	1.227E+00
2.360E+04	3.168E+00	1.894E+03	8.277E+01	1.726E+01	3.656E+00	3.899E+01	2.927E+01	1.228E+00
2.380E+04	3.122E+00	1.923E+03	8.310E+01	1.739E+01	3.678E+00	3.942E+01	2.947E+01	1.228E+00
2.400E+04	3.077E+00	1.952E+03	8.344E+01	1.752E+01	3.700E+00	3.985E+01	2.972E+01	1.229E+00
2.420E+04	3.034E+00	1.981E+03	8.377E+01	1.765E+01	3.722E+00	4.025E+01	2.994E+01	1.229E+00
2.440E+04	2.990E+00	2.011E+03	8.410E+01	1.778E+01	3.745E+00	4.065E+01	3.018E+01	1.230E+00
2.460E+04	2.948E+00	2.041E+03	8.443E+01	1.792E+01	3.768E+00	4.102E+01	3.039E+01	1.231E+00
2.480E+04	2.906E+00	2.071E+03	8.477E+01	1.805E+01	3.792E+00	4.138E+01	3.059E+01	1.232E+00
2.500E+04	2.865E+00	2.102E+03	8.510E+01	1.819E+01	3.815E+00	4.173E+01	3.077E+01	1.233E+00



Table I. - Continued.

P/PO = 2.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	5.465E+03	-1.718E+02	1.392E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	2.733E+03	-1.705E+02	1.644E+01	3.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	1.822E+03	-1.690E+02	1.813E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	1.366E+03	-1.672E+02	1.948E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.093E+03	-1.653E+02	2.064E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	9.109E+02	-1.633E+02	2.164E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	7.808E+02	-1.612E+02	2.254E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	6.832E+02	-1.590E+02	2.335E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	6.073E+02	-1.567E+02	2.409E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	5.465E+02	-1.543E+02	2.477E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	4.969E+02	-1.519E+02	2.539E+01	1.909E+00	1.000E+00	6.637E+00	5.636E+00	1.177E+00
1.200E+03	4.555E+02	-1.494E+02	2.598E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	4.204E+02	-1.470E+02	2.652E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	3.904E+02	-1.444E+02	2.703E+01	2.146E+00	1.000E+00	6.911E+00	5.911E+00	1.169E+00
1.500E+03	3.644E+02	-1.419E+02	2.751E+01	2.219E+00	1.000E+00	6.981E+00	5.981E+00	1.167E+00
1.600E+03	3.416E+02	-1.393E+02	2.796E+01	2.29E+00	1.000E+00	7.048E+00	6.047E+00	1.166E+00
1.700E+03	3.215E+02	-1.367E+02	2.839E+01	2.35E+00	1.000E+00	7.117E+00	6.115E+00	1.164E+00
1.800E+03	3.036E+02	-1.341E+02	2.880E+01	2.4E+00	1.000E+00	7.195E+00	6.190E+00	1.162E+00
1.900E+03	2.876E+02	-1.315E+02	2.919E+01	2.45E+00	1.000E+00	7.288E+00	6.280E+00	1.160E+00
2.000E+03	2.731E+02	-1.288E+02	2.957E+01	2.554E+00	1.001E+00	7.405E+00	6.391E+00	1.158E+00
2.100E+03	2.600E+02	-1.260E+02	2.993E+01	2.615E+00	1.001E+00	7.552E+00	6.530E+00	1.156E+00
2.200E+03	2.480E+02	-1.232E+02	3.029E+01	2.674E+00	1.002E+00	7.738E+00	6.703E+00	1.154E+00
2.300E+03	2.370E+02	-1.204E+02	3.064E+01	2.733E+00	1.003E+00	7.969E+00	6.917E+00	1.151E+00
2.400E+03	2.269E+02	-1.174E+02	3.098E+01	2.790E+00	1.004E+00	8.250E+00	7.175E+00	1.148E+00
2.500E+03	2.174E+02	-1.143E+02	3.132E+01	2.846E+00	1.006E+00	8.586E+00	7.482E+00	1.145E+00
2.600E+03	2.086E+02	-1.111E+02	3.167E+01	2.902E+00	1.007E+00	8.979E+00	7.838E+00	1.143E+00
2.700E+03	2.003E+02	-1.077E+02	3.202E+01	2.958E+00	1.011E+00	9.431E+00	8.244E+00	1.140E+00
2.800E+03	1.924E+02	-1.042E+02	3.237E+01	3.015E+00	1.014E+00	9.941E+00	8.697E+00	1.138E+00
2.900E+03	1.850E+02	-1.005E+02	3.273E+01	3.072E+00	1.019E+00	1.050E+01	9.195E+00	1.136E+00
3.000E+03	1.779E+02	-9.650E+01	3.309E+01	3.130E+00	1.024E+00	1.112E+01	9.731E+00	1.134E+00
3.100E+03	1.711E+02	-9.231E+01	3.347E+01	3.190E+00	1.030E+00	1.178E+01	1.030E+01	1.133E+00
3.200E+03	1.646E+02	-8.787E+01	3.385E+01	3.251E+00	1.037E+00	1.247E+01	1.089E+01	1.132E+00
3.300E+03	1.584E+02	-8.317E+01	3.425E+01	3.314E+00	1.046E+00	1.319E+01	1.150E+01	1.131E+00
3.400E+03	1.523E+02	-7.821E+01	3.465E+01	3.379E+00	1.055E+00	1.393E+01	1.211E+01	1.131E+00
3.500E+03	1.465E+02	-7.297E+01	3.507E+01	3.446E+00	1.066E+00	1.468E+01	1.272E+01	1.132E+00
3.600E+03	1.409E+02	-6.746E+01	3.549E+01	3.516E+00	1.078E+00	1.541E+01	1.331E+01	1.132E+00
3.700E+03	1.354E+02	-6.168E+01	3.592E+01	3.587E+00	1.091E+00	1.612E+01	1.387E+01	1.134E+00
3.800E+03	1.302E+02	-5.565E+01	3.636E+01	3.661E+00	1.105E+00	1.682E+01	1.440E+01	1.135E+00
3.900E+03	1.251E+02	-4.937E+01	3.681E+01	3.737E+00	1.120E+00	1.748E+01	1.489E+01	1.137E+00
4.000E+03	1.203E+02	-4.286E+01	3.726E+01	3.815E+00	1.136E+00	1.808E+01	1.532E+01	1.139E+00
4.100E+03	1.156E+02	-3.614E+01	3.771E+01	3.895E+00	1.153E+00	1.863E+01	1.571E+01	1.141E+00
4.200E+03	1.111E+02	-2.922E+01	3.817E+01	3.977E+00	1.171E+00	1.911E+01	1.603E+01	1.143E+00
4.300E+03	1.068E+02	-2.215E+01	3.862E+01	4.061E+00	1.190E+00	1.954E+01	1.630E+01	1.146E+00
4.400E+03	1.027E+02	-1.492E+01	3.908E+01	4.146E+00	1.209E+00	1.989E+01	1.651E+01	1.149E+00
4.500E+03	9.882E+01	-7.584E+00	3.953E+01	4.233E+00	1.229E+00	2.019E+01	1.667E+01	1.152E+00
4.600E+03	9.511E+01	-1.481E+00	3.997E+01	4.321E+00	1.249E+00	2.042E+01	1.677E+01	1.155E+00
4.700E+03	9.157E+01	7.361E+00	4.041E+01	4.410E+00	1.270E+00	2.059E+01	1.682E+01	1.158E+00
4.800E+03	8.821E+01	1.492E+01	4.085E+01	4.500E+00	1.291E+00	2.071E+01	1.684E+01	1.162E+00
4.900E+03	8.502E+01	2.252E+01	4.128E+01	4.590E+00	1.312E+00	2.078E+01	1.681E+01	1.165E+00
5.000E+03	8.199E+01	3.014E+01	4.170E+01	4.681E+00	1.333E+00	2.081E+01	1.675E+01	1.169E+00
5.100E+03	7.912E+01	3.776E+01	4.211E+01	4.773E+00	1.354E+00	2.080E+01	1.667E+01	1.172E+00
5.200E+03	7.640E+01	4.537E+01	4.251E+01	4.865E+00	1.376E+00	2.077E+01	1.657E+01	1.176E+00
5.300E+03	7.381E+01	5.297E+01	4.291E+01	4.957E+00	1.397E+00	2.071E+01	1.645E+01	1.180E+00
5.400E+03	7.136E+01	6.054E+01	4.329E+01	5.050E+00	1.418E+00	2.063E+01	1.631E+01	1.184E+00
5.500E+03	6.904E+01	6.807E+01	4.367E+01	5.142E+00	1.439E+00	2.053E+01	1.616E+01	1.187E+00
5.600E+03	6.684E+01	7.558E+01	4.404E+01	5.235E+00	1.460E+00	2.042E+01	1.601E+01	1.191E+00
5.700E+03	6.474E+01	8.303E+01	4.440E+01	5.327E+00	1.481E+00	2.030E+01	1.584E+01	1.195E+00
5.800E+03	6.276E+01	9.044E+01	4.475E+01	5.420E+00	1.502E+00	2.016E+01	1.567E+01	1.199E+00
5.900E+03	6.087E+01	9.780E+01	4.510E+01	5.512E+00	1.527E+00	2.001E+01	1.549E+01	1.203E+00
6.000E+03	5.907E+01	1.051E+02	4.543E+01	5.604E+00	1.542E+00	1.984E+01	1.531E+01	1.207E+00
6.100E+03	5.737E+01	1.123E+02	4.576E+01	5.696E+00	1.562E+00	1.966E+01	1.511E+01	1.210E+00
6.200E+03	5.575E+01	1.195E+02	4.608E+01	5.787E+00	1.581E+00	1.946E+01	1.491E+01	1.214E+00
6.300E+03	5.420E+01	1.266E+02	4.639E+01	5.878E+00	1.601E+00	1.925E+01	1.470E+01	1.218E+00
6.400E+03	5.273E+01	1.336E+02	4.669E+01	5.969E+00	1.619E+00	1.902E+01	1.447E+01	1.222E+00
6.500E+03	5.134E+01	1.405E+02	4.698E+01	6.059E+00	1.638E+00	1.877E+01	1.424E+01	1.226E+00
6.600E+03	5.001E+01	1.473E+02	4.727E+01	6.148E+00	1.656E+00	1.851E+01	1.400E+01	1.230E+00
6.700E+03	4.875E+01	1.541E+02	4.754E+01	6.237E+00	1.673E+00	1.823E+01	1.376E+01	1.233E+00
6.800E+03	4.755E+01	1.607E+02	4.781E+01	6.324E+00	1.690E+00	1.793E+01	1.351E+01	1.237E+00
6.900E+03	4.640E+01	1.672E+02	4.807E+01	6.411E+00	1.707E+00	1.763E+01	1.325E+01	1.241E+00
7.000E+03	4.531E+01	1.736E+02	4.832E+01	6.497E+00	1.723E+00	1.731E+01	1.299E+01	1.244E+00
7.100E+03	4.428E+01	1.799E+02	4.856E+01	6.582E+00	1.738E+00	1.699E+01	1.272E+01	1.248E+00
7.200E+03	4.329E+01	1.860E+02	4.880E+01	6.665E+00	1.753E+00	1.666E+01	1.246E+01	1.251E+00
7.300E+03	4.235E+01	1.921E+02	4.903E+01	6.747E+00	1.768E+00	1.633E+01	1.220E+01	1.254E+00
7.400E+03	4.146E+01	1.980E+02	4.925E+01	6.827E+00	1.781E+00	1.601E+01	1.195E+01	1.257E+00
7.500E+03	4.061E+01	2.038E+02	4.946E+01	6.906E+00	1.794E+00	1.569E+01	1.171E+01	1.260E+00
7.600E+03	3.980E+01	2.095E+02	4.967E+01	6.983E+00	1.807E+00	1.539E+01	1.148E+01	1.262E+00
7.700E+03	3.902E+01	2.151E+02	4.987E+01	7.058E+00	1.819E+00	1.511E+01	1.127E+01	1.264E+00
7.800E+03	3.828E+01	2.206E+02	5.006E+01	7.131E+00	1.830E+00	1.485E+01	1.108E+01	1.266E+00
7.900E+03	3.757E+01	2.260E+02	5.025E+01	7.202E+00	1.841E+00	1.461E+01	1.091E+01	1.267E+00
8.000E+03	3.690E+01	2.313E+02	5.043E+01	7.270E+00	1.852E+00	1.440E+01	1.077E+01	1.268E+00
8.200E+03	3.562E+01	2.417E+02	5.078E+01	7.399E+00	1.871E+00	1.410E+01	1.058E+01	1.268E+00

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

Table 1. - Continued.

T	RND/RMO-0	H/RTO	S/R	A/A0	Z	CP/R	CL/R	GAMMA
8.400E+03	3.445E+01	2.520E+02	5.112E+01	7.518E+00	1.889E+00	1.396E+01	1.053E+01	1.266E+00
8.600E+03	3.335E+01	2.622E+02	5.145E+01	7.626E+00	1.905E+00	1.404E+01	1.065E+01	1.262E+00
8.800E+03	3.233E+01	2.775E+02	5.178E+01	7.725E+00	1.921E+00	1.434E+01	1.096E+01	1.255E+00
9.000E+03	3.136E+01	2.833E+02	5.210E+01	7.818E+00	1.936E+00	1.491E+01	1.149E+01	1.247E+00
9.200E+03	3.043E+01	2.945E+02	5.244E+01	7.906E+00	1.952E+00	1.577E+01	1.224E+01	1.237E+00
9.400E+03	2.954E+01	3.065E+02	5.279E+01	7.993E+00	1.968E+00	1.692E+01	1.323E+01	1.228E+00
9.600E+03	2.868E+01	3.194E+02	5.316E+01	8.082E+00	1.985E+00	1.837E+01	1.445E+01	1.218E+00
9.800E+03	2.783E+01	3.335E+02	5.356E+01	8.178E+00	2.004E+00	2.011E+01	1.588E+01	1.210E+00
1.000E+04	2.699E+01	3.489E+02	5.399E+01	8.281E+00	2.025E+00	2.210E+01	1.749E+01	1.204E+00
1.020E+04	2.616E+01	3.659E+02	5.445E+01	8.393E+00	2.049E+00	2.429E+01	1.921E+01	1.198E+00
1.040E+04	2.533E+01	3.845E+02	5.494E+01	8.515E+00	2.075E+00	2.661E+01	2.100E+01	1.194E+00
1.060E+04	2.451E+01	4.049E+02	5.547E+01	8.647E+00	2.104E+00	2.896E+01	2.277E+01	1.192E+00
1.080E+04	2.369E+01	4.269E+02	5.603E+01	8.790E+00	2.136E+00	3.124E+01	2.445E+01	1.191E+00
1.100E+04	2.289E+01	4.506E+02	5.663E+01	8.942E+00	2.171E+00	3.337E+01	2.597E+01	1.190E+00
1.120E+04	2.210E+01	4.758E+02	5.724E+01	9.103E+00	2.208E+00	3.526E+01	2.727E+01	1.191E+00
1.140E+04	2.132E+01	5.022E+02	5.788E+01	9.272E+00	2.248E+00	3.683E+01	2.831E+01	1.192E+00
1.160E+04	2.058E+01	5.296E+02	5.853E+01	9.447E+00	2.290E+00	3.804E+01	2.907E+01	1.195E+00
1.180E+04	1.986E+01	5.578E+02	5.919E+01	9.628E+00	2.333E+00	3.885E+01	2.953E+01	1.197E+00
1.200E+04	1.917E+01	5.864E+02	5.985E+01	9.813E+00	2.376E+00	3.925E+01	2.969E+01	1.201E+00
1.220E+04	1.851E+01	6.152E+02	6.050E+01	1.000E+01	2.420E+00	3.927E+01	2.956E+01	1.204E+00
1.240E+04	1.789E+01	6.439E+02	6.114E+01	1.019E+01	2.463E+00	3.892E+01	2.921E+01	1.209E+00
1.260E+04	1.731E+01	6.721E+02	6.175E+01	1.038E+01	2.506E+00	3.826E+01	2.864E+01	1.213E+00
1.280E+04	1.676E+01	6.998E+02	6.235E+01	1.057E+01	2.547E+00	3.735E+01	2.789E+01	1.218E+00
1.300E+04	1.625E+01	7.268E+02	6.292E+01	1.076E+01	2.587E+00	3.624E+01	2.701E+01	1.223E+00
1.320E+04	1.577E+01	7.529E+02	6.346E+01	1.094E+01	2.625E+00	3.499E+01	2.605E+01	1.228E+00
1.340E+04	1.533E+01	7.780E+02	6.398E+01	1.112E+01	2.661E+00	3.367E+01	2.504E+01	1.233E+00
1.360E+04	1.491E+01	8.022E+02	6.447E+01	1.130E+01	2.695E+00	3.231E+01	2.402E+01	1.238E+00
1.380E+04	1.453E+01	8.253E+02	6.493E+01	1.147E+01	2.726E+00	3.098E+01	2.302E+01	1.244E+00
1.400E+04	1.416E+01	8.475E+02	6.537E+01	1.164E+01	2.756E+00	2.964E+01	2.205E+01	1.249E+00
1.420E+04	1.383E+01	8.688E+02	6.578E+01	1.180E+01	2.784E+00	2.847E+01	2.115E+01	1.253E+00
1.440E+04	1.351E+01	8.892E+02	6.617E+01	1.196E+01	2.809E+00	2.735E+01	2.032E+01	1.258E+00
1.460E+04	1.321E+01	9.089E+02	6.654E+01	1.212E+01	2.833E+00	2.633E+01	1.958E+01	1.261E+00
1.480E+04	1.293E+01	9.276E+02	6.689E+01	1.226E+01	2.856E+00	2.543E+01	1.891E+01	1.265E+00
1.500E+04	1.267E+01	9.461E+02	6.723E+01	1.240E+01	2.876E+00	2.453E+01	1.834E+01	1.268E+00
1.520E+04	1.242E+01	9.639E+02	6.755E+01	1.254E+01	2.896E+00	2.395E+01	1.785E+01	1.270E+00
1.540E+04	1.218E+01	9.812E+02	6.786E+01	1.267E+01	2.914E+00	2.337E+01	1.744E+01	1.272E+00
1.560E+04	1.195E+01	9.982E+02	6.816E+01	1.279E+01	2.931E+00	2.289E+01	1.711E+01	1.273E+00
1.580E+04	1.174E+01	1.015E+03	6.845E+01	1.291E+01	2.947E+00	2.251E+01	1.685E+01	1.273E+00
1.600E+04	1.153E+01	1.031E+03	6.873E+01	1.303E+01	2.962E+00	2.222E+01	1.666E+01	1.273E+00
1.620E+04	1.133E+01	1.047E+03	6.900E+01	1.314E+01	2.977E+00	2.200E+01	1.653E+01	1.273E+00
1.640E+04	1.114E+01	1.063E+03	6.927E+01	1.325E+01	2.990E+00	2.186E+01	1.646E+01	1.272E+00
1.660E+04	1.096E+01	1.079E+03	6.954E+01	1.335E+01	3.004E+00	2.178E+01	1.644E+01	1.271E+00
1.680E+04	1.078E+01	1.095E+03	6.980E+01	1.345E+01	3.017E+00	2.177E+01	1.646E+01	1.269E+00
1.700E+04	1.061E+01	1.111E+03	7.005E+01	1.355E+01	3.027E+00	2.181E+01	1.653E+01	1.267E+00
1.720E+04	1.045E+01	1.127E+03	7.031E+01	1.365E+01	3.041E+00	2.189E+01	1.663E+01	1.265E+00
1.740E+04	1.029E+01	1.143E+03	7.056E+01	1.374E+01	3.053E+00	2.202E+01	1.676E+01	1.263E+00
1.760E+04	1.013E+01	1.159E+03	7.082E+01	1.383E+01	3.065E+00	2.219E+01	1.692E+01	1.261E+00
1.780E+04	9.979E+00	1.176E+03	7.107E+01	1.393E+01	3.077E+00	2.239E+01	1.711E+01	1.259E+00
1.800E+04	9.831E+00	1.192E+03	7.132E+01	1.402E+01	3.088E+00	2.263E+01	1.732E+01	1.256E+00
1.820E+04	9.687E+00	1.209E+03	7.157E+01	1.411E+01	3.100E+00	2.289E+01	1.755E+01	1.254E+00
1.840E+04	9.547E+00	1.226E+03	7.182E+01	1.420E+01	3.111E+00	2.317E+01	1.780E+01	1.252E+00
1.860E+04	9.409E+00	1.243E+03	7.207E+01	1.429E+01	3.123E+00	2.347E+01	1.806E+01	1.249E+00
1.880E+04	9.275E+00	1.260E+03	7.233E+01	1.438E+01	3.134E+00	2.380E+01	1.833E+01	1.247E+00
1.900E+04	9.143E+00	1.278E+03	7.258E+01	1.447E+01	3.146E+00	2.413E+01	1.861E+01	1.245E+00
1.920E+04	9.015E+00	1.295E+03	7.283E+01	1.456E+01	3.158E+00	2.449E+01	1.890E+01	1.243E+00
1.940E+04	8.888E+00	1.314E+03	7.309E+01	1.465E+01	3.170E+00	2.485E+01	1.920E+01	1.241E+00
1.960E+04	8.765E+00	1.332E+03	7.335E+01	1.474E+01	3.181E+00	2.523E+01	1.951E+01	1.239E+00
1.980E+04	8.643E+00	1.350E+03	7.360E+01	1.484E+01	3.194E+00	2.561E+01	1.982E+01	1.238E+00
2.000E+04	8.524E+00	1.369E+03	7.386E+01	1.493E+01	3.206E+00	2.600E+01	2.013E+01	1.236E+00
2.020E+04	8.407E+00	1.389E+03	7.412E+01	1.502E+01	3.218E+00	2.640E+01	2.044E+01	1.234E+00
2.040E+04	8.293E+00	1.408E+03	7.439E+01	1.512E+01	3.231E+00	2.681E+01	2.076E+01	1.233E+00
2.060E+04	8.180E+00	1.428E+03	7.465E+01	1.521E+01	3.243E+00	2.721E+01	2.107E+01	1.232E+00
2.080E+04	8.069E+00	1.448E+03	7.492E+01	1.531E+01	3.256E+00	2.762E+01	2.139E+01	1.230E+00
2.100E+04	7.960E+00	1.468E+03	7.518E+01	1.541E+01	3.270E+00	2.804E+01	2.170E+01	1.229E+00
2.120E+04	7.853E+00	1.489E+03	7.545E+01	1.551E+01	3.283E+00	2.845E+01	2.201E+01	1.228E+00
2.140E+04	7.747E+00	1.510E+03	7.572E+01	1.561E+01	3.297E+00	2.886E+01	2.232E+01	1.227E+00
2.160E+04	7.643E+00	1.531E+03	7.599E+01	1.571E+01	3.310E+00	2.928E+01	2.263E+01	1.226E+00
2.180E+04	7.541E+00	1.553E+03	7.626E+01	1.581E+01	3.325E+00	2.969E+01	2.293E+01	1.226E+00
2.200E+04	7.441E+00	1.575E+03	7.653E+01	1.591E+01	3.339E+00	3.010E+01	2.325E+01	1.225E+00
2.220E+04	7.342E+00	1.597E+03	7.681E+01	1.601E+01	3.353E+00	3.051E+01	2.352E+01	1.224E+00
2.240E+04	7.244E+00	1.619E+03	7.708E+01	1.612E+01	3.368E+00	3.091E+01	2.381E+01	1.224E+00
2.260E+04	7.148E+00	1.642E+03	7.736E+01	1.622E+01	3.383E+00	3.131E+01	2.409E+01	1.223E+00
2.280E+04	7.054E+00	1.665E+03	7.764E+01	1.633E+01	3.398E+00	3.171E+01	2.437E+01	1.223E+00
2.300E+04	6.961E+00	1.689E+03	7.792E+01	1.643E+01	3.414E+00	3.210E+01	2.463E+01	1.223E+00
2.320E+04	6.869E+00	1.712E+03	7.820E+01	1.654E+01	3.430E+00	3.249E+01	2.490E+01	1.223E+00
2.340E+04	6.779E+00	1.736E+03	7.848E+01	1.665E+01	3.446E+00	3.287E+01	2.515E+01	1.224E+00
2.360E+04	6.690E+00	1.760E+03	7.876E+01	1.676E+01	3.462E+00	3.324E+01	2.540E+01	1.223E+00
2.380E+04	6.602E+00	1.785E+03	7.904E+01	1.687E+01	3.478E+00	3.361E+01	2.564E+01	1.223E+00
2.400E+04	6.516E+00	1.810E+03	7.932E+01	1.699E+01	3.495E+00	3.397E+01	2.587E+01	1.223E+00
2.420E+04	6.431E+00	1.835E+03	7.961E+01	1.710E+01	3.512E+00	3.432E+01	2.609E+01	1.223E+00
2.440E+04	6.347E+00	1.860E+03	7.989E+01	1.722E+01	3.529E+00	3.467E+01	2.631E+01	1.224E+00
2.460E+04	6.265E+00	1.885E+03	8.017E+01	1.733E+01	3.546E+00	3.501E+01	2.651E+01	1.224E+00
2.480E+04	6.183E+00	1.911E+03	8.046E+01	1.745E+01	3.564E+00	3.533E+01	2.671E+01	1.224E+00
2.500E+04	6.103E+00	1.937E+03	8.074E+01	1.757E+01	3.582E+00	3.565E+01	2.690E+01	1.225E+00

Table 1. - Continued.

P/P0 = 3.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
1.000E+02	8.198E+03	-1.718E+02	1.351E+01	6.271E-01	1.000E+00	3.512E+00	2.512E+00	1.398E+00
2.000E+02	4.099E+03	-1.705E+02	1.603E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	2.733E+03	-1.690E+02	1.772E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.050E+03	-1.672E+02	1.908E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	1.640E+03	-1.653E+02	2.023E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.366E+03	-1.633E+02	2.126E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.171E+03	-1.612E+02	2.214E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.025E+03	-1.590E+02	2.295E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	9.109E+02	-1.567E+02	2.368E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	8.198E+02	-1.543E+02	2.436E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	7.453E+02	-1.519E+02	2.499E+01	1.909E+00	1.000E+00	6.636E+00	5.636E+00	1.177E+00
1.200E+03	6.832E+02	-1.494E+02	2.557E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	6.306E+02	-1.470E+02	2.611E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	5.856E+02	-1.444E+02	2.662E+01	2.146E+00	1.000E+00	6.911E+00	5.911E+00	1.169E+00
1.500E+03	5.465E+02	-1.419E+02	2.710E+01	2.219E+00	1.000E+00	6.980E+00	5.980E+00	1.167E+00
1.600E+03	5.124E+02	-1.393E+02	2.756E+01	2.290E+00	1.000E+00	7.045E+00	6.045E+00	1.166E+00
1.700E+03	4.822E+02	-1.367E+02	2.798E+01	2.359E+00	1.000E+00	7.111E+00	6.111E+00	1.164E+00
1.800E+03	4.554E+02	-1.341E+02	2.839E+01	2.426E+00	1.000E+00	7.185E+00	6.185E+00	1.162E+00
1.900E+03	4.314E+02	-1.315E+02	2.878E+01	2.491E+00	1.000E+00	7.271E+00	6.264E+00	1.161E+00
2.000E+03	4.097E+02	-1.288E+02	2.916E+01	2.546E+00	1.001E+00	7.376E+00	6.364E+00	1.159E+00
2.100E+03	3.900E+02	-1.261E+02	2.952E+01	2.615E+00	1.001E+00	7.509E+00	6.489E+00	1.157E+00
2.200E+03	3.721E+02	-1.233E+02	2.988E+01	2.675E+00	1.001E+00	7.674E+00	6.644E+00	1.155E+00
2.300E+03	3.556E+02	-1.205E+02	3.022E+01	2.733E+00	1.002E+00	7.878E+00	6.833E+00	1.152E+00
2.400E+03	3.404E+02	-1.175E+02	3.056E+01	2.791E+00	1.003E+00	8.127E+00	7.062E+00	1.150E+00
2.500E+03	3.263E+02	-1.145E+02	3.090E+01	2.847E+00	1.005E+00	8.423E+00	7.332E+00	1.147E+00
2.600E+03	3.132E+02	-1.113E+02	3.124E+01	2.903E+00	1.007E+00	8.769E+00	7.646E+00	1.144E+00
2.700E+03	3.008E+02	-1.081E+02	3.157E+01	2.959E+00	1.009E+00	9.167E+00	8.000E+00	1.142E+00
2.800E+03	2.892E+02	-1.046E+02	3.192E+01	3.015E+00	1.012E+00	9.615E+00	8.404E+00	1.140E+00
2.900E+03	2.782E+02	-1.010E+02	3.226E+01	3.071E+00	1.016E+00	1.011E+01	8.843E+00	1.138E+00
3.000E+03	2.677E+02	-9.722E+01	3.261E+01	3.128E+00	1.021E+00	1.066E+01	9.318E+00	1.136E+00
3.100E+03	2.576E+02	-9.321E+01	3.297E+01	3.187E+00	1.026E+00	1.124E+01	9.823E+00	1.135E+00
3.200E+03	2.480E+02	-8.899E+01	3.334E+01	3.246E+00	1.033E+00	1.185E+01	1.035E+01	1.134E+00
3.300E+03	2.388E+02	-8.453E+01	3.371E+01	3.308E+00	1.040E+00	1.250E+01	1.089E+01	1.133E+00
3.400E+03	2.299E+02	-7.983E+01	3.410E+01	3.371E+00	1.049E+00	1.316E+01	1.144E+01	1.133E+00
3.500E+03	2.214E+02	-7.489E+01	3.449E+01	3.435E+00	1.058E+00	1.383E+01	1.199E+01	1.133E+00
3.600E+03	2.131E+02	-6.971E+01	3.489E+01	3.502E+00	1.068E+00	1.450E+01	1.253E+01	1.134E+00
3.700E+03	2.052E+02	-6.428E+01	3.529E+01	3.571E+00	1.080E+00	1.516E+01	1.305E+01	1.135E+00
3.800E+03	1.975E+02	-5.861E+01	3.570E+01	3.642E+00	1.092E+00	1.580E+01	1.355E+01	1.136E+00
3.900E+03	1.901E+02	-5.271E+01	3.612E+01	3.715E+00	1.106E+00	1.641E+01	1.401E+01	1.137E+00
4.000E+03	1.829E+02	-4.660E+01	3.655E+01	3.789E+00	1.120E+00	1.698E+01	1.443E+01	1.139E+00
4.100E+03	1.761E+02	-4.028E+01	3.697E+01	3.866E+00	1.136E+00	1.751E+01	1.481E+01	1.141E+00
4.200E+03	1.695E+02	-3.378E+01	3.740E+01	3.944E+00	1.152E+00	1.799E+01	1.514E+01	1.143E+00
4.300E+03	1.631E+02	-2.711E+01	3.783E+01	4.024E+00	1.169E+00	1.842E+01	1.543E+01	1.146E+00
4.400E+03	1.571E+02	-2.030E+01	3.826E+01	4.106E+00	1.186E+00	1.879E+01	1.566E+01	1.148E+00
4.500E+03	1.513E+02	-1.336E+01	3.868E+01	4.189E+00	1.204E+00	1.910E+01	1.584E+01	1.151E+00
4.600E+03	1.457E+02	-6.317E+00	3.910E+01	4.273E+00	1.223E+00	1.936E+01	1.597E+01	1.154E+00
4.700E+03	1.404E+02	8.115E-01	3.952E+01	4.359E+00	1.242E+00	1.956E+01	1.606E+01	1.157E+00
4.800E+03	1.354E+02	8.006E+00	3.994E+01	4.445E+00	1.261E+00	1.972E+01	1.610E+01	1.160E+00
4.900E+03	1.306E+02	1.523E+01	4.035E+01	4.532E+00	1.281E+00	1.983E+01	1.611E+01	1.163E+00
5.000E+03	1.261E+02	2.252E+01	4.075E+01	4.620E+00	1.301E+00	1.989E+01	1.609E+01	1.167E+00
5.100E+03	1.217E+02	2.987E+01	4.114E+01	4.708E+00	1.320E+00	1.992E+01	1.604E+01	1.170E+00
5.200E+03	1.176E+02	3.711E+01	4.153E+01	4.797E+00	1.347E+00	1.992E+01	1.596E+01	1.174E+00
5.300E+03	1.137E+02	4.440E+01	4.191E+01	4.886E+00	1.360E+00	1.989E+01	1.587E+01	1.177E+00
5.400E+03	1.100E+02	5.167E+01	4.228E+01	4.975E+00	1.380E+00	1.984E+01	1.576E+01	1.181E+00
5.500E+03	1.065E+02	5.893E+01	4.264E+01	5.065E+00	1.400E+00	1.977E+01	1.564E+01	1.185E+00
5.600E+03	1.031E+02	6.615E+01	4.300E+01	5.154E+00	1.419E+00	1.969E+01	1.551E+01	1.188E+00
5.700E+03	9.995E+01	7.335E+01	4.335E+01	5.244E+00	1.439E+00	1.959E+01	1.537E+01	1.192E+00
5.800E+03	9.692E+01	8.050E+01	4.369E+01	5.334E+00	1.458E+00	1.948E+01	1.522E+01	1.196E+00
5.900E+03	9.403E+01	8.762E+01	4.402E+01	5.423E+00	1.478E+00	1.936E+01	1.507E+01	1.199E+00
6.000E+03	9.129E+01	9.469E+01	4.434E+01	5.51E+00	1.497E+00	1.923E+01	1.491E+01	1.203E+00
6.100E+03	8.867E+01	1.017E+02	4.466E+01	5.602E+00	1.516E+00	1.910E+01	1.475E+01	1.207E+00
6.200E+03	8.618E+01	1.087E+02	4.497E+01	5.691E+00	1.534E+00	1.895E+01	1.458E+01	1.210E+00
6.300E+03	8.381E+01	1.156E+02	4.527E+01	5.779E+00	1.553E+00	1.879E+01	1.441E+01	1.214E+00
6.400E+03	8.155E+01	1.224E+02	4.557E+01	5.868E+00	1.571E+00	1.862E+01	1.423E+01	1.217E+00
6.500E+03	7.939E+01	1.292E+02	4.585E+01	5.956E+00	1.589E+00	1.844E+01	1.405E+01	1.221E+00
6.600E+03	7.733E+01	1.359E+02	4.613E+01	6.043E+00	1.606E+00	1.825E+01	1.386E+01	1.225E+00
6.700E+03	7.537E+01	1.426E+02	4.641E+01	6.130E+00	1.623E+00	1.805E+01	1.367E+01	1.228E+00
6.800E+03	7.350E+01	1.492E+02	4.667E+01	6.216E+00	1.640E+00	1.783E+01	1.347E+01	1.232E+00
6.900E+03	7.172E+01	1.557E+02	4.693E+01	6.302E+00	1.657E+00	1.761E+01	1.327E+01	1.235E+00
7.000E+03	7.001E+01	1.621E+02	4.718E+01	6.387E+00	1.673E+00	1.737E+01	1.306E+01	1.238E+00
7.100E+03	6.839E+01	1.684E+02	4.743E+01	6.471E+00	1.688E+00	1.713E+01	1.285E+01	1.242E+00
7.200E+03	6.683E+01	1.746E+02	4.767E+01	6.554E+00	1.704E+00	1.688E+01	1.264E+01	1.245E+00
7.300E+03	6.535E+01	1.808E+02	4.790E+01	6.636E+00	1.718E+00	1.663E+01	1.243E+01	1.248E+00
7.400E+03	6.394E+01	1.868E+02	4.812E+01	6.717E+00	1.733E+00	1.637E+01	1.222E+01	1.251E+00
7.500E+03	6.258E+01	1.927E+02	4.834E+01	6.797E+00	1.747E+00	1.611E+01	1.201E+01	1.254E+00
7.600E+03	6.129E+01	1.986E+02	4.855E+01	6.875E+00	1.760E+00	1.585E+01	1.181E+01	1.256E+00
7.700E+03	6.006E+01	2.044E+02	4.876E+01	6.952E+00	1.773E+00	1.560E+01	1.162E+01	1.259E+00
7.800E+03	5.888E+01	2.100E+02	4.896E+01	7.027E+00	1.785E+00	1.536E+01	1.144E+01	1.261E+00
7.900E+03	5.775E+01	2.156E+02	4.915E+01	7.101E+00	1.797E+00	1.514E+01	1.127E+01	1.263E+00
8.000E+03	5.667E+01	2.211E+02	4.934E+01	7.172E+00	1.808E+00	1.493E+01	1.112E+01	1.264E+00
8.200E+03	5.453E+01	2.319E+02	4.971E+01	7.309E+00	1.830E+00	1.457E+01	1.087E+01	1.266E+00

Table I. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/AO	Z	CP/R	CV/R	GAMMA
8.400E+03	5.276E+01	2.425E+02	5.005E+01	7.438E+00	1.850E+00	1.432E+01	1.072E+01	1.266E+00
8.600E+03	5.103E+01	2.529E+02	5.039E+01	7.558E+00	1.868E+00	1.420E+01	1.068E+01	1.264E+00
8.800E+03	4.941E+01	2.633E+02	5.072E+01	7.669E+00	1.885E+00	1.426E+01	1.078E+01	1.260E+00
9.000E+03	4.789E+01	2.739E+02	5.104E+01	7.771E+00	1.902E+00	1.450E+01	1.107E+01	1.254E+00
9.200E+03	4.646E+01	2.847E+02	5.136E+01	7.867E+00	1.918E+00	1.496E+01	1.141E+01	1.247E+00
9.400E+03	4.510E+01	2.959E+02	5.169E+01	7.959E+00	1.934E+00	1.565E+01	1.201E+01	1.239E+00
9.600E+03	4.379E+01	3.076E+02	5.203E+01	8.048E+00	1.950E+00	1.659E+01	1.290E+01	1.230E+00
9.800E+03	4.253E+01	3.202E+02	5.239E+01	8.139E+00	1.967E+00	1.779E+01	1.391E+01	1.222E+00
1.000E+04	4.130E+01	3.338E+02	5.276E+01	8.234E+00	1.985E+00	1.922E+01	1.510E+01	1.214E+00
1.020E+04	4.009E+01	3.485E+02	5.315E+01	8.334E+00	2.005E+00	2.088E+01	1.644E+01	1.207E+00
1.040E+04	3.890E+01	3.644E+02	5.358E+01	8.442E+00	2.027E+00	2.272E+01	1.790E+01	1.202E+00
1.060E+04	3.772E+01	3.818E+02	5.403E+01	8.558E+00	2.051E+00	2.469E+01	1.944E+01	1.198E+00
1.080E+04	3.655E+01	4.006E+02	5.451E+01	8.682E+00	2.077E+00	2.672E+01	2.098E+01	1.195E+00
1.100E+04	3.540E+01	4.209E+02	5.502E+01	8.816E+00	2.106E+00	2.874E+01	2.248E+01	1.193E+00
1.120E+04	3.426E+01	4.427E+02	5.556E+01	8.959E+00	2.137E+00	3.067E+01	2.388E+01	1.192E+00
1.140E+04	3.314E+01	4.658E+02	5.612E+01	9.109E+00	2.170E+00	3.245E+01	2.513E+01	1.192E+00
1.160E+04	3.204E+01	4.902E+02	5.669E+01	9.268E+00	2.206E+00	3.401E+01	2.619E+01	1.192E+00
1.180E+04	3.097E+01	5.156E+02	5.729E+01	9.433E+00	2.243E+00	3.530E+01	2.703E+01	1.195E+00
1.200E+04	2.993E+01	5.418E+02	5.789E+01	9.603E+00	2.282E+00	3.629E+01	2.764E+01	1.197E+00
1.220E+04	2.894E+01	5.686E+02	5.850E+01	9.778E+00	2.322E+00	3.696E+01	2.800E+01	1.200E+00
1.240E+04	2.798E+01	5.959E+02	5.910E+01	9.957E+00	2.363E+00	3.730E+01	2.813E+01	1.203E+00
1.260E+04	2.707E+01	6.232E+02	5.970E+01	1.014E+01	2.403E+00	3.733E+01	2.804E+01	1.207E+00
1.280E+04	2.621E+01	6.505E+02	6.028E+01	1.032E+01	2.444E+00	3.708E+01	2.775E+01	1.210E+00
1.300E+04	2.539E+01	6.775E+02	6.086E+01	1.050E+01	2.484E+00	3.658E+01	2.730E+01	1.215E+00
1.320E+04	2.462E+01	7.040E+02	6.141E+01	1.069E+01	2.522E+00	3.587E+01	2.670E+01	1.219E+00
1.340E+04	2.390E+01	7.299E+02	6.194E+01	1.087E+01	2.560E+00	3.499E+01	2.600E+01	1.224E+00
1.360E+04	2.322E+01	7.552E+02	6.245E+01	1.105E+01	2.596E+00	3.399E+01	2.522E+01	1.228E+00
1.380E+04	2.258E+01	7.797E+02	6.294E+01	1.122E+01	2.631E+00	3.291E+01	2.440E+01	1.233E+00
1.400E+04	2.199E+01	8.034E+02	6.341E+01	1.139E+01	2.663E+00	3.180E+01	2.355E+01	1.238E+00
1.420E+04	2.143E+01	8.263E+02	6.385E+01	1.156E+01	2.694E+00	3.068E+01	2.272E+01	1.242E+00
1.440E+04	2.091E+01	8.483E+02	6.427E+01	1.173E+01	2.723E+00	2.958E+01	2.190E+01	1.247E+00
1.460E+04	2.041E+01	8.694E+02	6.467E+01	1.189E+01	2.751E+00	2.854E+01	2.113E+01	1.251E+00
1.480E+04	1.995E+01	8.901E+02	6.505E+01	1.204E+01	2.776E+00	2.755E+01	2.041E+01	1.254E+00
1.500E+04	1.952E+01	9.099E+02	6.542E+01	1.219E+01	2.800E+00	2.664E+01	1.975E+01	1.258E+00
1.520E+04	1.911E+01	9.291E+02	6.576E+01	1.234E+01	2.823E+00	2.582E+01	1.916E+01	1.261E+00
1.540E+04	1.872E+01	9.478E+02	6.610E+01	1.247E+01	2.844E+00	2.508E+01	1.863E+01	1.263E+00
1.560E+04	1.835E+01	9.659E+02	6.642E+01	1.261E+01	2.864E+00	2.443E+01	1.817E+01	1.265E+00
1.580E+04	1.800E+01	9.836E+02	6.672E+01	1.274E+01	2.883E+00	2.387E+01	1.778E+01	1.266E+00
1.600E+04	1.767E+01	1.001E+03	6.702E+01	1.286E+01	2.900E+00	2.340E+01	1.746E+01	1.267E+00
1.620E+04	1.735E+01	1.018E+03	6.731E+01	1.298E+01	2.917E+00	2.300E+01	1.720E+01	1.268E+00
1.640E+04	1.705E+01	1.035E+03	6.759E+01	1.310E+01	2.932E+00	2.268E+01	1.699E+01	1.268E+00
1.660E+04	1.676E+01	1.051E+03	6.786E+01	1.321E+01	2.947E+00	2.243E+01	1.684E+01	1.267E+00
1.680E+04	1.648E+01	1.067E+03	6.813E+01	1.331E+01	2.962E+00	2.225E+01	1.674E+01	1.267E+00
1.700E+04	1.621E+01	1.084E+03	6.839E+01	1.342E+01	2.975E+00	2.213E+01	1.669E+01	1.265E+00
1.720E+04	1.595E+01	1.100E+03	6.865E+01	1.352E+01	2.988E+00	2.206E+01	1.667E+01	1.264E+00
1.740E+04	1.570E+01	1.116E+03	6.891E+01	1.362E+01	3.001E+00	2.204E+01	1.670E+01	1.262E+00
1.760E+04	1.546E+01	1.132E+03	6.916E+01	1.371E+01	3.013E+00	2.206E+01	1.676E+01	1.261E+00
1.780E+04	1.522E+01	1.148E+03	6.941E+01	1.381E+01	3.026E+00	2.213E+01	1.685E+01	1.259E+00
1.800E+04	1.500E+01	1.165E+03	6.966E+01	1.390E+01	3.037E+00	2.223E+01	1.696E+01	1.257E+00
1.820E+04	1.477E+01	1.181E+03	6.990E+01	1.399E+01	3.049E+00	2.237E+01	1.710E+01	1.254E+00
1.840E+04	1.456E+01	1.197E+03	7.015E+01	1.408E+01	3.060E+00	2.253E+01	1.726E+01	1.252E+00
1.860E+04	1.435E+01	1.214E+03	7.039E+01	1.417E+01	3.071E+00	2.273E+01	1.744E+01	1.250E+00
1.880E+04	1.415E+01	1.231E+03	7.064E+01	1.426E+01	3.082E+00	2.294E+01	1.764E+01	1.248E+00
1.900E+04	1.395E+01	1.247E+03	7.088E+01	1.435E+01	3.094E+00	2.317E+01	1.785E+01	1.246E+00
1.920E+04	1.375E+01	1.264E+03	7.112E+01	1.444E+01	3.105E+00	2.343E+01	1.807E+01	1.244E+00
1.940E+04	1.355E+01	1.282E+03	7.137E+01	1.453E+01	3.116E+00	2.370E+01	1.831E+01	1.242E+00
1.960E+04	1.338E+01	1.299E+03	7.161E+01	1.462E+01	3.127E+00	2.398E+01	1.855E+01	1.240E+00
1.980E+04	1.320E+01	1.317E+03	7.186E+01	1.471E+01	3.138E+00	2.427E+01	1.879E+01	1.238E+00
2.000E+04	1.302E+01	1.335E+03	7.210E+01	1.480E+01	3.149E+00	2.458E+01	1.905E+01	1.236E+00
2.020E+04	1.284E+01	1.353E+03	7.235E+01	1.489E+01	3.160E+00	2.489E+01	1.931E+01	1.235E+00
2.040E+04	1.267E+01	1.371E+03	7.260E+01	1.498E+01	3.171E+00	2.521E+01	1.957E+01	1.233E+00
2.060E+04	1.251E+01	1.390E+03	7.284E+01	1.507E+01	3.182E+00	2.554E+01	1.983E+01	1.232E+00
2.080E+04	1.234E+01	1.409E+03	7.309E+01	1.516E+01	3.194E+00	2.587E+01	2.010E+01	1.230E+00
2.100E+04	1.218E+01	1.428E+03	7.334E+01	1.525E+01	3.205E+00	2.621E+01	2.037E+01	1.229E+00
2.120E+04	1.202E+01	1.447E+03	7.359E+01	1.535E+01	3.217E+00	2.655E+01	2.063E+01	1.228E+00
2.140E+04	1.186E+01	1.466E+03	7.384E+01	1.544E+01	3.229E+00	2.689E+01	2.090E+01	1.227E+00
2.160E+04	1.171E+01	1.486E+03	7.409E+01	1.553E+01	3.241E+00	2.723E+01	2.116E+01	1.225E+00
2.180E+04	1.156E+01	1.506E+03	7.435E+01	1.563E+01	3.253E+00	2.757E+01	2.142E+01	1.225E+00
2.200E+04	1.141E+01	1.527E+03	7.460E+01	1.573E+01	3.265E+00	2.792E+01	2.168E+01	1.224E+00
2.220E+04	1.127E+01	1.547E+03	7.485E+01	1.582E+01	3.278E+00	2.826E+01	2.194E+01	1.223E+00
2.240E+04	1.112E+01	1.568E+03	7.511E+01	1.592E+01	3.290E+00	2.860E+01	2.219E+01	1.222E+00
2.260E+04	1.098E+01	1.589E+03	7.536E+01	1.602E+01	3.303E+00	2.894E+01	2.244E+01	1.222E+00
2.280E+04	1.084E+01	1.610E+03	7.562E+01	1.612E+01	3.316E+00	2.928E+01	2.268E+01	1.221E+00
2.300E+04	1.071E+01	1.632E+03	7.588E+01	1.622E+01	3.329E+00	2.961E+01	2.292E+01	1.221E+00
2.320E+04	1.057E+01	1.654E+03	7.613E+01	1.632E+01	3.343E+00	2.995E+01	2.315E+01	1.221E+00
2.340E+04	1.044E+01	1.676E+03	7.639E+01	1.642E+01	3.356E+00	3.027E+01	2.338E+01	1.220E+00
2.360E+04	1.031E+01	1.698E+03	7.665E+01	1.652E+01	3.370E+00	3.060E+01	2.360E+01	1.220E+00
2.380E+04	1.018E+01	1.721E+03	7.691E+01	1.663E+01	3.384E+00	3.091E+01	2.382E+01	1.220E+00
2.400E+04	1.005E+01	1.743E+03	7.717E+01	1.673E+01	3.398E+00	3.123E+01	2.403E+01	1.220E+00
2.420E+04	9.927E+00	1.766E+03	7.743E+01	1.684E+01	3.412E+00	3.154E+01	2.423E+01	1.220E+00
2.440E+04	9.804E+00	1.790E+03	7.769E+01	1.694E+01	3.427E+00	3.184E+01	2.443E+01	1.220E+00
2.460E+04	9.683E+00	1.813E+03	7.795E+01	1.705E+01	3.442E+00	3.214E+01	2.463E+01	1.220E+00
2.480E+04	9.564E+00	1.837E+03	7.822E+01	1.716E+01	3.456E+00	3.243E+01	2.480E+01	1.221E+00
2.500E+04	9.446E+00	1.860E+03	7.848E+01	1.727E+01	3.472E+00	3.271E+01	2.498E+01	1.221E+00

Table I. - Continued.

P/P0 = 4.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
2.000E+02	5.465E+03	-1.705E+02	1.574E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	3.644E+03	-1.690E+02	1.743E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	2.733E+03	-1.672E+02	1.879E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	2.186E+03	-1.653E+02	1.946E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	1.822E+03	-1.633E+02	2.095E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.562E+03	-1.612E+02	2.185E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.366E+03	-1.590E+02	2.266E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.215E+03	-1.567E+02	2.340E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.093E+03	-1.543E+02	2.407E+01	1.822E+00	1.000E+00	6.508E+00	5.508E+00	1.182E+00
1.100E+03	9.937E+02	-1.519E+02	2.470E+01	1.909E+00	1.000E+00	6.636E+00	5.636E+00	1.177E+00
1.200E+03	9.109E+02	-1.494E+02	2.528E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	8.408E+02	-1.470E+02	2.583E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	7.808E+02	-1.444E+02	2.634E+01	2.144E+00	1.000E+00	6.910E+00	5.910E+00	1.169E+00
1.500E+03	7.287E+02	-1.419E+02	2.681E+01	2.219E+00	1.000E+00	6.979E+00	5.979E+00	1.167E+00
1.600E+03	6.832E+02	-1.393E+02	2.727E+01	2.290E+00	1.000E+00	7.043E+00	6.043E+00	1.166E+00
1.700E+03	6.429E+02	-1.367E+02	2.770E+01	2.359E+00	1.000E+00	7.108E+00	6.108E+00	1.164E+00
1.800E+03	6.072E+02	-1.341E+02	2.810E+01	2.426E+00	1.000E+00	7.178E+00	6.178E+00	1.162E+00
1.900E+03	5.752E+02	-1.315E+02	2.849E+01	2.491E+00	1.000E+00	7.260E+00	6.253E+00	1.161E+00
2.000E+03	5.463E+02	-1.288E+02	2.887E+01	2.556E+00	1.000E+00	7.359E+00	6.348E+00	1.159E+00
2.100E+03	5.201E+02	-1.261E+02	2.923E+01	2.616E+00	1.001E+00	7.461E+00	6.463E+00	1.157E+00
2.200E+03	4.962E+02	-1.233E+02	2.958E+01	2.675E+00	1.001E+00	7.564E+00	6.566E+00	1.155E+00
2.300E+03	4.743E+02	-1.205E+02	2.993E+01	2.734E+00	1.002E+00	7.671E+00	6.678E+00	1.153E+00
2.400E+03	4.541E+02	-1.176E+02	3.026E+01	2.791E+00	1.003E+00	7.780E+00	6.790E+00	1.150E+00
2.500E+03	4.353E+02	-1.146E+02	3.058E+01	2.847E+00	1.004E+00	7.891E+00	6.901E+00	1.148E+00
2.600E+03	4.178E+02	-1.115E+02	3.093E+01	2.903E+00	1.006E+00	8.004E+00	7.014E+00	1.145E+00
2.700E+03	4.014E+02	-1.083E+02	3.126E+01	2.959E+00	1.008E+00	8.119E+00	7.129E+00	1.143E+00
2.800E+03	3.860E+02	-1.049E+02	3.160E+01	3.015E+00	1.011E+00	8.236E+00	7.246E+00	1.141E+00
2.900E+03	3.714E+02	-1.014E+02	3.194E+01	3.071E+00	1.015E+00	8.354E+00	7.364E+00	1.139E+00
3.000E+03	3.575E+02	-9.762E+01	3.228E+01	3.127E+00	1.019E+00	8.473E+00	7.483E+00	1.137E+00
3.100E+03	3.443E+02	-9.379E+01	3.263E+01	3.185E+00	1.024E+00	8.593E+00	7.603E+00	1.136E+00
3.200E+03	3.317E+02	-8.969E+01	3.298E+01	3.244E+00	1.030E+00	8.714E+00	7.724E+00	1.135E+00
3.300E+03	3.195E+02	-8.539E+01	3.334E+01	3.304E+00	1.037E+00	8.836E+00	7.846E+00	1.134E+00
3.400E+03	3.079E+02	-8.087E+01	3.371E+01	3.365E+00	1.044E+00	8.959E+00	7.969E+00	1.134E+00
3.500E+03	2.966E+02	-7.612E+01	3.409E+01	3.429E+00	1.053E+00	9.083E+00	8.093E+00	1.134E+00
3.600E+03	2.858E+02	-7.114E+01	3.447E+01	3.494E+00	1.062E+00	9.208E+00	8.218E+00	1.134E+00
3.700E+03	2.753E+02	-6.594E+01	3.486E+01	3.561E+00	1.073E+00	9.334E+00	8.344E+00	1.135E+00
3.800E+03	2.652E+02	-6.051E+01	3.526E+01	3.629E+00	1.084E+00	9.461E+00	8.471E+00	1.136E+00
3.900E+03	2.555E+02	-5.486E+01	3.566E+01	3.700E+00	1.097E+00	9.589E+00	8.599E+00	1.138E+00
4.000E+03	2.461E+02	-4.901E+01	3.606E+01	3.773E+00	1.110E+00	9.718E+00	8.728E+00	1.139E+00
4.100E+03	2.371E+02	-4.297E+01	3.647E+01	3.847E+00	1.124E+00	9.848E+00	8.858E+00	1.141E+00
4.200E+03	2.284E+02	-3.674E+01	3.688E+01	3.923E+00	1.139E+00	9.979E+00	8.989E+00	1.143E+00
4.300E+03	2.201E+02	-3.035E+01	3.729E+01	4.000E+00	1.155E+00	1.011E+01	9.111E+00	1.145E+00
4.400E+03	2.121E+02	-2.381E+01	3.770E+01	4.080E+00	1.171E+00	1.026E+01	9.241E+00	1.148E+00
4.500E+03	2.044E+02	-1.715E+01	3.811E+01	4.160E+00	1.188E+00	1.041E+01	9.371E+00	1.150E+00
4.600E+03	1.971E+02	-1.038E+01	3.851E+01	4.242E+00	1.206E+00	1.056E+01	9.501E+00	1.153E+00
4.700E+03	1.901E+02	-3.512E+00	3.892E+01	4.325E+00	1.224E+00	1.071E+01	9.631E+00	1.156E+00
4.800E+03	1.834E+02	3.425E+00	3.932E+01	4.409E+00	1.242E+00	1.086E+01	9.761E+00	1.159E+00
4.900E+03	1.770E+02	1.042E+01	3.971E+01	4.493E+00	1.260E+00	1.101E+01	9.891E+00	1.162E+00
5.000E+03	1.709E+02	1.745E+01	4.010E+01	4.579E+00	1.279E+00	1.116E+01	1.002E+01	1.166E+00
5.100E+03	1.652E+02	2.451E+01	4.048E+01	4.665E+00	1.298E+00	1.131E+01	1.017E+01	1.169E+00
5.200E+03	1.597E+02	3.158E+01	4.086E+01	4.751E+00	1.317E+00	1.146E+01	1.032E+01	1.172E+00
5.300E+03	1.544E+02	3.866E+01	4.122E+01	4.838E+00	1.335E+00	1.161E+01	1.047E+01	1.176E+00
5.400E+03	1.493E+02	4.573E+01	4.158E+01	4.925E+00	1.354E+00	1.176E+01	1.062E+01	1.179E+00
5.500E+03	1.447E+02	5.278E+01	4.194E+01	5.013E+00	1.373E+00	1.191E+01	1.077E+01	1.183E+00
5.600E+03	1.402E+02	5.981E+01	4.228E+01	5.100E+00	1.392E+00	1.206E+01	1.092E+01	1.186E+00
5.700E+03	1.359E+02	6.682E+01	4.262E+01	5.188E+00	1.411E+00	1.221E+01	1.107E+01	1.190E+00
5.800E+03	1.318E+02	7.379E+01	4.295E+01	5.275E+00	1.429E+00	1.236E+01	1.122E+01	1.193E+00
5.900E+03	1.280E+02	8.073E+01	4.328E+01	5.363E+00	1.448E+00	1.251E+01	1.137E+01	1.197E+00
6.000E+03	1.243E+02	8.763E+01	4.360E+01	5.450E+00	1.466E+00	1.266E+01	1.152E+01	1.200E+00
6.100E+03	1.207E+02	9.449E+01	4.390E+01	5.537E+00	1.484E+00	1.281E+01	1.167E+01	1.204E+00
6.200E+03	1.174E+02	1.013E+02	4.421E+01	5.624E+00	1.502E+00	1.296E+01	1.182E+01	1.207E+00
6.300E+03	1.141E+02	1.061E+02	4.450E+01	5.711E+00	1.520E+00	1.311E+01	1.197E+01	1.211E+00
6.400E+03	1.111E+02	1.148E+02	4.479E+01	5.798E+00	1.538E+00	1.326E+01	1.212E+01	1.214E+00
6.500E+03	1.082E+02	1.215E+02	4.507E+01	5.884E+00	1.555E+00	1.341E+01	1.227E+01	1.218E+00
6.600E+03	1.054E+02	1.281E+02	4.535E+01	5.970E+00	1.572E+00	1.356E+01	1.242E+01	1.221E+00
6.700E+03	1.027E+02	1.346E+02	4.562E+01	6.056E+00	1.589E+00	1.371E+01	1.257E+01	1.225E+00
6.800E+03	1.001E+02	1.411E+02	4.588E+01	6.141E+00	1.605E+00	1.386E+01	1.272E+01	1.228E+00
6.900E+03	9.770E+01	1.475E+02	4.614E+01	6.225E+00	1.621E+00	1.401E+01	1.287E+01	1.231E+00
7.000E+03	9.537E+01	1.539E+02	4.639E+01	6.309E+00	1.637E+00	1.416E+01	1.302E+01	1.235E+00
7.100E+03	9.315E+01	1.602E+02	4.663E+01	6.392E+00	1.653E+00	1.431E+01	1.317E+01	1.238E+00
7.200E+03	9.102E+01	1.664E+02	4.687E+01	6.475E+00	1.668E+00	1.446E+01	1.332E+01	1.241E+00
7.300E+03	8.898E+01	1.726E+02	4.710E+01	6.556E+00	1.683E+00	1.461E+01	1.347E+01	1.244E+00
7.400E+03	8.703E+01	1.786E+02	4.733E+01	6.637E+00	1.697E+00	1.476E+01	1.362E+01	1.247E+00
7.500E+03	8.517E+01	1.846E+02	4.755E+01	6.716E+00	1.711E+00	1.491E+01	1.377E+01	1.249E+00
7.600E+03	8.338E+01	1.905E+02	4.776E+01	6.795E+00	1.725E+00	1.506E+01	1.392E+01	1.252E+00
7.700E+03	8.167E+01	1.963E+02	4.797E+01	6.877E+00	1.738E+00	1.521E+01	1.407E+01	1.254E+00
7.800E+03	8.004E+01	2.021E+02	4.817E+01	6.948E+00	1.751E+00	1.536E+01	1.422E+01	1.257E+00
7.900E+03	7.847E+01	2.079E+02	4.837E+01	7.023E+00	1.763E+00	1.551E+01	1.437E+01	1.259E+00
8.000E+03	7.697E+01	2.134E+02	4.856E+01	7.096E+00	1.775E+00	1.566E+01	1.452E+01	1.260E+00
8.200E+03	7.414E+01	2.244E+02	4.893E+01	7.237E+00	1.798E+00	1.581E+01	1.467E+01	1.263E+00
8.400E+03	7.154E+01	2.352E+02	4.929E+01	7.371E+00	1.819E+00	1.596E+01	1.482E+01	1.264E+00



Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.600E+03	6.913E+01	2.458E+02	4.963E+01	7.497E+00	1.839E+00	1.439E+01	1.077E+01	1.263E+00
8.800E+03	6.689E+01	2.563E+02	4.996E+01	7.614E+00	1.857E+00	1.434E+01	1.077E+01	1.261E+00
9.000E+03	6.479E+01	2.668E+02	5.026E+01	7.724E+00	1.875E+00	1.443E+01	1.090E+01	1.257E+00
9.200E+03	6.282E+01	2.775E+02	5.060E+01	7.827E+00	1.891E+00	1.469E+01	1.117E+01	1.252E+00
9.400E+03	6.096E+01	2.884E+02	5.092E+01	7.923E+00	1.907E+00	1.514E+01	1.159E+01	1.245E+00
9.600E+03	5.919E+01	2.997E+02	5.125E+01	8.016E+00	1.924E+00	1.580E+01	1.217E+01	1.237E+00
9.800E+03	5.749E+01	3.116E+02	5.158E+01	8.108E+00	1.940E+00	1.667E+01	1.293E+01	1.229E+00
1.000E+04	5.585E+01	3.242E+02	5.193E+01	8.200E+00	1.957E+00	1.777E+01	1.386E+01	1.221E+00
1.020E+04	5.425E+01	3.377E+02	5.230E+01	8.296E+00	1.975E+00	1.907E+01	1.494E+01	1.214E+00
1.040E+04	5.269E+01	3.522E+02	5.268E+01	8.396E+00	1.995E+00	2.057E+01	1.615E+01	1.208E+00
1.060E+04	5.115E+01	3.679E+02	5.309E+01	8.503E+00	2.016E+00	2.223E+01	1.747E+01	1.203E+00
1.080E+04	4.964E+01	3.848E+02	5.352E+01	8.617E+00	2.039E+00	2.399E+01	1.884E+01	1.199E+00
1.100E+04	4.814E+01	4.030E+02	5.398E+01	8.740E+00	2.064E+00	2.582E+01	2.023E+01	1.196E+00
1.120E+04	4.667E+01	4.226E+02	5.446E+01	8.870E+00	2.091E+00	2.764E+01	2.159E+01	1.194E+00
1.140E+04	4.521E+01	4.435E+02	5.496E+01	9.008E+00	2.121E+00	2.940E+01	2.287E+01	1.193E+00
1.160E+04	4.378E+01	4.657E+02	5.549E+01	9.154E+00	2.152E+00	3.103E+01	2.402E+01	1.193E+00
1.180E+04	4.238E+01	4.889E+02	5.603E+01	9.307E+00	2.186E+00	3.248E+01	2.501E+01	1.194E+00
1.200E+04	4.101E+01	5.132E+02	5.659E+01	9.466E+00	2.221E+00	3.372E+01	2.582E+01	1.195E+00
1.220E+04	3.969E+01	5.383E+02	5.716E+01	9.631E+00	2.258E+00	3.470E+01	2.644E+01	1.197E+00
1.240E+04	3.841E+01	5.640E+02	5.773E+01	9.800E+00	2.295E+00	3.541E+01	2.684E+01	1.200E+00
1.260E+04	3.718E+01	5.901E+02	5.830E+01	9.973E+00	2.333E+00	3.585E+01	2.705E+01	1.203E+00
1.280E+04	3.600E+01	6.164E+02	5.886E+01	1.015E+01	2.372E+00	3.602E+01	2.706E+01	1.206E+00
1.300E+04	3.488E+01	6.428E+02	5.942E+01	1.033E+01	2.410E+00	3.594E+01	2.690E+01	1.210E+00
1.320E+04	3.382E+01	6.690E+02	5.997E+01	1.050E+01	2.449E+00	3.563E+01	2.658E+01	1.213E+00
1.340E+04	3.281E+01	6.949E+02	6.050E+01	1.068E+01	2.486E+00	3.513E+01	2.613E+01	1.218E+00
1.360E+04	3.186E+01	7.204E+02	6.102E+01	1.086E+01	2.522E+00	3.446E+01	2.558E+01	1.222E+00
1.380E+04	3.097E+01	7.453E+02	6.152E+01	1.103E+01	2.558E+00	3.366E+01	2.495E+01	1.226E+00
1.400E+04	3.013E+01	7.697E+02	6.199E+01	1.121E+01	2.592E+00	3.278E+01	2.426E+01	1.230E+00
1.420E+04	2.933E+01	7.933E+02	6.245E+01	1.138E+01	2.624E+00	3.184E+01	2.354E+01	1.235E+00
1.440E+04	2.859E+01	8.163E+02	6.289E+01	1.154E+01	2.655E+00	3.087E+01	2.282E+01	1.239E+00
1.460E+04	2.789E+01	8.385E+02	6.331E+01	1.171E+01	2.685E+00	2.991E+01	2.210E+01	1.243E+00
1.480E+04	2.723E+01	8.601E+02	6.371E+01	1.187E+01	2.713E+00	2.896E+01	2.140E+01	1.247E+00
1.500E+04	2.661E+01	8.810E+02	6.409E+01	1.202E+01	2.739E+00	2.806E+01	2.074E+01	1.250E+00
1.520E+04	2.602E+01	9.012E+02	6.446E+01	1.217E+01	2.764E+00	2.720E+01	2.012E+01	1.253E+00
1.540E+04	2.547E+01	9.208E+02	6.481E+01	1.231E+01	2.787E+00	2.642E+01	1.956E+01	1.256E+00
1.560E+04	2.495E+01	9.399E+02	6.515E+01	1.245E+01	2.809E+00	2.570E+01	1.905E+01	1.258E+00
1.580E+04	2.445E+01	9.584E+02	6.547E+01	1.259E+01	2.830E+00	2.505E+01	1.859E+01	1.260E+00
1.600E+04	2.398E+01	9.766E+02	6.578E+01	1.272E+01	2.849E+00	2.448E+01	1.820E+01	1.262E+00
1.620E+04	2.353E+01	9.943E+02	6.608E+01	1.285E+01	2.867E+00	2.398E+01	1.786E+01	1.263E+00
1.640E+04	2.310E+01	1.012E+03	6.637E+01	1.297E+01	2.885E+00	2.355E+01	1.757E+01	1.263E+00
1.660E+04	2.270E+01	1.029E+03	6.666E+01	1.308E+01	2.901E+00	2.319E+01	1.734E+01	1.264E+00
1.680E+04	2.230E+01	1.046E+03	6.693E+01	1.320E+01	2.917E+00	2.290E+01	1.716E+01	1.263E+00
1.700E+04	2.193E+01	1.062E+03	6.720E+01	1.331E+01	2.932E+00	2.267E+01	1.703E+01	1.263E+00
1.720E+04	2.157E+01	1.079E+03	6.746E+01	1.341E+01	2.946E+00	2.249E+01	1.694E+01	1.262E+00
1.740E+04	2.122E+01	1.095E+03	6.772E+01	1.351E+01	2.960E+00	2.237E+01	1.688E+01	1.261E+00
1.760E+04	2.089E+01	1.112E+03	6.798E+01	1.361E+01	2.973E+00	2.230E+01	1.687E+01	1.259E+00
1.780E+04	2.057E+01	1.128E+03	6.823E+01	1.371E+01	2.986E+00	2.227E+01	1.689E+01	1.258E+00
1.800E+04	2.025E+01	1.144E+03	6.848E+01	1.381E+01	2.998E+00	2.228E+01	1.694E+01	1.256E+00
1.820E+04	1.995E+01	1.161E+03	6.873E+01	1.390E+01	3.010E+00	2.232E+01	1.701E+01	1.254E+00
1.840E+04	1.966E+01	1.177E+03	6.897E+01	1.399E+01	3.022E+00	2.240E+01	1.711E+01	1.252E+00
1.860E+04	1.937E+01	1.193E+03	6.921E+01	1.408E+01	3.033E+00	2.251E+01	1.723E+01	1.250E+00
1.880E+04	1.910E+01	1.210E+03	6.945E+01	1.417E+01	3.044E+00	2.265E+01	1.737E+01	1.248E+00
1.900E+04	1.883E+01	1.226E+03	6.969E+01	1.426E+01	3.056E+00	2.280E+01	1.753E+01	1.246E+00
1.920E+04	1.857E+01	1.243E+03	6.993E+01	1.435E+01	3.066E+00	2.298E+01	1.770E+01	1.244E+00
1.940E+04	1.831E+01	1.260E+03	7.017E+01	1.444E+01	3.077E+00	2.318E+01	1.788E+01	1.242E+00
1.960E+04	1.806E+01	1.277E+03	7.041E+01	1.453E+01	3.088E+00	2.340E+01	1.808E+01	1.240E+00
1.980E+04	1.782E+01	1.294E+03	7.065E+01	1.462E+01	3.099E+00	2.363E+01	1.828E+01	1.239E+00
2.000E+04	1.758E+01	1.312E+03	7.089E+01	1.471E+01	3.109E+00	2.387E+01	1.849E+01	1.236E+00
2.020E+04	1.734E+01	1.329E+03	7.113E+01	1.479E+01	3.120E+00	2.412E+01	1.871E+01	1.235E+00
2.040E+04	1.712E+01	1.347E+03	7.137E+01	1.488E+01	3.131E+00	2.438E+01	1.894E+01	1.233E+00
2.060E+04	1.689E+01	1.365E+03	7.161E+01	1.497E+01	3.141E+00	2.466E+01	1.916E+01	1.231E+00
2.080E+04	1.667E+01	1.383E+03	7.185E+01	1.506E+01	3.152E+00	2.493E+01	1.939E+01	1.237E+00
2.100E+04	1.646E+01	1.402E+03	7.209E+01	1.515E+01	3.163E+00	2.522E+01	1.962E+01	1.229E+00
2.120E+04	1.625E+01	1.420E+03	7.233E+01	1.524E+01	3.174E+00	2.550E+01	1.986E+01	1.227E+00
2.140E+04	1.604E+01	1.439E+03	7.257E+01	1.533E+01	3.185E+00	2.579E+01	2.009E+01	1.226E+00
2.160E+04	1.584E+01	1.458E+03	7.281E+01	1.542E+01	3.196E+00	2.609E+01	2.032E+01	1.225E+00
2.180E+04	1.564E+01	1.477E+03	7.305E+01	1.551E+01	3.207E+00	2.638E+01	2.056E+01	1.224E+00
2.200E+04	1.544E+01	1.496E+03	7.329E+01	1.561E+01	3.218E+00	2.668E+01	2.079E+01	1.223E+00
2.220E+04	1.525E+01	1.516E+03	7.353E+01	1.570E+01	3.229E+00	2.698E+01	2.102E+01	1.222E+00
2.240E+04	1.506E+01	1.536E+03	7.378E+01	1.579E+01	3.241E+00	2.728E+01	2.124E+01	1.221E+00
2.260E+04	1.487E+01	1.556E+03	7.402E+01	1.589E+01	3.252E+00	2.757E+01	2.146E+01	1.221E+00
2.280E+04	1.469E+01	1.576E+03	7.427E+01	1.598E+01	3.264E+00	2.787E+01	2.168E+01	1.220E+00
2.300E+04	1.451E+01	1.597E+03	7.451E+01	1.608E+01	3.276E+00	2.816E+01	2.190E+01	1.220E+00
2.320E+04	1.433E+01	1.618E+03	7.476E+01	1.617E+01	3.288E+00	2.845E+01	2.211E+01	1.219E+00
2.340E+04	1.415E+01	1.639E+03	7.500E+01	1.627E+01	3.300E+00	2.874E+01	2.232E+01	1.219E+00
2.360E+04	1.398E+01	1.660E+03	7.525E+01	1.637E+01	3.312E+00	2.903E+01	2.252E+01	1.219E+00
2.380E+04	1.381E+01	1.681E+03	7.549E+01	1.647E+01	3.325E+00	2.931E+01	2.272E+01	1.218E+00
2.400E+04	1.365E+01	1.703E+03	7.574E+01	1.657E+01	3.337E+00	2.959E+01	2.291E+01	1.218E+00
2.420E+04	1.348E+01	1.724E+03	7.599E+01	1.667E+01	3.350E+00	2.987E+01	2.310E+01	1.218E+00
2.440E+04	1.332E+01	1.746E+03	7.623E+01	1.677E+01	3.363E+00	3.014E+01	2.328E+01	1.218E+00
2.460E+04	1.316E+01	1.768E+03	7.648E+01	1.687E+01	3.376E+00	3.040E+01	2.346E+01	1.218E+00
2.480E+04	1.300E+01	1.791E+03	7.673E+01	1.697E+01	3.389E+00	3.066E+01	2.363E+01	1.218E+00
2.500E+04	1.285E+01	1.813E+03	7.697E+01	1.708E+01	3.403E+00	3.092E+01	2.379E+01	1.219E+00



Table I. - Continued.

P/P0 = 5.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
2.000E+02	6.832E+03	-1.705E+02	1.552E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	4.555E+03	-1.690E+02	1.721E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	3.416E+03	-1.672E+02	1.857E+01	1.187E+00	1.000E+00	4.969E+00	3.969E+00	1.252E+00
5.000E+02	2.733E+03	-1.653E+02	1.972E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.277E+03	-1.633E+02	2.073E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	1.952E+03	-1.612E+02	2.163E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	1.708E+03	-1.590E+02	2.244E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.518E+03	-1.567E+02	2.317E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.366E+03	-1.543E+02	2.385E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.242E+03	-1.519E+02	2.446E+01	1.909E+00	1.000E+00	6.636E+00	5.636E+00	1.177E+00
1.200E+03	1.139E+03	-1.494E+02	2.506E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.051E+03	-1.470E+02	2.560E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	9.760E+02	-1.444E+02	2.611E+01	2.146E+00	1.000E+00	6.910E+00	5.910E+00	1.169E+00
1.500E+03	9.109E+02	-1.419E+02	2.659E+01	2.219E+00	1.000E+00	6.979E+00	5.979E+00	1.167E+00
1.600E+03	8.537E+02	-1.393E+02	2.704E+01	2.291E+00	1.000E+00	7.042E+00	6.041E+00	1.166E+00
1.700E+03	8.037E+02	-1.367E+02	2.747E+01	2.359E+00	1.000E+00	7.106E+00	6.104E+00	1.164E+00
1.800E+03	7.590E+02	-1.341E+02	2.788E+01	2.426E+00	1.000E+00	7.173E+00	6.170E+00	1.163E+00
1.900E+03	7.190E+02	-1.315E+02	2.827E+01	2.491E+00	1.000E+00	7.252E+00	6.246E+00	1.161E+00
2.000E+03	6.829E+02	-1.288E+02	2.865E+01	2.554E+00	1.000E+00	7.346E+00	6.336E+00	1.159E+00
2.100E+03	6.502E+02	-1.261E+02	2.901E+01	2.616E+00	1.001E+00	7.462E+00	6.445E+00	1.157E+00
2.200E+03	6.203E+02	-1.234E+02	2.936E+01	2.676E+00	1.001E+00	7.605E+00	6.579E+00	1.155E+00
2.300E+03	5.929E+02	-1.205E+02	2.970E+01	2.734E+00	1.002E+00	7.781E+00	6.742E+00	1.153E+00
2.400E+03	5.677E+02	-1.176E+02	3.003E+01	2.791E+00	1.003E+00	7.993E+00	6.938E+00	1.151E+00
2.500E+03	5.443E+02	-1.147E+02	3.037E+01	2.848E+00	1.004E+00	8.246E+00	7.169E+00	1.149E+00
2.600E+03	5.225E+02	-1.116E+02	3.069E+01	2.904E+00	1.006E+00	8.541E+00	7.437E+00	1.146E+00
2.700E+03	5.021E+02	-1.084E+02	3.102E+01	2.959E+00	1.008E+00	8.880E+00	7.742E+00	1.144E+00
2.800E+03	4.829E+02	-1.051E+02	3.135E+01	3.015E+00	1.011E+00	9.262E+00	8.084E+00	1.142E+00
2.900E+03	4.648E+02	-1.016E+02	3.168E+01	3.070E+00	1.014E+00	9.686E+00	8.459E+00	1.140E+00
3.000E+03	4.475E+02	-9.800E+01	3.202E+01	3.127E+00	1.018E+00	1.015E+01	8.866E+00	1.138E+00
3.100E+03	4.311E+02	-9.420E+01	3.236E+01	3.184E+00	1.022E+00	1.065E+01	9.299E+00	1.137E+00
3.200E+03	4.154E+02	-9.020E+01	3.271E+01	3.242E+00	1.028E+00	1.118E+01	9.754E+00	1.136E+00
3.300E+03	4.004E+02	-8.601E+01	3.306E+01	3.301E+00	1.034E+00	1.173E+01	1.023E+01	1.135E+00
3.400E+03	3.860E+02	-8.161E+01	3.342E+01	3.362E+00	1.041E+00	1.230E+01	1.071E+01	1.135E+00
3.500E+03	3.721E+02	-7.703E+01	3.378E+01	3.424E+00	1.049E+00	1.289E+01	1.119E+01	1.135E+00
3.600E+03	3.587E+02	-7.217E+01	3.416E+01	3.488E+00	1.058E+00	1.348E+01	1.167E+01	1.135E+00
3.700E+03	3.458E+02	-6.713E+01	3.453E+01	3.553E+00	1.068E+00	1.406E+01	1.213E+01	1.136E+00
3.800E+03	3.333E+02	-6.187E+01	3.492E+01	3.621E+00	1.079E+00	1.463E+01	1.258E+01	1.137E+00
3.900E+03	3.213E+02	-5.641E+01	3.530E+01	3.690E+00	1.090E+00	1.519E+01	1.301E+01	1.138E+00
4.000E+03	3.097E+02	-5.076E+01	3.569E+01	3.760E+00	1.103E+00	1.572E+01	1.341E+01	1.140E+00
4.100E+03	2.986E+02	-4.491E+01	3.609E+01	3.833E+00	1.116E+00	1.621E+01	1.377E+01	1.141E+00
4.200E+03	2.878E+02	-3.889E+01	3.648E+01	3.907E+00	1.130E+00	1.667E+01	1.409E+01	1.143E+00
4.300E+03	2.775E+02	-3.270E+01	3.688E+01	3.983E+00	1.145E+00	1.709E+01	1.438E+01	1.145E+00
4.400E+03	2.676E+02	-2.637E+01	3.728E+01	4.060E+00	1.161E+00	1.747E+01	1.462E+01	1.148E+00
4.500E+03	2.581E+02	-1.992E+01	3.768E+01	4.139E+00	1.177E+00	1.779E+01	1.483E+01	1.150E+00
4.600E+03	2.490E+02	-1.335E+01	3.807E+01	4.219E+00	1.193E+00	1.808E+01	1.499E+01	1.153E+00
4.700E+03	2.402E+02	-6.684E+00	3.846E+01	4.300E+00	1.210E+00	1.831E+01	1.511E+01	1.156E+00
4.800E+03	2.319E+02	5.721E-02	3.885E+01	4.382E+00	1.227E+00	1.850E+01	1.519E+01	1.158E+00
4.900E+03	2.240E+02	6.859E+00	3.923E+01	4.464E+00	1.245E+00	1.864E+01	1.524E+01	1.161E+00
5.000E+03	2.164E+02	1.371E+01	3.961E+01	4.548E+00	1.263E+00	1.875E+01	1.525E+01	1.165E+00
5.100E+03	2.092E+02	2.059E+01	3.998E+01	4.632E+00	1.281E+00	1.882E+01	1.524E+01	1.168E+00
5.200E+03	2.023E+02	2.745E+01	4.035E+01	4.717E+00	1.299E+00	1.886E+01	1.520E+01	1.171E+00
5.300E+03	1.957E+02	3.440E+01	4.071E+01	4.802E+00	1.317E+00	1.887E+01	1.514E+01	1.174E+00
5.400E+03	1.895E+02	4.131E+01	4.106E+01	4.888E+00	1.335E+00	1.885E+01	1.507E+01	1.178E+00
5.500E+03	1.835E+02	4.821E+01	4.141E+01	4.973E+00	1.354E+00	1.882E+01	1.497E+01	1.181E+00
5.600E+03	1.779E+02	5.509E+01	4.175E+01	5.059E+00	1.372E+00	1.877E+01	1.487E+01	1.185E+00
5.700E+03	1.725E+02	6.195E+01	4.208E+01	5.145E+00	1.390E+00	1.870E+01	1.476E+01	1.188E+00
5.800E+03	1.673E+02	6.878E+01	4.240E+01	5.231E+00	1.408E+00	1.862E+01	1.464E+01	1.191E+00
5.900E+03	1.624E+02	7.559E+01	4.272E+01	5.317E+00	1.426E+00	1.853E+01	1.451E+01	1.195E+00
6.000E+03	1.578E+02	8.236E+01	4.303E+01	5.403E+00	1.443E+00	1.843E+01	1.438E+01	1.198E+00
6.100E+03	1.533E+02	8.909E+01	4.333E+01	5.489E+00	1.461E+00	1.833E+01	1.424E+01	1.202E+00
6.200E+03	1.491E+02	9.578E+01	4.363E+01	5.574E+00	1.478E+00	1.822E+01	1.411E+01	1.205E+00
6.300E+03	1.450E+02	1.024E+02	4.392E+01	5.660E+00	1.496E+00	1.810E+01	1.397E+01	1.209E+00
6.400E+03	1.411E+02	1.090E+02	4.421E+01	5.745E+00	1.513E+00	1.798E+01	1.383E+01	1.212E+00
6.500E+03	1.374E+02	1.156E+02	4.449E+01	5.830E+00	1.529E+00	1.785E+01	1.368E+01	1.215E+00
6.600E+03	1.339E+02	1.221E+02	4.476E+01	5.915E+00	1.546E+00	1.772E+01	1.354E+01	1.219E+00
6.700E+03	1.305E+02	1.286E+02	4.502E+01	5.999E+00	1.562E+00	1.758E+01	1.339E+01	1.222E+00
6.800E+03	1.273E+02	1.350E+02	4.528E+01	6.083E+00	1.579E+00	1.743E+01	1.324E+01	1.225E+00
6.900E+03	1.242E+02	1.414E+02	4.554E+01	6.166E+00	1.594E+00	1.728E+01	1.308E+01	1.229E+00
7.000E+03	1.212E+02	1.477E+02	4.578E+01	6.249E+00	1.610E+00	1.712E+01	1.293E+01	1.232E+00
7.100E+03	1.184E+02	1.535E+02	4.602E+01	6.331E+00	1.625E+00	1.696E+01	1.277E+01	1.235E+00
7.200E+03	1.157E+02	1.601E+02	4.626E+01	6.413E+00	1.640E+00	1.679E+01	1.262E+01	1.238E+00
7.300E+03	1.131E+02	1.662E+02	4.649E+01	6.494E+00	1.655E+00	1.661E+01	1.246E+01	1.241E+00
7.400E+03	1.106E+02	1.723E+02	4.672E+01	6.574E+00	1.670E+00	1.643E+01	1.230E+01	1.244E+00
7.500E+03	1.082E+02	1.782E+02	4.694E+01	6.654E+00	1.684E+00	1.625E+01	1.214E+01	1.246E+00
7.600E+03	1.059E+02	1.842E+02	4.715E+01	6.732E+00	1.697E+00	1.606E+01	1.199E+01	1.249E+00
7.700E+03	1.037E+02	1.900E+02	4.736E+01	6.809E+00	1.711E+00	1.588E+01	1.183E+01	1.251E+00
7.800E+03	1.016E+02	1.958E+02	4.756E+01	6.885E+00	1.724E+00	1.569E+01	1.168E+01	1.254E+00
7.900E+03	9.962E+01	2.015E+02	4.776E+01	6.960E+00	1.736E+00	1.551E+01	1.154E+01	1.256E+00
8.000E+03	9.768E+01	2.072E+02	4.796E+01	7.034E+00	1.748E+00	1.534E+01	1.140E+01	1.257E+00
8.200E+03	9.405E+01	2.183E+02	4.833E+01	7.177E+00	1.772E+00	1.501E+01	1.115E+01	1.260E+00
8.400E+03	9.069E+01	2.292E+02	4.869E+01	7.313E+00	1.794E+00	1.474E+01	1.097E+01	1.262E+00

Table I. - Continued.

T	RHO/RHO-0	H/R TO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.600E+03	8.758E+01	2.399E+02	4.903E+01	7.443E+00	1.814E+00	1.454E+01	1.084E+01	1.262E+00
8.800E+03	8.469E+01	2.505E+02	4.937E+01	7.565E+00	1.833E+00	1.443E+01	1.080E+01	1.261E+00
9.000E+03	8.199E+01	2.611E+02	4.969E+01	7.680E+00	1.852E+00	1.444E+01	1.086E+01	1.258E+00
9.200E+03	7.947E+01	2.717E+02	5.001E+01	7.787E+00	1.869E+00	1.459E+01	1.103E+01	1.254E+00
9.400E+03	7.709E+01	2.825E+02	5.033E+01	7.889E+00	1.886E+00	1.490E+01	1.133E+01	1.248E+00
9.600E+03	7.483E+01	2.936E+02	5.065E+01	7.985E+00	1.902E+00	1.538E+01	1.178E+01	1.241E+00
9.800E+03	7.268E+01	3.051E+02	5.097E+01	8.078E+00	1.918E+00	1.606E+01	1.237E+01	1.234E+00
1.000E+04	7.061E+01	3.172E+02	5.130E+01	8.171E+00	1.935E+00	1.692E+01	1.312E+01	1.227E+00
1.020E+04	6.861E+01	3.299E+02	5.165E+01	8.265E+00	1.952E+00	1.799E+01	1.401E+01	1.219E+00
1.040E+04	6.667E+01	3.436E+02	5.201E+01	8.362E+00	1.971E+00	1.923E+01	1.504E+01	1.213E+00
1.060E+04	6.477E+01	3.582E+02	5.239E+01	8.463E+00	1.990E+00	2.065E+01	1.618E+01	1.207E+00
1.080E+04	6.290E+01	3.739E+02	5.279E+01	8.571E+00	2.011E+00	2.219E+01	1.741E+01	1.202E+00
1.100E+04	6.106E+01	3.907E+02	5.321E+01	8.686E+00	2.034E+00	2.383E+01	1.868E+01	1.199E+00
1.120E+04	5.925E+01	4.088E+02	5.366E+01	8.808E+00	2.059E+00	2.551E+01	1.996E+01	1.196E+00
1.140E+04	5.747E+01	4.281E+02	5.413E+01	8.937E+00	2.085E+00	2.718E+01	2.120E+01	1.194E+00
1.160E+04	5.572E+01	4.486E+02	5.461E+01	9.074E+00	2.114E+00	2.879E+01	2.236E+01	1.194E+00
1.180E+04	5.399E+01	4.702E+02	5.512E+01	9.218E+00	2.145E+00	3.028E+01	2.341E+01	1.194E+00
1.200E+04	5.231E+01	4.929E+02	5.564E+01	9.368E+00	2.177E+00	3.161E+01	2.432E+01	1.194E+00
1.220E+04	5.067E+01	5.165E+02	5.617E+01	9.524E+00	2.210E+00	3.275E+01	2.507E+01	1.196E+00
1.240E+04	4.907E+01	5.409E+02	5.671E+01	9.685E+00	2.245E+00	3.367E+01	2.564E+01	1.198E+00
1.260E+04	4.753E+01	5.658E+02	5.726E+01	9.850E+00	2.281E+00	3.436E+01	2.603E+01	1.200E+00
1.280E+04	4.605E+01	5.911E+02	5.780E+01	1.002E+01	2.318E+00	3.480E+01	2.624E+01	1.203E+00
1.300E+04	4.463E+01	6.167E+02	5.834E+01	1.019E+01	2.355E+00	3.500E+01	2.629E+01	1.206E+00
1.320E+04	4.328E+01	6.423E+02	5.888E+01	1.036E+01	2.392E+00	3.499E+01	2.617E+01	1.209E+00
1.340E+04	4.199E+01	6.679E+02	5.940E+01	1.054E+01	2.428E+00	3.477E+01	2.592E+01	1.213E+00
1.360E+04	4.076E+01	6.932E+02	5.992E+01	1.071E+01	2.465E+00	3.437E+01	2.555E+01	1.217E+00
1.380E+04	3.961E+01	7.182E+02	6.041E+01	1.089E+01	2.500E+00	3.382E+01	2.509E+01	1.221E+00
1.400E+04	3.851E+01	7.427E+02	6.090E+01	1.106E+01	2.534E+00	3.316E+01	2.455E+01	1.225E+00
1.420E+04	3.748E+01	7.667E+02	6.136E+01	1.123E+01	2.568E+00	3.240E+01	2.395E+01	1.229E+00
1.440E+04	3.650E+01	7.902E+02	6.181E+01	1.140E+01	2.599E+00	3.158E+01	2.333E+01	1.233E+00
1.460E+04	3.558E+01	8.130E+02	6.224E+01	1.156E+01	2.630E+00	3.073E+01	2.268E+01	1.237E+00
1.480E+04	3.472E+01	8.352E+02	6.265E+01	1.172E+01	2.659E+00	2.987E+01	2.204E+01	1.241E+00
1.500E+04	3.390E+01	8.567E+02	6.305E+01	1.188E+01	2.687E+00	2.902E+01	2.141E+01	1.244E+00
1.520E+04	3.313E+01	8.777E+02	6.343E+01	1.203E+01	2.713E+00	2.820E+01	2.081E+01	1.248E+00
1.540E+04	3.240E+01	8.980E+02	6.379E+01	1.218E+01	2.738E+00	2.741E+01	2.025E+01	1.250E+00
1.560E+04	3.171E+01	9.178E+02	6.414E+01	1.232E+01	2.762E+00	2.668E+01	1.972E+01	1.253E+00
1.580E+04	3.106E+01	9.371E+02	6.447E+01	1.246E+01	2.784E+00	2.600E+01	1.924E+01	1.255E+00
1.600E+04	3.044E+01	9.559E+02	6.480E+01	1.260E+01	2.805E+00	2.538E+01	1.881E+01	1.257E+00
1.620E+04	2.986E+01	9.743E+02	6.511E+01	1.273E+01	2.825E+00	2.483E+01	1.843E+01	1.258E+00
1.640E+04	2.930E+01	9.923E+02	6.541E+01	1.285E+01	2.844E+00	2.434E+01	1.810E+01	1.259E+00
1.660E+04	2.876E+01	1.010E+03	6.570E+01	1.298E+01	2.862E+00	2.391E+01	1.782E+01	1.260E+00
1.680E+04	2.825E+01	1.027E+03	6.599E+01	1.309E+01	2.879E+00	2.354E+01	1.758E+01	1.260E+00
1.700E+04	2.777E+01	1.044E+03	6.626E+01	1.321E+01	2.895E+00	2.324E+01	1.740E+01	1.260E+00
1.720E+04	2.730E+01	1.061E+03	6.653E+01	1.332E+01	2.910E+00	2.299E+01	1.725E+01	1.259E+00
1.740E+04	2.685E+01	1.078E+03	6.680E+01	1.342E+01	2.925E+00	2.279E+01	1.714E+01	1.258E+00
1.760E+04	2.642E+01	1.095E+03	6.706E+01	1.353E+01	2.939E+00	2.264E+01	1.708E+01	1.257E+00
1.780E+04	2.600E+01	1.111E+03	6.731E+01	1.363E+01	2.952E+00	2.254E+01	1.704E+01	1.256E+00
1.800E+04	2.560E+01	1.128E+03	6.756E+01	1.372E+01	2.965E+00	2.248E+01	1.704E+01	1.255E+00
1.820E+04	2.521E+01	1.144E+03	6.781E+01	1.382E+01	2.978E+00	2.246E+01	1.707E+01	1.253E+00
1.840E+04	2.484E+01	1.161E+03	6.806E+01	1.391E+01	2.990E+00	2.247E+01	1.712E+01	1.251E+00
1.860E+04	2.447E+01	1.177E+03	6.830E+01	1.401E+01	3.002E+00	2.252E+01	1.719E+01	1.249E+00
1.880E+04	2.412E+01	1.194E+03	6.854E+01	1.410E+01	3.013E+00	2.259E+01	1.729E+01	1.247E+00
1.900E+04	2.378E+01	1.210E+03	6.878E+01	1.419E+01	3.025E+00	2.269E+01	1.740E+01	1.245E+00
1.920E+04	2.344E+01	1.227E+03	6.902E+01	1.428E+01	3.036E+00	2.281E+01	1.753E+01	1.244E+00
1.940E+04	2.312E+01	1.244E+03	6.926E+01	1.437E+01	3.047E+00	2.296E+01	1.768E+01	1.242E+00
1.960E+04	2.280E+01	1.260E+03	6.949E+01	1.446E+01	3.057E+00	2.312E+01	1.784E+01	1.240E+00
1.980E+04	2.249E+01	1.277E+03	6.973E+01	1.454E+01	3.068E+00	2.330E+01	1.800E+01	1.238E+00
2.000E+04	2.219E+01	1.294E+03	6.996E+01	1.463E+01	3.079E+00	2.349E+01	1.818E+01	1.236E+00
2.020E+04	2.190E+01	1.312E+03	7.020E+01	1.472E+01	3.089E+00	2.369E+01	1.837E+01	1.234E+00
2.040E+04	2.161E+01	1.329E+03	7.043E+01	1.481E+01	3.100E+00	2.391E+01	1.856E+01	1.233E+00
2.060E+04	2.133E+01	1.347E+03	7.067E+01	1.490E+01	3.110E+00	2.414E+01	1.876E+01	1.231E+00
2.080E+04	2.105E+01	1.365E+03	7.090E+01	1.498E+01	3.120E+00	2.437E+01	1.896E+01	1.230E+00
2.100E+04	2.078E+01	1.382E+03	7.113E+01	1.507E+01	3.131E+00	2.461E+01	1.916E+01	1.228E+00
2.120E+04	2.052E+01	1.401E+03	7.137E+01	1.516E+01	3.141E+00	2.486E+01	1.937E+01	1.227E+00
2.140E+04	2.026E+01	1.419E+03	7.160E+01	1.525E+01	3.151E+00	2.511E+01	1.958E+01	1.226E+00
2.160E+04	2.001E+01	1.437E+03	7.184E+01	1.534E+01	3.162E+00	2.537E+01	1.979E+01	1.224E+00
2.180E+04	1.976E+01	1.456E+03	7.207E+01	1.543E+01	3.172E+00	2.563E+01	2.000E+01	1.223E+00
2.200E+04	1.951E+01	1.475E+03	7.231E+01	1.552E+01	3.183E+00	2.589E+01	2.021E+01	1.222E+00
2.220E+04	1.927E+01	1.494E+03	7.254E+01	1.561E+01	3.194E+00	2.615E+01	2.041E+01	1.221E+00
2.240E+04	1.904E+01	1.513E+03	7.278E+01	1.570E+01	3.204E+00	2.642E+01	2.062E+01	1.221E+00
2.260E+04	1.880E+01	1.533E+03	7.302E+01	1.579E+01	3.215E+00	2.668E+01	2.082E+01	1.220E+00
2.280E+04	1.857E+01	1.552E+03	7.325E+01	1.588E+01	3.226E+00	2.694E+01	2.102E+01	1.219E+00
2.300E+04	1.835E+01	1.572E+03	7.349E+01	1.598E+01	3.237E+00	2.721E+01	2.122E+01	1.219E+00
2.320E+04	1.813E+01	1.592E+03	7.372E+01	1.607E+01	3.248E+00	2.747E+01	2.141E+01	1.218E+00
2.340E+04	1.791E+01	1.612E+03	7.396E+01	1.616E+01	3.260E+00	2.773E+01	2.161E+01	1.218E+00
2.360E+04	1.770E+01	1.633E+03	7.420E+01	1.626E+01	3.271E+00	2.798E+01	2.177E+01	1.217E+00
2.380E+04	1.749E+01	1.653E+03	7.444E+01	1.635E+01	3.283E+00	2.824E+01	2.197E+01	1.217E+00
2.400E+04	1.728E+01	1.674E+03	7.467E+01	1.645E+01	3.294E+00	2.849E+01	2.215E+01	1.217E+00
2.420E+04	1.708E+01	1.695E+03	7.491E+01	1.655E+01	3.306E+00	2.874E+01	2.233E+01	1.217E+00
2.440E+04	1.688E+01	1.716E+03	7.515E+01	1.665E+01	3.318E+00	2.899E+01	2.249E+01	1.217E+00
2.460E+04	1.668E+01	1.737E+03	7.539E+01	1.674E+01	3.330E+00	2.923E+01	2.266E+01	1.217E+00
2.480E+04	1.649E+01	1.759E+03	7.562E+01	1.684E+01	3.342E+00	2.946E+01	2.281E+01	1.217E+00
2.500E+04	1.629E+01	1.780E+03	7.586E+01	1.694E+01	3.354E+00	2.970E+01	2.297E+01	1.217E+00

Table 1. - Continued.

P/P0 = 6.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
2.000E+02	8.198E+03	-1.705E+02	1.534E+01	8.102E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	5.465E+03	-1.690E+02	1.703E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	4.099E+03	-1.672E+02	1.839E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.279E+03	-1.653E+02	1.954E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	2.733E+03	-1.633E+02	2.055E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.342E+03	-1.612E+02	2.144E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.050E+03	-1.590E+02	2.225E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	1.822E+03	-1.567E+02	2.299E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.640E+03	-1.543E+02	2.367E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.491E+03	-1.519E+02	2.430E+01	1.909E+00	1.000E+00	6.636E+00	5.636E+00	1.177E+00
1.200E+03	1.366E+03	-1.494E+02	2.488E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.261E+03	-1.470E+02	2.542E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	1.171E+03	-1.444E+02	2.593E+01	2.146E+00	1.000E+00	6.910E+00	5.910E+00	1.169E+00
1.500E+03	1.093E+03	-1.419E+02	2.641E+01	2.219E+00	1.000E+00	6.978E+00	5.978E+00	1.167E+00
1.600E+03	1.025E+03	-1.393E+02	2.686E+01	2.291E+00	1.000E+00	7.041E+00	6.041E+00	1.166E+00
1.700E+03	9.644E+02	-1.367E+02	2.729E+01	2.359E+00	1.000E+00	7.104E+00	6.102E+00	1.164E+00
1.800E+03	9.108E+02	-1.341E+02	2.770E+01	2.426E+00	1.000E+00	7.170E+00	6.167E+00	1.163E+00
1.900E+03	8.628E+02	-1.315E+02	2.809E+01	2.491E+00	1.000E+00	7.246E+00	6.240E+00	1.161E+00
2.000E+03	8.195E+02	-1.288E+02	2.846E+01	2.555E+00	1.000E+00	7.336E+00	6.326E+00	1.159E+00
2.100E+03	7.802E+02	-1.261E+02	2.882E+01	2.616E+00	1.001E+00	7.447E+00	6.431E+00	1.158E+00
2.200E+03	7.444E+02	-1.234E+02	2.917E+01	2.676E+00	1.001E+00	7.583E+00	6.559E+00	1.156E+00
2.300E+03	7.116E+02	-1.206E+02	2.951E+01	2.734E+00	1.002E+00	7.750E+00	6.714E+00	1.154E+00
2.400E+03	6.814E+02	-1.177E+02	2.985E+01	2.792E+00	1.003E+00	7.951E+00	6.899E+00	1.151E+00
2.500E+03	6.533E+02	-1.147E+02	3.018E+01	2.848E+00	1.004E+00	8.190E+00	7.118E+00	1.149E+00
2.600E+03	6.272E+02	-1.117E+02	3.050E+01	2.904E+00	1.005E+00	8.468E+00	7.371E+00	1.147E+00
2.700E+03	6.028E+02	-1.085E+02	3.083E+01	2.959E+00	1.007E+00	8.788E+00	7.659E+00	1.145E+00
2.800E+03	5.798E+02	-1.052E+02	3.115E+01	3.015E+00	1.010E+00	9.149E+00	7.982E+00	1.143E+00
2.900E+03	5.581E+02	-1.018E+02	3.148E+01	3.070E+00	1.013E+00	9.550E+00	8.337E+00	1.141E+00
3.000E+03	5.376E+02	-9.825E+01	3.181E+01	3.126E+00	1.017E+00	9.987E+00	8.722E+00	1.139E+00
3.100E+03	5.180E+02	-9.451E+01	3.215E+01	3.183E+00	1.021E+00	1.046E+01	9.132E+00	1.138E+00
3.200E+03	4.993E+02	-9.059E+01	3.249E+01	3.240E+00	1.026E+00	1.096E+01	9.563E+00	1.137E+00
3.300E+03	4.814E+02	-8.648E+01	3.283E+01	3.299E+00	1.032E+00	1.149E+01	9.961E+00	1.136E+00
3.400E+03	4.642E+02	-8.218E+01	3.318E+01	3.359E+00	1.039E+00	1.203E+01	1.047E+01	1.136E+00
3.500E+03	4.477E+02	-7.767E+01	3.354E+01	3.420E+00	1.046E+00	1.259E+01	1.093E+01	1.135E+00
3.600E+03	4.318E+02	-7.296E+01	3.390E+01	3.483E+00	1.055E+00	1.315E+01	1.138E+01	1.136E+00
3.700E+03	4.164E+02	-6.804E+01	3.427E+01	3.548E+00	1.064E+00	1.370E+01	1.183E+01	1.136E+00
3.800E+03	4.016E+02	-6.293E+01	3.464E+01	3.614E+00	1.074E+00	1.425E+01	1.226E+01	1.137E+00
3.900E+03	3.873E+02	-5.761E+01	3.502E+01	3.682E+00	1.085E+00	1.479E+01	1.268E+01	1.138E+00
4.000E+03	3.736E+02	-5.210E+01	3.540E+01	3.751E+00	1.097E+00	1.530E+01	1.306E+01	1.140E+00
4.100E+03	3.603E+02	-4.641E+01	3.579E+01	3.822E+00	1.110E+00	1.578E+01	1.342E+01	1.141E+00
4.200E+03	3.475E+02	-4.055E+01	3.617E+01	3.895E+00	1.123E+00	1.623E+01	1.374E+01	1.143E+00
4.300E+03	3.352E+02	-3.453E+01	3.656E+01	3.969E+00	1.137E+00	1.665E+01	1.402E+01	1.145E+00
4.400E+03	3.234E+02	-2.836E+01	3.695E+01	4.045E+00	1.152E+00	1.702E+01	1.427E+01	1.148E+00
4.500E+03	3.121E+02	-2.207E+01	3.733E+01	4.122E+00	1.167E+00	1.735E+01	1.448E+01	1.150E+00
4.600E+03	3.012E+02	-1.566E+01	3.772E+01	4.201E+00	1.183E+00	1.763E+01	1.465E+01	1.152E+00
4.700E+03	2.908E+02	-9.160E+00	3.810E+01	4.280E+00	1.200E+00	1.787E+01	1.479E+01	1.155E+00
4.800E+03	2.809E+02	-2.577E+00	3.848E+01	4.361E+00	1.216E+00	1.807E+01	1.487E+01	1.158E+00
4.900E+03	2.714E+02	4.071E+00	3.885E+01	4.442E+00	1.233E+00	1.823E+01	1.493E+01	1.161E+00
5.000E+03	2.623E+02	1.077E+01	3.922E+01	4.524E+00	1.250E+00	1.835E+01	1.496E+01	1.164E+00
5.100E+03	2.536E+02	1.751E+01	3.959E+01	4.607E+00	1.268E+00	1.843E+01	1.496E+01	1.167E+00
5.200E+03	2.454E+02	2.427E+01	3.994E+01	4.690E+00	1.285E+00	1.848E+01	1.493E+01	1.170E+00
5.300E+03	2.375E+02	3.104E+01	4.030E+01	4.774E+00	1.303E+00	1.851E+01	1.488E+01	1.173E+00
5.400E+03	2.300E+02	3.782E+01	4.064E+01	4.858E+00	1.320E+00	1.850E+01	1.482E+01	1.177E+00
5.500E+03	2.228E+02	4.459E+01	4.098E+01	4.942E+00	1.338E+00	1.848E+01	1.474E+01	1.180E+00
5.600E+03	2.160E+02	5.135E+01	4.131E+01	5.027E+00	1.356E+00	1.844E+01	1.464E+01	1.183E+00
5.700E+03	2.095E+02	5.810E+01	4.164E+01	5.111E+00	1.373E+00	1.838E+01	1.454E+01	1.187E+00
5.800E+03	2.033E+02	6.482E+01	4.196E+01	5.196E+00	1.391E+00	1.831E+01	1.443E+01	1.190E+00
5.900E+03	1.974E+02	7.151E+01	4.227E+01	5.281E+00	1.408E+00	1.823E+01	1.431E+01	1.193E+00
6.000E+03	1.917E+02	7.817E+01	4.258E+01	5.365E+00	1.425E+00	1.815E+01	1.419E+01	1.197E+00
6.100E+03	1.864E+02	8.480E+01	4.288E+01	5.450E+00	1.442E+00	1.805E+01	1.406E+01	1.200E+00
6.200E+03	1.812E+02	9.147E+01	4.317E+01	5.535E+00	1.459E+00	1.795E+01	1.393E+01	1.204E+00
6.300E+03	1.763E+02	9.795E+01	4.346E+01	5.619E+00	1.476E+00	1.784E+01	1.380E+01	1.207E+00
6.400E+03	1.716E+02	1.045E+02	4.374E+01	5.703E+00	1.493E+00	1.773E+01	1.367E+01	1.210E+00
6.500E+03	1.671E+02	1.109E+02	4.401E+01	5.787E+00	1.509E+00	1.762E+01	1.353E+01	1.214E+00
6.600E+03	1.629E+02	1.174E+02	4.428E+01	5.870E+00	1.525E+00	1.750E+01	1.340E+01	1.217E+00
6.700E+03	1.588E+02	1.238E+02	4.454E+01	5.954E+00	1.541E+00	1.737E+01	1.326E+01	1.220E+00
6.800E+03	1.548E+02	1.301E+02	4.480E+01	6.036E+00	1.557E+00	1.724E+01	1.312E+01	1.223E+00
6.900E+03	1.511E+02	1.364E+02	4.505E+01	6.119E+00	1.573E+00	1.711E+01	1.298E+01	1.226E+00
7.000E+03	1.475E+02	1.426E+02	4.530E+01	6.201E+00	1.588E+00	1.697E+01	1.284E+01	1.229E+00
7.100E+03	1.440E+02	1.488E+02	4.554E+01	6.282E+00	1.603E+00	1.683E+01	1.270E+01	1.232E+00
7.200E+03	1.407E+02	1.550E+02	4.577E+01	6.363E+00	1.618E+00	1.668E+01	1.256E+01	1.235E+00
7.300E+03	1.376E+02	1.610E+02	4.600E+01	6.444E+00	1.633E+00	1.652E+01	1.241E+01	1.238E+00
7.400E+03	1.345E+02	1.671E+02	4.622E+01	6.523E+00	1.647E+00	1.637E+01	1.227E+01	1.241E+00
7.500E+03	1.316E+02	1.730E+02	4.644E+01	6.602E+00	1.661E+00	1.621E+01	1.213E+01	1.244E+00
7.600E+03	1.288E+02	1.789E+02	4.666E+01	6.680E+00	1.675E+00	1.604E+01	1.199E+01	1.246E+00
7.700E+03	1.261E+02	1.848E+02	4.686E+01	6.757E+00	1.688E+00	1.588E+01	1.185E+01	1.249E+00
7.800E+03	1.236E+02	1.906E+02	4.707E+01	6.833E+00	1.701E+00	1.572E+01	1.171E+01	1.251E+00
7.900E+03	1.211E+02	1.963E+02	4.727E+01	6.908E+00	1.714E+00	1.556E+01	1.158E+01	1.253E+00
8.000E+03	1.187E+02	2.020E+02	4.746E+01	6.982E+00	1.726E+00	1.540E+01	1.145E+01	1.255E+00
8.200E+03	1.143E+02	2.131E+02	4.784E+01	7.126E+00	1.750E+00	1.510E+01	1.122E+01	1.258E+00
8.400E+03	1.101E+02	2.241E+02	4.820E+01	7.264E+00	1.772E+00	1.484E+01	1.103E+01	1.260E+00

QUALITY OF THE

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Table I. - Continued.

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.600E+03	1.063E+02	2.349E+02	4.855E+01	7.396E+00	1.793E+00	1.464E+01	1.090E+01	1.261E+00
8.800E+03	1.028E+02	2.456E+02	4.888E+01	7.521E+00	1.813E+00	1.451E+01	1.083E+01	1.260E+00
9.000E+03	9.945E+01	2.562E+02	4.921E+01	7.639E+00	1.832E+00	1.448E+01	1.085E+01	1.258E+00
9.200E+03	9.635E+01	2.668E+02	4.953E+01	7.750E+00	1.850E+00	1.456E+01	1.096E+01	1.255E+00
9.400E+03	9.344E+01	2.776E+02	4.984E+01	7.855E+00	1.867E+00	1.477E+01	1.119E+01	1.250E+00
9.600E+03	9.068E+01	2.885E+02	5.016E+01	7.955E+00	1.883E+00	1.514E+01	1.154E+01	1.244E+00
9.800E+03	8.806E+01	2.998E+02	5.048E+01	8.050E+00	1.900E+00	1.568E+01	1.202E+01	1.237E+00
1.000E+04	8.555E+01	3.115E+02	5.080E+01	8.144E+00	1.917E+00	1.639E+01	1.264E+01	1.230E+00
1.020E+04	8.314E+01	3.239E+02	5.113E+01	8.238E+00	1.933E+00	1.727E+01	1.339E+01	1.223E+00
1.040E+04	8.081E+01	3.369E+02	5.148E+01	8.333E+00	1.951E+00	1.834E+01	1.428E+01	1.217E+00
1.060E+04	7.853E+01	3.508E+02	5.184E+01	8.432E+00	1.970E+00	1.956E+01	1.528E+01	1.211E+00
1.080E+04	7.631E+01	3.656E+02	5.222E+01	8.535E+00	1.989E+00	2.093E+01	1.638E+01	1.205E+00
1.100E+04	7.413E+01	3.815E+02	5.262E+01	8.645E+00	2.011E+00	2.240E+01	1.754E+01	1.201E+00
1.120E+04	7.199E+01	3.984E+02	5.303E+01	8.761E+00	2.034E+00	2.395E+01	1.873E+01	1.198E+00
1.140E+04	6.988E+01	4.166E+02	5.347E+01	8.883E+00	2.058E+00	2.551E+01	1.992E+01	1.196E+00
1.160E+04	6.781E+01	4.358E+02	5.393E+01	9.013E+00	2.085E+00	2.706E+01	2.106E+01	1.194E+00
1.180E+04	6.577E+01	4.562E+02	5.441E+01	9.149E+00	2.113E+00	2.854E+01	2.212E+01	1.194E+00
1.200E+04	6.377E+01	4.776E+02	5.490E+01	9.292E+00	2.143E+00	2.990E+01	2.308E+01	1.194E+00
1.220E+04	6.182E+01	5.000E+02	5.540E+01	9.441E+00	2.174E+00	3.112E+01	2.390E+01	1.195E+00
1.240E+04	5.992E+01	5.232E+02	5.592E+01	9.596E+00	2.207E+00	3.215E+01	2.457E+01	1.196E+00
1.260E+04	5.803E+01	5.470E+02	5.646E+01	9.755E+00	2.241E+00	3.298E+01	2.508E+01	1.198E+00
1.280E+04	5.617E+01	5.714E+02	5.696E+01	9.917E+00	2.275E+00	3.360E+01	2.543E+01	1.201E+00
1.300E+04	5.433E+01	5.962E+02	5.749E+01	1.008E+01	2.311E+00	3.401E+01	2.562E+01	1.203E+00
1.320E+04	5.259E+01	6.212E+02	5.801E+01	1.025E+01	2.346E+00	3.420E+01	2.566E+01	1.206E+00
1.340E+04	5.094E+01	6.463E+02	5.852E+01	1.042E+01	2.382E+00	3.470E+01	2.556E+01	1.210E+00
1.360E+04	4.937E+01	6.713E+02	5.903E+01	1.059E+01	2.417E+00	3.490E+01	2.534E+01	1.213E+00
1.380E+04	4.785E+01	6.961E+02	5.952E+01	1.076E+01	2.452E+00	3.367E+01	2.501E+01	1.217E+00
1.400E+04	4.710E+01	7.206E+02	6.001E+01	1.093E+01	2.487E+00	3.319E+01	2.460E+01	1.221E+00
1.420E+04	4.582E+01	7.447E+02	6.047E+01	1.110E+01	2.520E+00	3.261E+01	2.412E+01	1.225E+00
1.440E+04	4.461E+01	7.683E+02	6.092E+01	1.127E+01	2.552E+00	3.194E+01	2.359E+01	1.229E+00
1.460E+04	4.347E+01	7.914E+02	6.136E+01	1.144E+01	2.584E+00	3.121E+01	2.303E+01	1.237E+00
1.480E+04	4.239E+01	8.140E+02	6.178E+01	1.160E+01	2.614E+00	3.045E+01	2.245E+01	1.236E+00
1.500E+04	4.137E+01	8.360E+02	6.218E+01	1.176E+01	2.642E+00	2.967E+01	2.187E+01	1.239E+00
1.520E+04	4.040E+01	8.574E+02	6.257E+01	1.191E+01	2.670E+00	2.890E+01	2.130E+01	1.243E+00
1.540E+04	3.949E+01	8.783E+02	6.294E+01	1.206E+01	2.696E+00	2.815E+01	2.076E+01	1.246E+00
1.560E+04	3.863E+01	8.987E+02	6.330E+01	1.221E+01	2.721E+00	2.743E+01	2.024E+01	1.248E+00
1.580E+04	3.782E+01	9.185E+02	6.365E+01	1.235E+01	2.744E+00	2.675E+01	1.976E+01	1.251E+00
1.600E+04	3.704E+01	9.379E+02	6.398E+01	1.249E+01	2.766E+00	2.612E+01	1.931E+01	1.253E+00
1.620E+04	3.631E+01	9.568E+02	6.430E+01	1.262E+01	2.788E+00	2.554E+01	1.891E+01	1.254E+00
1.640E+04	3.561E+01	9.753E+02	6.461E+01	1.275E+01	2.808E+00	2.501E+01	1.855E+01	1.256E+00
1.660E+04	3.494E+01	9.934E+02	6.491E+01	1.288E+01	2.827E+00	2.454E+01	1.824E+01	1.256E+00
1.680E+04	3.431E+01	1.011E+03	6.520E+01	1.300E+01	2.845E+00	2.413E+01	1.797E+01	1.257E+00
1.700E+04	3.370E+01	1.029E+03	6.549E+01	1.312E+01	2.862E+00	2.378E+01	1.775E+01	1.257E+00
1.720E+04	3.312E+01	1.046E+03	6.576E+01	1.323E+01	2.878E+00	2.347E+01	1.756E+01	1.257E+00
1.740E+04	3.257E+01	1.063E+03	6.603E+01	1.334E+01	2.894E+00	2.322E+01	1.742E+01	1.256E+00
1.760E+04	3.203E+01	1.080E+03	6.630E+01	1.345E+01	2.908E+00	2.302E+01	1.731E+01	1.255E+00
1.780E+04	3.152E+01	1.097E+03	6.656E+01	1.355E+01	2.923E+00	2.286E+01	1.724E+01	1.254E+00
1.800E+04	3.102E+01	1.113E+03	6.681E+01	1.365E+01	2.936E+00	2.275E+01	1.719E+01	1.253E+00
1.820E+04	3.054E+01	1.130E+03	6.706E+01	1.375E+01	2.950E+00	2.267E+01	1.718E+01	1.252E+00
1.840E+04	3.008E+01	1.147E+03	6.731E+01	1.384E+01	2.962E+00	2.263E+01	1.720E+01	1.250E+00
1.860E+04	2.963E+01	1.163E+03	6.755E+01	1.394E+01	2.975E+00	2.263E+01	1.723E+01	1.248E+00
1.880E+04	2.920E+01	1.180E+03	6.779E+01	1.403E+01	2.987E+00	2.265E+01	1.729E+01	1.247E+00
1.900E+04	2.878E+01	1.196E+03	6.803E+01	1.412E+01	2.999E+00	2.270E+01	1.737E+01	1.245E+00
1.920E+04	2.837E+01	1.213E+03	6.827E+01	1.421E+01	3.010E+00	2.278E+01	1.747E+01	1.243E+00
1.940E+04	2.798E+01	1.230E+03	6.851E+01	1.430E+01	3.021E+00	2.288E+01	1.759E+01	1.241E+00
1.960E+04	2.759E+01	1.247E+03	6.874E+01	1.439E+01	3.032E+00	2.300E+01	1.771E+01	1.239E+00
1.980E+04	2.722E+01	1.263E+03	6.898E+01	1.448E+01	3.042E+00	2.313E+01	1.785E+01	1.238E+00
2.000E+04	2.685E+01	1.280E+03	6.921E+01	1.457E+01	3.053E+00	2.329E+01	1.800E+01	1.236E+00
2.020E+04	2.650E+01	1.298E+03	6.944E+01	1.466E+01	3.063E+00	2.345E+01	1.816E+01	1.234E+00
2.040E+04	2.615E+01	1.315E+03	6.968E+01	1.474E+01	3.074E+00	2.363E+01	1.833E+01	1.232E+00
2.060E+04	2.581E+01	1.332E+03	6.991E+01	1.483E+01	3.084E+00	2.382E+01	1.850E+01	1.231E+00
2.080E+04	2.547E+01	1.350E+03	7.014E+01	1.492E+01	3.094E+00	2.402E+01	1.868E+01	1.229E+00
2.100E+04	2.515E+01	1.367E+03	7.037E+01	1.501E+01	3.105E+00	2.423E+01	1.886E+01	1.228E+00
2.120E+04	2.483E+01	1.385E+03	7.060E+01	1.509E+01	3.115E+00	2.444E+01	1.904E+01	1.226E+00
2.140E+04	2.452E+01	1.403E+03	7.083E+01	1.518E+01	3.125E+00	2.466E+01	1.923E+01	1.225E+00
2.160E+04	2.421E+01	1.421E+03	7.106E+01	1.527E+01	3.135E+00	2.489E+01	1.942E+01	1.224E+00
2.180E+04	2.391E+01	1.439E+03	7.129E+01	1.536E+01	3.145E+00	2.512E+01	1.961E+01	1.223E+00
2.200E+04	2.362E+01	1.458E+03	7.152E+01	1.545E+01	3.155E+00	2.535E+01	1.980E+01	1.222E+00
2.220E+04	2.333E+01	1.477E+03	7.175E+01	1.554E+01	3.166E+00	2.558E+01	1.999E+01	1.221E+00
2.240E+04	2.305E+01	1.495E+03	7.198E+01	1.563E+01	3.176E+00	2.582E+01	2.018E+01	1.220E+00
2.260E+04	2.277E+01	1.514E+03	7.221E+01	1.572E+01	3.186E+00	2.606E+01	2.037E+01	1.219E+00
2.280E+04	2.250E+01	1.534E+03	7.244E+01	1.581E+01	3.197E+00	2.629E+01	2.055E+01	1.219E+00
2.300E+04	2.223E+01	1.554E+03	7.267E+01	1.590E+01	3.207E+00	2.653E+01	2.073E+01	1.218E+00
2.320E+04	2.196E+01	1.572E+03	7.290E+01	1.599E+01	3.218E+00	2.677E+01	2.091E+01	1.217E+00
2.340E+04	2.170E+01	1.592E+03	7.314E+01	1.608E+01	3.228E+00	2.700E+01	2.109E+01	1.217E+00
2.360E+04	2.145E+01	1.612E+03	7.337E+01	1.617E+01	3.239E+00	2.724E+01	2.126E+01	1.216E+00
2.380E+04	2.120E+01	1.632E+03	7.360E+01	1.627E+01	3.250E+00	2.747E+01	2.143E+01	1.216E+00
2.400E+04	2.095E+01	1.652E+03	7.383E+01	1.636E+01	3.261E+00	2.770E+01	2.160E+01	1.216E+00
2.420E+04	2.071E+01	1.672E+03	7.406E+01	1.646E+01	3.272E+00	2.793E+01	2.176E+01	1.216E+00
2.440E+04	2.047E+01	1.693E+03	7.429E+01	1.655E+01	3.283E+00	2.815E+01	2.192E+01	1.216E+00
2.460E+04	2.023E+01	1.714E+03	7.452E+01	1.665E+01	3.294E+00	2.837E+01	2.207E+01	1.216E+00
2.480E+04	2.000E+01	1.735E+03	7.475E+01	1.674E+01	3.306E+00	2.859E+01	2.222E+01	1.216E+00
2.500E+04	1.977E+01	1.756E+03	7.498E+01	1.684E+01	3.317E+00	2.881E+01	2.236E+01	1.216E+00

Table I. - Continued.

P/PO = 7.00E+03

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
2.000E+02	9.564E+03	-1.705E+02	1.518E+01	8.702E-01	1.000E+00	3.891E+00	2.891E+00	1.346E+00
3.000E+02	6.376E+03	-1.690E+02	1.687E+01	1.012E+00	1.000E+00	4.475E+00	2.888E+00	1.288E+00
4.000E+02	4.782E+03	-1.672E+02	1.823E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	3.826E+03	-1.653E+02	1.938E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.188E+03	-1.633E+02	2.039E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	2.733E+03	-1.612E+02	2.129E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.391E+03	-1.590E+02	2.210E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.125E+03	-1.567E+02	2.284E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	1.913E+03	-1.543E+02	2.351E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.739E+03	-1.519E+02	2.414E+01	1.909E+00	1.000E+00	6.636E+00	5.636E+00	1.177E+00
1.200E+03	1.594E+03	-1.494E+02	2.472E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.471E+03	-1.470E+02	2.527E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	1.366E+03	-1.444E+02	2.578E+01	2.146E+00	1.000E+00	6.913E+00	5.913E+00	1.169E+00
1.500E+03	1.275E+03	-1.419E+02	2.626E+01	2.219E+00	1.000E+00	6.978E+00	5.978E+00	1.167E+00
1.600E+03	1.196E+03	-1.393E+02	2.671E+01	2.291E+00	1.001E+00	7.041E+00	6.041E+00	1.166E+00
1.700E+03	1.125E+03	-1.367E+02	2.714E+01	2.360E+00	1.000E+00	7.102E+00	6.102E+00	1.164E+00
1.800E+03	1.063E+03	-1.341E+02	2.754E+01	2.426E+00	1.000E+00	7.167E+00	6.167E+00	1.163E+00
1.900E+03	1.007E+03	-1.315E+02	2.793E+01	2.491E+00	1.000E+00	7.241E+00	6.241E+00	1.161E+00
2.000E+03	9.561E+02	-1.288E+02	2.831E+01	2.555E+00	1.000E+00	7.328E+00	6.319E+00	1.160E+00
2.100E+03	9.103E+02	-1.261E+02	2.867E+01	2.616E+00	1.001E+00	7.435E+00	6.420E+00	1.158E+00
2.200E+03	8.685E+02	-1.234E+02	2.902E+01	2.676E+00	1.001E+00	7.565E+00	6.542E+00	1.156E+00
2.300E+03	8.303E+02	-1.205E+02	2.934E+01	2.735E+00	1.002E+00	7.725E+00	6.691E+00	1.154E+00
2.400E+03	7.950E+02	-1.177E+02	2.969E+01	2.792E+00	1.003E+00	7.917E+00	6.868E+00	1.152E+00
2.500E+03	7.624E+02	-1.148E+02	3.002E+01	2.848E+00	1.004E+00	8.145E+00	7.076E+00	1.150E+00
2.600E+03	7.320E+02	-1.118E+02	3.034E+01	2.904E+00	1.005E+00	8.410E+00	7.318E+00	1.147E+00
2.700E+03	7.035E+02	-1.086E+02	3.066E+01	2.960E+00	1.007E+00	8.715E+00	7.593E+00	1.145E+00
2.800E+03	6.768E+02	-1.054E+02	3.099E+01	3.015E+00	1.009E+00	9.059E+00	7.900E+00	1.143E+00
2.900E+03	6.516E+02	-1.020E+02	3.131E+01	3.070E+00	1.012E+00	9.441E+00	8.239E+00	1.141E+00
3.000E+03	6.277E+02	-9.845E+01	3.164E+01	3.126E+00	1.016E+00	9.858E+00	8.606E+00	1.140E+00
3.100E+03	6.050E+02	-9.476E+01	3.197E+01	3.182E+00	1.020E+00	1.031E+01	8.997E+00	1.138E+00
3.200E+03	5.833E+02	-9.090E+01	3.230E+01	3.239E+00	1.025E+00	1.079E+01	9.409E+00	1.137E+00
3.300E+03	5.625E+02	-8.686E+01	3.264E+01	3.297E+00	1.031E+00	1.129E+01	9.837E+00	1.137E+00
3.400E+03	5.426E+02	-8.263E+01	3.299E+01	3.357E+00	1.037E+00	1.181E+01	1.027E+01	1.136E+00
3.500E+03	5.234E+02	-7.821E+01	3.334E+01	3.417E+00	1.044E+00	1.234E+01	1.072E+01	1.136E+00
3.600E+03	5.050E+02	-7.359E+01	3.369E+01	3.480E+00	1.052E+00	1.288E+01	1.116E+01	1.136E+00
3.700E+03	4.872E+02	-6.878E+01	3.405E+01	3.543E+00	1.061E+00	1.342E+01	1.159E+01	1.137E+00
3.800E+03	4.701E+02	-6.377E+01	3.442E+01	3.608E+00	1.071E+00	1.395E+01	1.201E+01	1.138E+00
3.900E+03	4.536E+02	-5.857E+01	3.479E+01	3.675E+00	1.081E+00	1.446E+01	1.241E+01	1.139E+00
4.000E+03	4.377E+02	-5.318E+01	3.516E+01	3.744E+00	1.093E+00	1.496E+01	1.278E+01	1.140E+00
4.100E+03	4.223E+02	-4.762E+01	3.553E+01	3.814E+00	1.105E+00	1.543E+01	1.313E+01	1.142E+00
4.200E+03	4.075E+02	-4.185E+01	3.591E+01	3.885E+00	1.118E+00	1.587E+01	1.345E+01	1.143E+00
4.300E+03	3.933E+02	-3.600E+01	3.629E+01	3.959E+00	1.131E+00	1.628E+01	1.373E+01	1.145E+00
4.400E+03	3.796E+02	-2.997E+01	3.667E+01	4.033E+00	1.145E+00	1.665E+01	1.398E+01	1.147E+00
4.500E+03	3.664E+02	-2.381E+01	3.705E+01	4.109E+00	1.160E+00	1.698E+01	1.419E+01	1.150E+00
4.600E+03	3.538E+02	-1.754E+01	3.742E+01	4.186E+00	1.175E+00	1.726E+01	1.436E+01	1.152E+00
4.700E+03	3.417E+02	-1.117E+01	3.780E+01	4.264E+00	1.191E+00	1.751E+01	1.450E+01	1.155E+00
4.800E+03	3.302E+02	-4.723E+00	3.817E+01	4.343E+00	1.207E+00	1.772E+01	1.460E+01	1.158E+00
4.900E+03	3.191E+02	1.796E+00	3.854E+01	4.423E+00	1.223E+00	1.788E+01	1.467E+01	1.160E+00
5.000E+03	3.085E+02	8.370E+00	3.890E+01	4.504E+00	1.240E+00	1.801E+01	1.471E+01	1.163E+00
5.100E+03	2.984E+02	1.498E+01	3.926E+01	4.586E+00	1.257E+00	1.811E+01	1.472E+01	1.166E+00
5.200E+03	2.888E+02	2.163E+01	3.961E+01	4.668E+00	1.274E+00	1.817E+01	1.470E+01	1.169E+00
5.300E+03	2.796E+02	2.829E+01	3.995E+01	4.750E+00	1.291E+00	1.820E+01	1.467E+01	1.173E+00
5.400E+03	2.708E+02	3.496E+01	4.030E+01	4.833E+00	1.308E+00	1.821E+01	1.461E+01	1.176E+00
5.500E+03	2.625E+02	4.162E+01	4.063E+01	4.916E+00	1.325E+00	1.820E+01	1.454E+01	1.179E+00
5.600E+03	2.545E+02	4.828E+01	4.096E+01	5.000E+00	1.342E+00	1.816E+01	1.445E+01	1.182E+00
5.700E+03	2.469E+02	5.493E+01	4.128E+01	5.083E+00	1.359E+00	1.812E+01	1.436E+01	1.186E+00
5.800E+03	2.396E+02	6.155E+01	4.159E+01	5.167E+00	1.376E+00	1.805E+01	1.425E+01	1.189E+00
5.900E+03	2.327E+02	6.815E+01	4.190E+01	5.251E+00	1.393E+00	1.798E+01	1.414E+01	1.192E+00
6.000E+03	2.261E+02	7.472E+01	4.220E+01	5.334E+00	1.410E+00	1.790E+01	1.402E+01	1.195E+00
6.100E+03	2.198E+02	8.126E+01	4.250E+01	5.418E+00	1.427E+00	1.782E+01	1.390E+01	1.197E+00
6.200E+03	2.137E+02	8.777E+01	4.279E+01	5.501E+00	1.444E+00	1.772E+01	1.378E+01	1.199E+00
6.300E+03	2.080E+02	9.425E+01	4.307E+01	5.585E+00	1.460E+00	1.762E+01	1.366E+01	1.201E+00
6.400E+03	2.025E+02	1.007E+02	4.335E+01	5.668E+00	1.476E+00	1.752E+01	1.353E+01	1.203E+00
6.500E+03	1.972E+02	1.071E+02	4.362E+01	5.751E+00	1.492E+00	1.741E+01	1.340E+01	1.212E+00
6.600E+03	1.922E+02	1.134E+02	4.388E+01	5.833E+00	1.508E+00	1.730E+01	1.327E+01	1.215E+00
6.700E+03	1.873E+02	1.198E+02	4.414E+01	5.916E+00	1.524E+00	1.719E+01	1.315E+01	1.218E+00
6.800E+03	1.827E+02	1.260E+02	4.440E+01	5.998E+00	1.540E+00	1.707E+01	1.302E+01	1.221E+00
6.900E+03	1.783E+02	1.323E+02	4.465E+01	6.079E+00	1.555E+00	1.695E+01	1.289E+01	1.225E+00
7.000E+03	1.741E+02	1.385E+02	4.489E+01	6.161E+00	1.570E+00	1.682E+01	1.275E+01	1.228E+00
7.100E+03	1.700E+02	1.446E+02	4.513E+01	6.241E+00	1.585E+00	1.669E+01	1.262E+01	1.231E+00
7.200E+03	1.661E+02	1.507E+02	4.536E+01	6.321E+00	1.600E+00	1.656E+01	1.249E+01	1.233E+00
7.300E+03	1.624E+02	1.567E+02	4.559E+01	6.401E+00	1.614E+00	1.642E+01	1.236E+01	1.236E+00
7.400E+03	1.588E+02	1.627E+02	4.581E+01	6.480E+00	1.628E+00	1.628E+01	1.223E+01	1.239E+00
7.500E+03	1.553E+02	1.687E+02	4.603E+01	6.558E+00	1.642E+00	1.614E+01	1.210E+01	1.242E+00
7.600E+03	1.520E+02	1.745E+02	4.624E+01	6.636E+00	1.656E+00	1.600E+01	1.197E+01	1.244E+00
7.700E+03	1.489E+02	1.804E+02	4.645E+01	6.713E+00	1.669E+00	1.585E+01	1.184E+01	1.247E+00
7.800E+03	1.458E+02	1.862E+02	4.665E+01	6.789E+00	1.682E+00	1.570E+01	1.171E+01	1.249E+00
7.900E+03	1.429E+02	1.919E+02	4.685E+01	6.864E+00	1.695E+00	1.556E+01	1.159E+01	1.251E+00
8.000E+03	1.401E+02	1.976E+02	4.705E+01	6.937E+00	1.707E+00	1.542E+01	1.147E+01	1.253E+00
8.200E+03	1.348E+02	2.088E+02	4.742E+01	7.082E+00	1.731E+00	1.514E+01	1.126E+01	1.256E+00
8.400E+03	1.299E+02	2.198E+02	4.779E+01	7.221E+00	1.754E+00	1.490E+01	1.107E+01	1.258E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.600E+03	1.253E+02	2.306E+02	4.814E+01	7.354E+00	1.775E+00	1.470E+01	1.094E+01	1.259E+00
8.800E+03	1.211E+02	2.413E+02	4.947E+01	7.481E+00	1.795E+00	1.456E+01	1.086E+01	1.259E+00
9.000E+03	1.171E+02	2.520E+02	4.880E+01	7.602E+00	1.814E+00	1.451E+01	1.085E+01	1.258E+00
9.200E+03	1.135E+02	2.626E+02	4.912E+01	7.716E+00	1.833E+00	1.455E+01	1.092E+01	1.255E+00
9.400E+03	1.100E+02	2.733E+02	4.943E+01	7.823E+00	1.850E+00	1.470E+01	1.110E+01	1.251E+00
9.600E+03	1.067E+02	2.842E+02	4.975E+01	7.926E+00	1.867E+00	1.499E+01	1.138E+01	1.246E+00
9.800E+03	1.036E+02	2.953E+02	5.006E+01	8.024E+00	1.884E+00	1.543E+01	1.178E+01	1.240E+00
1.000E+04	1.007E+02	3.068E+02	5.038E+01	8.119E+00	1.900E+00	1.602E+01	1.230E+01	1.233E+00
1.020E+04	9.782E+01	3.188E+02	5.070E+01	8.213E+00	1.917E+00	1.678E+01	1.296E+01	1.226E+00
1.040E+04	9.509E+01	3.315E+02	5.104E+01	8.307E+00	1.934E+00	1.770E+01	1.373E+01	1.220E+00
1.060E+04	9.244E+01	3.448E+02	5.138E+01	8.404E+00	1.952E+00	1.878E+01	1.463E+01	1.213E+00
1.080E+04	8.986E+01	3.590E+02	5.175E+01	8.505E+00	1.971E+00	1.999E+01	1.562E+01	1.208E+00
1.100E+04	8.733E+01	3.742E+02	5.213E+01	8.611E+00	1.991E+00	2.133E+01	1.668E+01	1.203E+00
1.120E+04	8.485E+01	3.903E+02	5.252E+01	8.722E+00	2.013E+00	2.275E+01	1.779E+01	1.200E+00
1.140E+04	8.242E+01	4.075E+02	5.294E+01	8.840E+00	2.036E+00	2.422E+01	1.892E+01	1.197E+00
1.160E+04	8.003E+01	4.258E+02	5.337E+01	8.964E+00	2.061E+00	2.569E+01	2.002E+01	1.195E+00
1.180E+04	7.768E+01	4.452E+02	5.383E+01	9.095E+00	2.087E+00	2.713E+01	2.107E+01	1.194E+00
1.200E+04	7.537E+01	4.655E+02	5.429E+01	9.232E+00	2.115E+00	2.849E+01	2.204E+01	1.194E+00
1.220E+04	7.312E+01	4.869E+02	5.478E+01	9.375E+00	2.144E+00	2.973E+01	2.290E+01	1.194E+00
1.240E+04	7.091E+01	5.091E+02	5.527E+01	9.523E+00	2.175E+00	3.083E+01	2.363E+01	1.195E+00
1.260E+04	6.877E+01	5.320E+02	5.577E+01	9.677E+00	2.208E+00	3.176E+01	2.423E+01	1.197E+00
1.280E+04	6.670E+01	5.556E+02	5.628E+01	9.834E+00	2.241E+00	3.250E+01	2.467E+01	1.199E+00
1.300E+04	6.469E+01	5.796E+02	5.678E+01	9.995E+00	2.275E+00	3.304E+01	2.497E+01	1.201E+00
1.320E+04	6.276E+01	6.039E+02	5.729E+01	1.016E+01	2.309E+00	3.339E+01	2.513E+01	1.204E+00
1.340E+04	6.091E+01	6.284E+02	5.780E+01	1.033E+01	2.344E+00	3.355E+01	2.514E+01	1.207E+00
1.360E+04	5.915E+01	6.530E+02	5.829E+01	1.049E+01	2.378E+00	3.354E+01	2.504E+01	1.210E+00
1.380E+04	5.746E+01	6.775E+02	5.878E+01	1.066E+01	2.412E+00	3.336E+01	2.483E+01	1.214E+00
1.400E+04	5.585E+01	7.019E+02	5.926E+01	1.083E+01	2.446E+00	3.304E+01	2.452E+01	1.217E+00
1.420E+04	5.433E+01	7.259E+02	5.973E+01	1.100E+01	2.480E+00	3.260E+01	2.414E+01	1.221E+00
1.440E+04	5.288E+01	7.496E+02	6.018E+01	1.116E+01	2.512E+00	3.206E+01	2.370E+01	1.225E+00
1.460E+04	5.151E+01	7.729E+02	6.062E+01	1.133E+01	2.544E+00	3.145E+01	2.321E+01	1.228E+00
1.480E+04	5.021E+01	7.956E+02	6.104E+01	1.149E+01	2.574E+00	3.079E+01	2.270E+01	1.232E+00
1.500E+04	4.899E+01	8.179E+02	6.145E+01	1.165E+01	2.603E+00	3.010E+01	2.218E+01	1.235E+00
1.520E+04	4.783E+01	8.397E+02	6.184E+01	1.181E+01	2.631E+00	2.939E+01	2.165E+01	1.239E+00
1.540E+04	4.673E+01	8.610E+02	6.222E+01	1.196E+01	2.658E+00	2.869E+01	2.113E+01	1.242E+00
1.560E+04	4.569E+01	8.817E+02	6.259E+01	1.211E+01	2.684E+00	2.800E+01	2.063E+01	1.245E+00
1.580E+04	4.470E+01	9.020E+02	6.294E+01	1.225E+01	2.708E+00	2.733E+01	2.016E+01	1.247E+00
1.600E+04	4.377E+01	9.218E+02	6.328E+01	1.239E+01	2.732E+00	2.671E+01	1.972E+01	1.249E+00
1.620E+04	4.288E+01	9.411E+02	6.361E+01	1.253E+01	2.754E+00	2.612E+01	1.931E+01	1.251E+00
1.640E+04	4.204E+01	9.600E+02	6.393E+01	1.266E+01	2.775E+00	2.558E+01	1.894E+01	1.252E+00
1.660E+04	4.123E+01	9.786E+02	6.423E+01	1.279E+01	2.795E+00	2.509E+01	1.861E+01	1.253E+00
1.680E+04	4.047E+01	9.968E+02	6.453E+01	1.291E+01	2.814E+00	2.465E+01	1.832E+01	1.254E+00
1.700E+04	3.974E+01	1.015E+03	6.482E+01	1.303E+01	2.832E+00	2.424E+01	1.807E+01	1.254E+00
1.720E+04	3.904E+01	1.032E+03	6.510E+01	1.315E+01	2.849E+00	2.393E+01	1.786E+01	1.254E+00
1.740E+04	3.837E+01	1.050E+03	6.538E+01	1.326E+01	2.865E+00	2.364E+01	1.768E+01	1.254E+00
1.760E+04	3.772E+01	1.067E+03	6.565E+01	1.337E+01	2.881E+00	2.339E+01	1.754E+01	1.254E+00
1.780E+04	3.711E+01	1.084E+03	6.591E+01	1.348E+01	2.896E+00	2.319E+01	1.744E+01	1.253E+00
1.800E+04	3.651E+01	1.101E+03	6.617E+01	1.358E+01	2.910E+00	2.304E+01	1.737E+01	1.252E+00
1.820E+04	3.594E+01	1.118E+03	6.642E+01	1.368E+01	2.924E+00	2.292E+01	1.732E+01	1.250E+00
1.840E+04	3.539E+01	1.134E+03	6.667E+01	1.378E+01	2.937E+00	2.284E+01	1.731E+01	1.249E+00
1.860E+04	3.486E+01	1.151E+03	6.692E+01	1.388E+01	2.950E+00	2.279E+01	1.732E+01	1.247E+00
1.880E+04	3.434E+01	1.168E+03	6.716E+01	1.397E+01	2.963E+00	2.277E+01	1.735E+01	1.246E+00
1.900E+04	3.384E+01	1.184E+03	6.740E+01	1.406E+01	2.975E+00	2.279E+01	1.740E+01	1.244E+00
1.920E+04	3.336E+01	1.201E+03	6.764E+01	1.416E+01	2.986E+00	2.282E+01	1.747E+01	1.242E+00
1.940E+04	3.289E+01	1.218E+03	6.788E+01	1.425E+01	2.998E+00	2.289E+01	1.756E+01	1.241E+00
1.960E+04	3.243E+01	1.235E+03	6.811E+01	1.434E+01	3.009E+00	2.297E+01	1.766E+01	1.239E+00
1.980E+04	3.199E+01	1.252E+03	6.835E+01	1.443E+01	3.020E+00	2.307E+01	1.777E+01	1.237E+00
2.000E+04	3.156E+01	1.268E+03	6.858E+01	1.451E+01	3.031E+00	2.319E+01	1.790E+01	1.235E+00
2.020E+04	3.114E+01	1.285E+03	6.881E+01	1.460E+01	3.041E+00	2.332E+01	1.804E+01	1.234E+00
2.040E+04	3.073E+01	1.303E+03	6.904E+01	1.469E+01	3.052E+00	2.347E+01	1.818E+01	1.232E+00
2.060E+04	3.033E+01	1.320E+03	6.927E+01	1.478E+01	3.062E+00	2.363E+01	1.833E+01	1.230E+00
2.080E+04	2.994E+01	1.337E+03	6.950E+01	1.486E+01	3.072E+00	2.380E+01	1.849E+01	1.229E+00
2.100E+04	2.955E+01	1.355E+03	6.973E+01	1.495E+01	3.082E+00	2.398E+01	1.865E+01	1.228E+00
2.120E+04	2.918E+01	1.372E+03	6.996E+01	1.504E+01	3.092E+00	2.416E+01	1.882E+01	1.226E+00
2.140E+04	2.881E+01	1.390E+03	7.018E+01	1.512E+01	3.102E+00	2.436E+01	1.899E+01	1.225E+00
2.160E+04	2.845E+01	1.408E+03	7.041E+01	1.521E+01	3.112E+00	2.455E+01	1.916E+01	1.224E+00
2.180E+04	2.810E+01	1.426E+03	7.064E+01	1.530E+01	3.122E+00	2.476E+01	1.933E+01	1.222E+00
2.200E+04	2.776E+01	1.444E+03	7.087E+01	1.539E+01	3.132E+00	2.496E+01	1.951E+01	1.221E+00
2.220E+04	2.742E+01	1.462E+03	7.109E+01	1.547E+01	3.142E+00	2.518E+01	1.968E+01	1.220E+00
2.240E+04	2.709E+01	1.481E+03	7.132E+01	1.556E+01	3.152E+00	2.539E+01	1.986E+01	1.219E+00
2.260E+04	2.677E+01	1.500E+03	7.155E+01	1.565E+01	3.162E+00	2.560E+01	2.003E+01	1.219E+00
2.280E+04	2.645E+01	1.518E+03	7.177E+01	1.574E+01	3.172E+00	2.582E+01	2.020E+01	1.218E+00
2.300E+04	2.613E+01	1.537E+03	7.200E+01	1.583E+01	3.182E+00	2.603E+01	2.037E+01	1.217E+00
2.320E+04	2.583E+01	1.557E+03	7.222E+01	1.592E+01	3.193E+00	2.625E+01	2.054E+01	1.217E+00
2.340E+04	2.552E+01	1.576E+03	7.245E+01	1.601E+01	3.203E+00	2.646E+01	2.070E+01	1.216E+00
2.360E+04	2.523E+01	1.595E+03	7.268E+01	1.610E+01	3.213E+00	2.668E+01	2.086E+01	1.216E+00
2.380E+04	2.493E+01	1.615E+03	7.290E+01	1.619E+01	3.223E+00	2.689E+01	2.102E+01	1.215E+00
2.400E+04	2.465E+01	1.635E+03	7.313E+01	1.629E+01	3.234E+00	2.710E+01	2.118E+01	1.215E+00
2.420E+04	2.436E+01	1.655E+03	7.335E+01	1.638E+01	3.244E+00	2.731E+01	2.133E+01	1.215E+00
2.440E+04	2.409E+01	1.675E+03	7.358E+01	1.647E+01	3.255E+00	2.752E+01	2.148E+01	1.215E+00
2.460E+04	2.381E+01	1.695E+03	7.380E+01	1.657E+01	3.266E+00	2.772E+01	2.162E+01	1.215E+00
2.480E+04	2.354E+01	1.715E+03	7.403E+01	1.666E+01	3.276E+00	2.793E+01	2.176E+01	1.215E+00
2.500E+04	2.328E+01	1.736E+03	7.425E+01	1.676E+01	3.287E+00	2.812E+01	2.189E+01	1.215E+00



Table 1. - Continued.

P/PO = 8.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
3.000E+02	7.287E+03	-1.690E+02	1.674E+01	1.042E+00	1.000E+00	4.475E+00	3.75E+00	1.288E+00
4.000E+02	5.465E+03	-1.672E+02	1.810E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.372E+03	-1.653E+02	1.925E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	3.644E+03	-1.633E+02	2.026E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.123E+03	-1.612E+02	2.116E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	2.733E+03	-1.590E+02	2.197E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.429E+03	-1.567E+02	2.270E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.186E+03	-1.543E+02	2.338E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	1.987E+03	-1.519E+02	2.401E+01	1.909E+00	1.000E+00	6.636E+00	5.636E+00	1.177E+00
1.200E+03	1.822E+03	-1.494E+02	2.459E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.682E+03	-1.470E+02	2.513E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	1.562E+03	-1.444E+02	2.564E+01	2.146E+00	1.000E+00	6.910E+00	5.910E+00	1.169E+00
1.500E+03	1.457E+03	-1.419E+02	2.612E+01	2.219E+00	1.000E+00	6.978E+00	5.978E+00	1.167E+00
1.600E+03	1.366E+03	-1.393E+02	2.657E+01	2.291E+00	1.000E+00	7.040E+00	6.039E+00	1.166E+00
1.700E+03	1.286E+03	-1.367E+02	2.700E+01	2.360E+00	1.000E+00	7.101E+00	6.099E+00	1.164E+00
1.800E+03	1.214E+03	-1.341E+02	2.741E+01	2.426E+00	1.000E+00	7.165E+00	6.162E+00	1.163E+00
1.900E+03	1.150E+03	-1.315E+02	2.780E+01	2.492E+00	1.000E+00	7.237E+00	6.232E+00	1.161E+00
2.000E+03	1.093E+03	-1.288E+02	2.817E+01	2.555E+00	1.000E+00	7.322E+00	6.313E+00	1.160E+00
2.100E+03	1.040E+03	-1.261E+02	2.853E+01	2.616E+00	1.001E+00	7.425E+00	6.411E+00	1.158E+00
2.200E+03	9.927E+02	-1.234E+02	2.888E+01	2.676E+00	1.001E+00	7.551E+00	6.529E+00	1.156E+00
2.300E+03	9.490E+02	-1.206E+02	2.922E+01	2.735E+00	1.002E+00	7.704E+00	6.672E+00	1.154E+00
2.400E+03	9.087E+02	-1.177E+02	2.955E+01	2.792E+00	1.002E+00	7.888E+00	6.842E+00	1.152E+00
2.500E+03	8.714E+02	-1.148E+02	2.988E+01	2.849E+00	1.004E+00	8.107E+00	7.042E+00	1.150E+00
2.600E+03	8.367E+02	-1.118E+02	3.020E+01	2.904E+00	1.005E+00	8.362E+00	7.274E+00	1.148E+00
2.700E+03	8.043E+02	-1.087E+02	3.052E+01	2.960E+00	1.007E+00	8.655E+00	7.538E+00	1.146E+00
2.800E+03	7.738E+02	-1.055E+02	3.084E+01	3.015E+00	1.009E+00	8.984E+00	7.833E+00	1.144E+00
2.900E+03	7.451E+02	-1.021E+02	3.116E+01	3.070E+00	1.012E+00	9.350E+00	8.158E+00	1.142E+00
3.000E+03	7.178E+02	-9.862E+01	3.149E+01	3.125E+00	1.015E+00	9.751E+00	8.510E+00	1.140E+00
3.100E+03	6.920E+02	-9.497E+01	3.181E+01	3.181E+00	1.019E+00	1.018E+01	8.886E+00	1.139E+00
3.200E+03	6.673E+02	-9.116E+01	3.214E+01	3.238E+00	1.024E+00	1.064E+01	9.282E+00	1.138E+00
3.300E+03	6.437E+02	-8.717E+01	3.248E+01	3.296E+00	1.029E+00	1.112E+01	9.693E+00	1.137E+00
3.400E+03	6.210E+02	-8.301E+01	3.282E+01	3.355E+00	1.035E+00	1.162E+01	1.011E+01	1.137E+00
3.500E+03	5.993E+02	-7.866E+01	3.316E+01	3.415E+00	1.042E+00	1.214E+01	1.054E+01	1.137E+00
3.600E+03	5.784E+02	-7.412E+01	3.351E+01	3.477E+00	1.050E+00	1.266E+01	1.097E+01	1.137E+00
3.700E+03	5.582E+02	-6.939E+01	3.387E+01	3.540E+00	1.059E+00	1.318E+01	1.138E+01	1.137E+00
3.800E+03	5.388E+02	-6.447E+01	3.422E+01	3.604E+00	1.068E+00	1.369E+01	1.179E+01	1.138E+00
3.900E+03	5.200E+02	-5.937E+01	3.459E+01	3.670E+00	1.078E+00	1.419E+01	1.218E+01	1.139E+00
4.000E+03	5.019E+02	-5.408E+01	3.495E+01	3.738E+00	1.089E+00	1.467E+01	1.255E+01	1.140E+00
4.100E+03	4.845E+02	-4.863E+01	3.532E+01	3.807E+00	1.101E+00	1.513E+01	1.289E+01	1.142E+00
4.200E+03	4.677E+02	-4.300E+01	3.569E+01	3.877E+00	1.113E+00	1.557E+01	1.320E+01	1.143E+00
4.300E+03	4.515E+02	-3.723E+01	3.606E+01	3.949E+00	1.126E+00	1.597E+01	1.348E+01	1.145E+00
4.400E+03	4.360E+02	-3.131E+01	3.643E+01	4.023E+00	1.140E+00	1.633E+01	1.373E+01	1.147E+00
4.500E+03	4.210E+02	-2.527E+01	3.680E+01	4.098E+00	1.154E+00	1.666E+01	1.394E+01	1.150E+00
4.600E+03	4.067E+02	-1.912E+01	3.717E+01	4.174E+00	1.169E+00	1.695E+01	1.412E+01	1.152E+00
4.700E+03	3.929E+02	-1.286E+01	3.754E+01	4.251E+00	1.184E+00	1.720E+01	1.426E+01	1.154E+00
4.800E+03	3.798E+02	-6.523E+00	3.790E+01	4.329E+00	1.199E+00	1.741E+01	1.437E+01	1.157E+00
4.900E+03	3.671E+02	-1.137E+01	3.827E+01	4.408E+00	1.215E+00	1.759E+01	1.445E+01	1.160E+00
5.000E+03	3.551E+02	6.353E+00	3.862E+01	4.438E+00	1.231E+00	1.772E+01	1.449E+01	1.163E+00
5.100E+03	3.435E+02	1.286E+01	3.897E+01	4.568E+00	1.248E+00	1.782E+01	1.451E+01	1.166E+00
5.200E+03	3.325E+02	1.940E+01	3.932E+01	4.649E+00	1.264E+00	1.790E+01	1.450E+01	1.169E+00
5.300E+03	3.220E+02	2.597E+01	3.966E+01	4.731E+00	1.281E+00	1.794E+01	1.448E+01	1.172E+00
5.400E+03	3.120E+02	3.254E+01	4.000E+01	4.812E+00	1.298E+00	1.796E+01	1.443E+01	1.175E+00
5.500E+03	3.024E+02	3.912E+01	4.033E+01	4.895E+00	1.314E+00	1.795E+01	1.436E+01	1.178E+00
5.600E+03	2.933E+02	4.569E+01	4.065E+01	4.977E+00	1.331E+00	1.793E+01	1.429E+01	1.181E+00
5.700E+03	2.845E+02	5.224E+01	4.097E+01	5.060E+00	1.348E+00	1.789E+01	1.420E+01	1.185E+00
5.800E+03	2.762E+02	5.879E+01	4.128E+01	5.142E+00	1.365E+00	1.783E+01	1.410E+01	1.188E+00
5.900E+03	2.683E+02	6.531E+01	4.158E+01	5.225E+00	1.381E+00	1.777E+01	1.399E+01	1.191E+00
6.000E+03	2.607E+02	7.180E+01	4.188E+01	5.308E+00	1.398E+00	1.769E+01	1.388E+01	1.194E+00
6.100E+03	2.535E+02	7.827E+01	4.217E+01	5.391E+00	1.414E+00	1.761E+01	1.377E+01	1.198E+00
6.200E+03	2.465E+02	8.470E+01	4.246E+01	5.473E+00	1.430E+00	1.753E+01	1.365E+01	1.201E+00
6.300E+03	2.399E+02	9.110E+01	4.274E+01	5.556E+00	1.446E+00	1.743E+01	1.353E+01	1.204E+00
6.400E+03	2.336E+02	9.747E+01	4.301E+01	5.638E+00	1.462E+00	1.734E+01	1.341E+01	1.207E+00
6.500E+03	2.275E+02	1.038E+02	4.328E+01	5.720E+00	1.478E+00	1.724E+01	1.329E+01	1.211E+00
6.600E+03	2.217E+02	1.101E+02	4.354E+01	5.802E+00	1.494E+00	1.713E+01	1.317E+01	1.214E+00
6.700E+03	2.162E+02	1.164E+02	4.380E+01	5.883E+00	1.509E+00	1.703E+01	1.304E+01	1.217E+00
6.800E+03	2.109E+02	1.226E+02	4.405E+01	5.965E+00	1.525E+00	1.692E+01	1.292E+01	1.220E+00
6.900E+03	2.058E+02	1.287E+02	4.430E+01	6.045E+00	1.540E+00	1.680E+01	1.280E+01	1.223E+00
7.000E+03	2.009E+02	1.349E+02	4.454E+01	6.126E+00	1.555E+00	1.669E+01	1.267E+01	1.226E+00
7.100E+03	1.962E+02	1.410E+02	4.478E+01	6.206E+00	1.569E+00	1.657E+01	1.255E+01	1.229E+00
7.200E+03	1.917E+02	1.470E+02	4.501E+01	6.286E+00	1.584E+00	1.645E+01	1.242E+01	1.232E+00
7.300E+03	1.874E+02	1.530E+02	4.523E+01	6.365E+00	1.598E+00	1.632E+01	1.230E+01	1.235E+00
7.400E+03	1.833E+02	1.590E+02	4.546E+01	6.443E+00	1.612E+00	1.620E+01	1.218E+01	1.237E+00
7.500E+03	1.793E+02	1.649E+02	4.567E+01	6.521E+00	1.626E+00	1.607E+01	1.206E+01	1.240E+00
7.600E+03	1.755E+02	1.708E+02	4.588E+01	6.598E+00	1.639E+00	1.594E+01	1.193E+01	1.242E+00
7.700E+03	1.718E+02	1.766E+02	4.609E+01	6.674E+00	1.652E+00	1.580E+01	1.181E+01	1.245E+00
7.800E+03	1.683E+02	1.823E+02	4.630E+01	6.750E+00	1.665E+00	1.567E+01	1.170E+01	1.247E+00
7.900E+03	1.649E+02	1.881E+02	4.649E+01	6.825E+00	1.678E+00	1.554E+01	1.158E+01	1.249E+00
8.000E+03	1.617E+02	1.937E+02	4.669E+01	6.898E+00	1.690E+00	1.541E+01	1.147E+01	1.251E+00
8.200E+03	1.555E+02	2.049E+02	4.707E+01	7.043E+00	1.714E+00	1.516E+01	1.127E+01	1.254E+00
8.400E+03	1.498E+02	2.159E+02	4.743E+01	7.182E+00	1.737E+00	1.493E+01	1.110E+01	1.257E+00
8.600E+03	1.445E+02	2.268E+02	4.778E+01	7.317E+00	1.759E+00	1.474E+01	1.096E+01	1.258E+00

Table I. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.800E+03	1.396E+02	2.376E+02	4.812E+01	7.445E+00	1.779E+00	1.460E+01	1.087E+01	1.258E+00
9.000E+03	1.350E+02	2.482E+02	4.844E+01	7.567E+00	1.799E+00	1.453E+01	1.085E+01	1.257E+00
9.200E+03	1.307E+02	2.589E+02	4.876E+01	7.684E+00	1.818E+00	1.444E+01	1.090E+01	1.255E+00
9.400E+03	1.267E+02	2.696E+02	4.908E+01	7.794E+00	1.835E+00	1.446E+01	1.103E+01	1.252E+00
9.600E+03	1.229E+02	2.804E+02	4.939E+01	7.898E+00	1.853E+00	1.489E+01	1.127E+01	1.247E+00
9.800E+03	1.193E+02	2.914E+02	4.970E+01	7.998E+00	1.869E+00	1.525E+01	1.161E+01	1.241E+00
1.000E+04	1.159E+02	3.028E+02	5.001E+01	8.095E+00	1.886E+00	1.576E+01	1.206E+01	1.235E+00
1.020E+04	1.126E+02	3.146E+02	5.033E+01	8.190E+00	1.903E+00	1.642E+01	1.263E+01	1.229E+00
1.040E+04	1.095E+02	3.269E+02	5.066E+01	8.284E+00	1.920E+00	1.722E+01	1.332E+01	1.222E+00
1.060E+04	1.065E+02	3.398E+02	5.100E+01	8.380E+00	1.937E+00	1.818E+01	1.413E+01	1.216E+00
1.080E+04	1.035E+02	3.536E+02	5.135E+01	8.479E+00	1.955E+00	1.928E+01	1.503E+01	1.210E+00
1.100E+04	1.006E+02	3.681E+02	5.171E+01	8.582E+00	1.975E+00	2.050E+01	1.601E+01	1.205E+00
1.120E+04	9.783E+01	3.836E+02	5.209E+01	8.690E+00	1.995E+00	2.181E+01	1.704E+01	1.201E+00
1.140E+04	9.507E+01	4.001E+02	5.249E+01	8.804E+00	2.017E+00	2.318E+01	1.811E+01	1.198E+00
1.160E+04	9.236E+01	4.176E+02	5.291E+01	8.923E+00	2.041E+00	2.459E+01	1.917E+01	1.196E+00
1.180E+04	8.970E+01	4.361E+02	5.334E+01	9.049E+00	2.065E+00	2.597E+01	2.020E+01	1.194E+00
1.200E+04	8.709E+01	4.557E+02	5.379E+01	9.181E+00	2.092E+00	2.731E+01	2.116E+01	1.194E+00
1.220E+04	8.453E+01	4.761E+02	5.425E+01	9.319E+00	2.120E+00	2.856E+01	2.204E+01	1.194E+00
1.240E+04	8.203E+01	4.975E+02	5.472E+01	9.463E+00	2.149E+00	2.968E+01	2.281E+01	1.194E+00
1.260E+04	7.959E+01	5.196E+02	5.521E+01	9.611E+00	2.180E+00	3.067E+01	2.346E+01	1.196E+00
1.280E+04	7.723E+01	5.424E+02	5.570E+01	9.764E+00	2.212E+00	3.149E+01	2.397E+01	1.197E+00
1.300E+04	7.494E+01	5.657E+02	5.619E+01	9.921E+00	2.244E+00	3.214E+01	2.435E+01	1.199E+00
1.320E+04	7.273E+01	5.894E+02	5.669E+01	1.008E+01	2.277E+00	3.260E+01	2.459E+01	1.202E+00
1.340E+04	7.060E+01	6.134E+02	5.718E+01	1.024E+01	2.311E+00	3.289E+01	2.471E+01	1.205E+00
1.360E+04	6.856E+01	6.376E+02	5.767E+01	1.041E+01	2.345E+00	3.300E+01	2.470E+01	1.208E+00
1.380E+04	6.661E+01	6.617E+02	5.815E+01	1.057E+01	2.378E+00	3.296E+01	2.458E+01	1.211E+00
1.400E+04	6.475E+01	6.858E+02	5.862E+01	1.074E+01	2.412E+00	3.277E+01	2.436E+01	1.214E+00
1.420E+04	6.298E+01	7.097E+02	5.909E+01	1.091E+01	2.445E+00	3.246E+01	2.407E+01	1.218E+00
1.440E+04	6.129E+01	7.334E+02	5.954E+01	1.107E+01	2.477E+00	3.205E+01	2.371E+01	1.222E+00
1.460E+04	5.969E+01	7.566E+02	5.998E+01	1.123E+01	2.508E+00	3.154E+01	2.329E+01	1.225E+00
1.480E+04	5.818E+01	7.795E+02	6.040E+01	1.140E+01	2.539E+00	3.098E+01	2.284E+01	1.229E+00
1.500E+04	5.674E+01	8.020E+02	6.081E+01	1.156E+01	2.569E+00	3.036E+01	2.237E+01	1.232E+00
1.520E+04	5.538E+01	8.240E+02	6.121E+01	1.171E+01	2.597E+00	2.972E+01	2.189E+01	1.235E+00
1.540E+04	5.409E+01	8.455E+02	6.160E+01	1.187E+01	2.625E+00	2.907E+01	2.140E+01	1.238E+00
1.560E+04	5.286E+01	8.666E+02	6.197E+01	1.202E+01	2.651E+00	2.842E+01	2.093E+01	1.241E+00
1.580E+04	5.170E+01	8.872E+02	6.233E+01	1.216E+01	2.676E+00	2.779E+01	2.047E+01	1.244E+00
1.600E+04	5.060E+01	9.073E+02	6.267E+01	1.230E+01	2.700E+00	2.718E+01	2.004E+01	1.246E+00
1.620E+04	4.956E+01	9.270E+02	6.301E+01	1.244E+01	2.723E+00	2.660E+01	1.963E+01	1.248E+00
1.640E+04	4.856E+01	9.462E+02	6.333E+01	1.258E+01	2.745E+00	2.606E+01	1.926E+01	1.249E+00
1.660E+04	4.762E+01	9.651E+02	6.364E+01	1.271E+01	2.766E+00	2.556E+01	1.892E+01	1.251E+00
1.680E+04	4.672E+01	9.837E+02	6.395E+01	1.283E+01	2.786E+00	2.511E+01	1.862E+01	1.251E+00
1.700E+04	4.586E+01	1.002E+03	6.424E+01	1.296E+01	2.804E+00	2.470E+01	1.835E+01	1.252E+00
1.720E+04	4.503E+01	1.020E+03	6.453E+01	1.308E+01	2.822E+00	2.434E+01	1.812E+01	1.252E+00
1.740E+04	4.425E+01	1.038E+03	6.481E+01	1.319E+01	2.840E+00	2.402E+01	1.793E+01	1.252E+00
1.760E+04	4.349E+01	1.055E+03	6.508E+01	1.330E+01	2.856E+00	2.374E+01	1.777E+01	1.252E+00
1.780E+04	4.277E+01	1.072E+03	6.535E+01	1.341E+01	2.872E+00	2.351E+01	1.764E+01	1.251E+00
1.800E+04	4.208E+01	1.089E+03	6.561E+01	1.352E+01	2.887E+00	2.332E+01	1.754E+01	1.250E+00
1.820E+04	4.141E+01	1.106E+03	6.586E+01	1.362E+01	2.901E+00	2.317E+01	1.747E+01	1.249E+00
1.840E+04	4.076E+01	1.123E+03	6.612E+01	1.372E+01	2.915E+00	2.306E+01	1.743E+01	1.248E+00
1.860E+04	4.014E+01	1.140E+03	6.637E+01	1.382E+01	2.928E+00	2.298E+01	1.742E+01	1.246E+00
1.880E+04	3.954E+01	1.157E+03	6.661E+01	1.391E+01	2.941E+00	2.293E+01	1.743E+01	1.245E+00
1.900E+04	3.896E+01	1.174E+03	6.685E+01	1.401E+01	2.953E+00	2.291E+01	1.745E+01	1.243E+00
1.920E+04	3.840E+01	1.191E+03	6.709E+01	1.410E+01	2.965E+00	2.291E+01	1.750E+01	1.242E+00
1.940E+04	3.785E+01	1.207E+03	6.733E+01	1.419E+01	2.977E+00	2.294E+01	1.757E+01	1.240E+00
1.960E+04	3.732E+01	1.224E+03	6.757E+01	1.428E+01	2.989E+00	2.299E+01	1.765E+01	1.238E+00
1.980E+04	3.681E+01	1.241E+03	6.780E+01	1.437E+01	3.000E+00	2.307E+01	1.774E+01	1.237E+00
2.000E+04	3.631E+01	1.258E+03	6.803E+01	1.446E+01	3.011E+00	2.315E+01	1.785E+01	1.235E+00
2.020E+04	3.582E+01	1.275E+03	6.826E+01	1.455E+01	3.021E+00	2.326E+01	1.796E+01	1.233E+00
2.040E+04	3.535E+01	1.292E+03	6.849E+01	1.464E+01	3.032E+00	2.338E+01	1.809E+01	1.232E+00
2.060E+04	3.488E+01	1.309E+03	6.872E+01	1.473E+01	3.042E+00	2.351E+01	1.822E+01	1.230E+00
2.080E+04	3.443E+01	1.326E+03	6.895E+01	1.481E+01	3.053E+00	2.366E+01	1.836E+01	1.229E+00
2.100E+04	3.399E+01	1.344E+03	6.918E+01	1.490E+01	3.063E+00	2.381E+01	1.851E+01	1.227E+00
2.120E+04	3.356E+01	1.361E+03	6.940E+01	1.499E+01	3.073E+00	2.397E+01	1.866E+01	1.226E+00
2.140E+04	3.314E+01	1.379E+03	6.963E+01	1.507E+01	3.083E+00	2.414E+01	1.881E+01	1.224E+00
2.160E+04	3.273E+01	1.397E+03	6.985E+01	1.516E+01	3.093E+00	2.432E+01	1.897E+01	1.223E+00
2.180E+04	3.232E+01	1.414E+03	7.008E+01	1.525E+01	3.102E+00	2.450E+01	1.913E+01	1.222E+00
2.200E+04	3.193E+01	1.432E+03	7.030E+01	1.533E+01	3.112E+00	2.469E+01	1.929E+01	1.221E+00
2.220E+04	3.154E+01	1.451E+03	7.053E+01	1.542E+01	3.122E+00	2.487E+01	1.945E+01	1.220E+00
2.240E+04	3.116E+01	1.469E+03	7.075E+01	1.551E+01	3.132E+00	2.507E+01	1.961E+01	1.219E+00
2.260E+04	3.079E+01	1.487E+03	7.097E+01	1.560E+01	3.142E+00	2.526E+01	1.977E+01	1.218E+00
2.280E+04	3.043E+01	1.506E+03	7.120E+01	1.569E+01	3.151E+00	2.546E+01	1.993E+01	1.217E+00
2.300E+04	3.007E+01	1.524E+03	7.142E+01	1.578E+01	3.161E+00	2.566E+01	2.009E+01	1.217E+00
2.320E+04	2.972E+01	1.543E+03	7.164E+01	1.586E+01	3.171E+00	2.585E+01	2.025E+01	1.216E+00
2.340E+04	2.937E+01	1.562E+03	7.187E+01	1.595E+01	3.181E+00	2.605E+01	2.040E+01	1.216E+00
2.360E+04	2.903E+01	1.581E+03	7.209E+01	1.604E+01	3.191E+00	2.625E+01	2.055E+01	1.215E+00
2.380E+04	2.870E+01	1.601E+03	7.231E+01	1.613E+01	3.201E+00	2.644E+01	2.070E+01	1.215E+00
2.400E+04	2.837E+01	1.620E+03	7.253E+01	1.622E+01	3.211E+00	2.664E+01	2.085E+01	1.214E+00
2.420E+04	2.805E+01	1.640E+03	7.275E+01	1.632E+01	3.221E+00	2.683E+01	2.099E+01	1.214E+00
2.440E+04	2.773E+01	1.659E+03	7.298E+01	1.641E+01	3.231E+00	2.702E+01	2.113E+01	1.214E+00
2.460E+04	2.742E+01	1.679E+03	7.320E+01	1.650E+01	3.242E+00	2.721E+01	2.126E+01	1.214E+00
2.480E+04	2.711E+01	1.699E+03	7.342E+01	1.659E+01	3.252E+00	2.740E+01	2.139E+01	1.214E+00
2.500E+04	2.681E+01	1.719E+03	7.364E+01	1.669E+01	3.262E+00	2.759E+01	2.152E+01	1.214E+00

Table I. - Continued.

P/P0 = 9.00E+03

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
3.000E+02	8.198E+03	-1.690E+02	1.662E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.149E+03	-1.672E+02	1.798E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	4.919E+03	-1.653E+02	1.913E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.099E+03	-1.633E+02	2.014E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.513E+03	-1.612E+02	2.104E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.074E+03	-1.590E+02	2.185E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	2.733E+03	-1.567E+02	2.259E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.459E+03	-1.543E+02	2.326E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.236E+03	-1.519E+02	2.389E+01	1.909E+00	1.000E+00	6.636E+00	5.636E+00	1.177E+00
1.200E+03	2.050E+03	-1.494E+02	2.447E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	1.892E+03	-1.470E+02	2.502E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	1.757E+03	-1.444E+02	2.552E+01	2.146E+00	1.000E+00	6.910E+00	5.910E+00	1.169E+00
1.500E+03	1.640E+03	-1.419E+02	2.600E+01	2.219E+00	1.000E+00	6.977E+00	5.977E+00	1.167E+00
1.600E+03	1.537E+03	-1.393E+02	2.646E+01	2.291E+00	1.000E+00	7.039E+00	6.039E+00	1.166E+00
1.700E+03	1.447E+03	-1.367E+02	2.688E+01	2.360E+00	1.000E+00	7.100E+00	6.098E+00	1.164E+00
1.800E+03	1.366E+03	-1.341E+02	2.729E+01	2.427E+00	1.000E+00	7.163E+00	6.160E+00	1.163E+00
1.900E+03	1.294E+03	-1.315E+02	2.768E+01	2.492E+00	1.000E+00	7.233E+00	6.229E+00	1.161E+00
2.000E+03	1.229E+03	-1.288E+02	2.805E+01	2.555E+00	1.000E+00	7.316E+00	6.308E+00	1.160E+00
2.100E+03	1.170E+03	-1.261E+02	2.841E+01	2.616E+00	1.001E+00	7.416E+00	6.403E+00	1.158E+00
2.200E+03	1.117E+03	-1.234E+02	2.876E+01	2.676E+00	1.001E+00	7.538E+00	6.517E+00	1.156E+00
2.300E+03	1.068E+03	-1.206E+02	2.910E+01	2.735E+00	1.002E+00	7.687E+00	6.655E+00	1.154E+00
2.400E+03	1.022E+03	-1.178E+02	2.943E+01	2.792E+00	1.002E+00	7.865E+00	6.820E+00	1.152E+00
2.500E+03	9.805E+02	-1.149E+02	2.976E+01	2.849E+00	1.003E+00	8.076E+00	7.013E+00	1.150E+00
2.600E+03	9.415E+02	-1.119E+02	3.008E+01	2.905E+00	1.005E+00	8.322E+00	7.237E+00	1.148E+00
2.700E+03	9.050E+02	-1.088E+02	3.040E+01	2.960E+00	1.006E+00	8.604E+00	7.491E+00	1.146E+00
2.800E+03	8.708E+02	-1.056E+02	3.072E+01	3.015E+00	1.009E+00	8.921E+00	7.776E+00	1.144E+00
2.900E+03	8.386E+02	-1.022E+02	3.103E+01	3.070E+00	1.011E+00	9.274E+00	8.089E+00	1.142E+00
3.000E+03	8.080E+02	-9.876E+01	3.136E+01	3.125E+00	1.015E+00	9.660E+00	8.429E+00	1.141E+00
3.100E+03	7.790E+02	-9.514E+01	3.168E+01	3.181E+00	1.018E+00	1.008E+01	8.791E+00	1.139E+00
3.200E+03	7.514E+02	-9.137E+01	3.201E+01	3.237E+00	1.023E+00	1.052E+01	9.174E+00	1.138E+00
3.300E+03	7.249E+02	-8.744E+01	3.234E+01	3.295E+00	1.028E+00	1.099E+01	9.571E+00	1.138E+00
3.400E+03	6.996E+02	-8.333E+01	3.267E+01	3.353E+00	1.034E+00	1.147E+01	9.979E+00	1.137E+00
3.500E+03	6.752E+02	-7.904E+01	3.301E+01	3.413E+00	1.041E+00	1.196E+01	1.039E+01	1.137E+00
3.600E+03	6.518E+02	-7.457E+01	3.335E+01	3.474E+00	1.048E+00	1.247E+01	1.080E+01	1.137E+00
3.700E+03	6.293E+02	-6.991E+01	3.370E+01	3.536E+00	1.056E+00	1.297E+01	1.121E+01	1.138E+00
3.800E+03	6.075E+02	-6.507E+01	3.406E+01	3.600E+00	1.065E+00	1.347E+01	1.161E+01	1.138E+00
3.900E+03	5.866E+02	-6.005E+01	3.441E+01	3.666E+00	1.075E+00	1.396E+01	1.199E+01	1.139E+00
4.000E+03	5.663E+02	-5.485E+01	3.477E+01	3.732E+00	1.086E+00	1.443E+01	1.235E+01	1.140E+00
4.100E+03	5.469E+02	-4.948E+01	3.513E+01	3.801E+00	1.097E+00	1.488E+01	1.268E+01	1.142E+00
4.200E+03	5.281E+02	-4.396E+01	3.550E+01	3.870E+00	1.109E+00	1.531E+01	1.299E+01	1.143E+00
4.300E+03	5.100E+02	-3.828E+01	3.586E+01	3.942E+00	1.122E+00	1.570E+01	1.327E+01	1.145E+00
4.400E+03	4.926E+02	-3.246E+01	3.623E+01	4.014E+00	1.135E+00	1.606E+01	1.352E+01	1.147E+00
4.500E+03	4.758E+02	-2.652E+01	3.659E+01	4.088E+00	1.149E+00	1.639E+01	1.373E+01	1.149E+00
4.600E+03	4.598E+02	-2.046E+01	3.696E+01	4.163E+00	1.163E+00	1.668E+01	1.391E+01	1.152E+00
4.700E+03	4.444E+02	-1.431E+01	3.732E+01	4.239E+00	1.178E+00	1.693E+01	1.406E+01	1.154E+00
4.800E+03	4.296E+02	-8.066E+00	3.768E+01	4.316E+00	1.193E+00	1.715E+01	1.417E+01	1.157E+00
4.900E+03	4.154E+02	-1.752E+00	3.803E+01	4.394E+00	1.208E+00	1.733E+01	1.425E+01	1.160E+00
5.000E+03	4.019E+02	4.620E+00	3.838E+01	4.473E+00	1.224E+00	1.747E+01	1.430E+01	1.162E+00
5.100E+03	3.889E+02	1.104E+01	3.873E+01	4.553E+00	1.240E+00	1.758E+01	1.433E+01	1.165E+00
5.200E+03	3.765E+02	1.749E+01	3.907E+01	4.633E+00	1.256E+00	1.766E+01	1.433E+01	1.168E+00
5.300E+03	3.647E+02	2.357E+01	3.941E+01	4.714E+00	1.272E+00	1.771E+01	1.431E+01	1.171E+00
5.400E+03	3.534E+02	3.046E+01	3.974E+01	4.795E+00	1.289E+00	1.773E+01	1.427E+01	1.174E+00
5.500E+03	3.426E+02	3.695E+01	4.007E+01	4.876E+00	1.305E+00	1.773E+01	1.421E+01	1.177E+00
5.600E+03	3.323E+02	4.345E+01	4.039E+01	4.957E+00	1.322E+00	1.772E+01	1.414E+01	1.181E+00
5.700E+03	3.225E+02	4.993E+01	4.070E+01	5.039E+00	1.338E+00	1.768E+01	1.406E+01	1.184E+00
5.800E+03	3.131E+02	5.640E+01	4.101E+01	5.121E+00	1.354E+00	1.764E+01	1.397E+01	1.187E+00
5.900E+03	3.042E+02	6.285E+01	4.111E+01	5.203E+00	1.371E+00	1.758E+01	1.387E+01	1.190E+00
6.000E+03	2.956E+02	6.927E+01	4.160E+01	5.285E+00	1.387E+00	1.751E+01	1.376E+01	1.193E+00
6.100E+03	2.874E+02	7.567E+01	4.189E+01	5.367E+00	1.403E+00	1.743E+01	1.365E+01	1.197E+00
6.200E+03	2.796E+02	8.204E+01	4.218E+01	5.449E+00	1.419E+00	1.735E+01	1.354E+01	1.200E+00
6.300E+03	2.721E+02	8.838E+01	4.245E+01	5.530E+00	1.435E+00	1.726E+01	1.342E+01	1.203E+00
6.400E+03	2.650E+02	9.469E+01	4.272E+01	5.612E+00	1.450E+00	1.717E+01	1.330E+01	1.206E+00
6.500E+03	2.581E+02	1.010E+02	4.299E+01	5.693E+00	1.466E+00	1.708E+01	1.315E+01	1.209E+00
6.600E+03	2.516E+02	1.072E+02	4.325E+01	5.774E+00	1.481E+00	1.698E+01	1.307E+01	1.212E+00
6.700E+03	2.453E+02	1.134E+02	4.350E+01	5.855E+00	1.496E+00	1.688E+01	1.295E+01	1.216E+00
6.800E+03	2.393E+02	1.196E+02	4.375E+01	5.936E+00	1.511E+00	1.678E+01	1.283E+01	1.219E+00
6.900E+03	2.335E+02	1.257E+02	4.400E+01	6.016E+00	1.526E+00	1.667E+01	1.271E+01	1.222E+00
7.000E+03	2.280E+02	1.318E+02	4.424E+01	6.096E+00	1.541E+00	1.656E+01	1.260E+01	1.225E+00
7.100E+03	2.227E+02	1.378E+02	4.447E+01	6.175E+00	1.556E+00	1.645E+01	1.248E+01	1.227E+00
7.200E+03	2.176E+02	1.438E+02	4.470E+01	6.254E+00	1.570E+00	1.634E+01	1.236E+01	1.230E+00
7.300E+03	2.127E+02	1.498E+02	4.493E+01	6.333E+00	1.584E+00	1.622E+01	1.224E+01	1.233E+00
7.400E+03	2.080E+02	1.557E+02	4.515E+01	6.411E+00	1.598E+00	1.611E+01	1.213E+01	1.236E+00
7.500E+03	2.035E+02	1.616E+02	4.536E+01	6.488E+00	1.611E+00	1.599E+01	1.201E+01	1.238E+00
7.600E+03	1.992E+02	1.674E+02	4.557E+01	6.565E+00	1.625E+00	1.587E+01	1.190E+01	1.241E+00
7.700E+03	1.950E+02	1.732E+02	4.578E+01	6.641E+00	1.638E+00	1.575E+01	1.179E+01	1.243E+00
7.800E+03	1.910E+02	1.790E+02	4.598E+01	6.716E+00	1.651E+00	1.563E+01	1.168E+01	1.245E+00
7.900E+03	1.872E+02	1.847E+02	4.618E+01	6.791E+00	1.663E+00	1.550E+01	1.157E+01	1.247E+00
8.000E+03	1.834E+02	1.903E+02	4.638E+01	6.864E+00	1.676E+00	1.539E+01	1.147E+01	1.249E+00
8.200E+03	1.764E+02	2.015E+02	4.675E+01	7.008E+00	1.700E+00	1.515E+01	1.127E+01	1.253E+00
8.400E+03	1.700E+02	2.125E+02	4.712E+01	7.148E+00	1.723E+00	1.494E+01	1.111E+01	1.255E+00
8.600E+03	1.639E+02	2.234E+02	4.747E+01	7.283E+00	1.745E+00	1.476E+01	1.097E+01	1.257E+00

Table 1. - Continued.

T	RHO/RHO-0	H/RT0	S/R	A/A0	Z	CP/R	CV/R	GAMMA
8.800E+03	1.583E+02	2.342E+02	4.780E+01	7.412E+00	1.765E+00	1.462E+01	1.088E+01	1.257E+00
9.000E+03	1.531E+02	2.449E+02	4.813E+01	7.536E+00	1.785E+00	1.455E+01	1.085E+01	1.257E+00
9.200E+03	1.482E+02	2.555E+02	4.845E+01	7.654E+00	1.804E+00	1.454E+01	1.088E+01	1.255E+00
9.400E+03	1.436E+02	2.662E+02	4.876E+01	7.766E+00	1.822E+00	1.463E+01	1.099E+01	1.252E+00
9.600E+03	1.393E+02	2.770E+02	4.908E+01	7.872E+00	1.839E+00	1.482E+01	1.119E+01	1.248E+00
9.800E+03	1.352E+02	2.880E+02	4.938E+01	7.974E+00	1.856E+00	1.513E+01	1.148E+01	1.243E+00
1.000E+04	1.313E+02	2.992E+02	4.969E+01	8.072E+00	1.873E+00	1.556E+01	1.188E+01	1.237E+00
1.020E+04	1.276E+02	3.108E+02	5.001E+01	8.168E+00	1.890E+00	1.614E+01	1.239E+01	1.230E+00
1.040E+04	1.240E+02	3.229E+02	5.033E+01	8.262E+00	1.906E+00	1.686E+01	1.301E+01	1.224E+00
1.060E+04	1.206E+02	3.356E+02	5.066E+01	8.358E+00	1.924E+00	1.772E+01	1.373E+01	1.218E+00
1.080E+04	1.173E+02	3.489E+02	5.100E+01	8.455E+00	1.941E+00	1.872E+01	1.456E+01	1.212E+00
1.100E+04	1.141E+02	3.630E+02	5.135E+01	8.556E+00	1.960E+00	1.984E+01	1.547E+01	1.207E+00
1.120E+04	1.109E+02	3.780E+02	5.172E+01	8.662E+00	1.980E+00	2.105E+01	1.643E+01	1.203E+00
1.140E+04	1.078E+02	3.939E+02	5.211E+01	8.772E+00	2.001E+00	2.234E+01	1.744E+01	1.199E+00
1.160E+04	1.048E+02	4.108E+02	5.251E+01	8.889E+00	2.023E+00	2.367E+01	1.846E+01	1.197E+00
1.180E+04	1.018E+02	4.286E+02	5.292E+01	9.011E+00	2.047E+00	2.501E+01	1.946E+01	1.195E+00
1.200E+04	9.890E+01	4.474E+02	5.335E+01	9.139E+00	2.072E+00	2.631E+01	2.042E+01	1.194E+00
1.220E+04	9.604E+01	4.671E+02	5.380E+01	9.272E+00	2.099E+00	2.755E+01	2.130E+01	1.194E+00
1.240E+04	9.325E+01	4.878E+02	5.426E+01	9.411E+00	2.127E+00	2.869E+01	2.209E+01	1.194E+00
1.260E+04	9.052E+01	5.092E+02	5.473E+01	9.556E+00	2.156E+00	2.970E+01	2.277E+01	1.195E+00
1.280E+04	8.787E+01	5.313E+02	5.520E+01	9.705E+00	2.187E+00	3.058E+01	2.334E+01	1.196E+00
1.300E+04	8.530E+01	5.539E+02	5.568E+01	9.857E+00	2.218E+00	3.130E+01	2.378E+01	1.198E+00
1.320E+04	8.281E+01	5.771E+02	5.616E+01	1.001E+01	2.250E+00	3.185E+01	2.409E+01	1.200E+00
1.340E+04	8.041E+01	6.006E+02	5.665E+01	1.017E+01	2.283E+00	3.223E+01	2.427E+01	1.203E+00
1.360E+04	7.810E+01	6.243E+02	5.713E+01	1.033E+01	2.315E+00	3.246E+01	2.434E+01	1.206E+00
1.380E+04	7.589E+01	6.481E+02	5.760E+01	1.050E+01	2.348E+00	3.252E+01	2.430E+01	1.209E+00
1.400E+04	7.378E+01	6.719E+02	5.807E+01	1.066E+01	2.381E+00	3.245E+01	2.416E+01	1.212E+00
1.420E+04	7.176E+01	6.956E+02	5.853E+01	1.082E+01	2.414E+00	3.224E+01	2.394E+01	1.215E+00
1.440E+04	6.983E+01	7.191E+02	5.898E+01	1.099E+01	2.446E+00	3.193E+01	2.365E+01	1.219E+00
1.460E+04	6.800E+01	7.423E+02	5.942E+01	1.115E+01	2.477E+00	3.153E+01	2.330E+01	1.222E+00
1.480E+04	6.626E+01	7.652E+02	5.984E+01	1.131E+01	2.508E+00	3.105E+01	2.291E+01	1.226E+00
1.500E+04	6.461E+01	7.878E+02	6.025E+01	1.147E+01	2.538E+00	3.051E+01	2.249E+01	1.229E+00
1.520E+04	6.304E+01	8.099E+02	6.066E+01	1.163E+01	2.567E+00	2.994E+01	2.204E+01	1.232E+00
1.540E+04	6.156E+01	8.316E+02	6.104E+01	1.178E+01	2.594E+00	2.935E+01	2.160E+01	1.235E+00
1.560E+04	6.015E+01	8.529E+02	6.142E+01	1.193E+01	2.621E+00	2.874E+01	2.115E+01	1.238E+00
1.580E+04	5.881E+01	8.737E+02	6.178E+01	1.208E+01	2.647E+00	2.814E+01	2.071E+01	1.241E+00
1.600E+04	5.754E+01	8.941E+02	6.213E+01	1.222E+01	2.672E+00	2.754E+01	2.029E+01	1.243E+00
1.620E+04	5.633E+01	9.141E+02	6.247E+01	1.236E+01	2.695E+00	2.699E+01	1.990E+01	1.245E+00
1.640E+04	5.518E+01	9.337E+02	6.280E+01	1.250E+01	2.718E+00	2.646E+01	1.953E+01	1.247E+00
1.660E+04	5.409E+01	9.528E+02	6.312E+01	1.263E+01	2.739E+00	2.596E+01	1.919E+01	1.248E+00
1.680E+04	5.305E+01	9.717E+02	6.342E+01	1.276E+01	2.760E+00	2.550E+01	1.888E+01	1.249E+00
1.700E+04	5.206E+01	9.902E+02	6.372E+01	1.289E+01	2.779E+00	2.508E+01	1.860E+01	1.250E+00
1.720E+04	5.111E+01	1.008E+03	6.401E+01	1.301E+01	2.798E+00	2.470E+01	1.836E+01	1.250E+00
1.740E+04	5.020E+01	1.026E+03	6.430E+01	1.313E+01	2.816E+00	2.437E+01	1.815E+01	1.250E+00
1.760E+04	4.933E+01	1.044E+03	6.457E+01	1.324E+01	2.833E+00	2.407E+01	1.797E+01	1.250E+00
1.780E+04	4.850E+01	1.062E+03	6.484E+01	1.335E+01	2.849E+00	2.382E+01	1.783E+01	1.249E+00
1.800E+04	4.770E+01	1.079E+03	6.511E+01	1.346E+01	2.864E+00	2.360E+01	1.771E+01	1.249E+00
1.820E+04	4.693E+01	1.096E+03	6.537E+01	1.356E+01	2.879E+00	2.342E+01	1.763E+01	1.248E+00
1.840E+04	4.619E+01	1.113E+03	6.562E+01	1.366E+01	2.894E+00	2.328E+01	1.757E+01	1.247E+00
1.860E+04	4.548E+01	1.130E+03	6.588E+01	1.376E+01	2.907E+00	2.317E+01	1.753E+01	1.245E+00
1.880E+04	4.479E+01	1.147E+03	6.612E+01	1.386E+01	2.921E+00	2.310E+01	1.752E+01	1.244E+00
1.900E+04	4.412E+01	1.164E+03	6.637E+01	1.396E+01	2.934E+00	2.305E+01	1.753E+01	1.243E+00
1.920E+04	4.348E+01	1.181E+03	6.661E+01	1.405E+01	2.946E+00	2.303E+01	1.756E+01	1.241E+00
1.940E+04	4.286E+01	1.198E+03	6.685E+01	1.414E+01	2.958E+00	2.303E+01	1.760E+01	1.239E+00
1.960E+04	4.225E+01	1.215E+03	6.708E+01	1.424E+01	2.970E+00	2.305E+01	1.766E+01	1.238E+00
1.980E+04	4.166E+01	1.232E+03	6.732E+01	1.433E+01	2.981E+00	2.310E+01	1.774E+01	1.236E+00
2.000E+04	4.109E+01	1.248E+03	6.755E+01	1.442E+01	2.992E+00	2.316E+01	1.783E+01	1.234E+00
2.020E+04	4.054E+01	1.265E+03	6.778E+01	1.451E+01	3.003E+00	2.325E+01	1.793E+01	1.233E+00
2.040E+04	4.000E+01	1.282E+03	6.801E+01	1.459E+01	3.014E+00	2.334E+01	1.804E+01	1.231E+00
2.060E+04	3.947E+01	1.300E+03	6.824E+01	1.468E+01	3.025E+00	2.345E+01	1.815E+01	1.230E+00
2.080E+04	3.896E+01	1.317E+03	6.846E+01	1.477E+01	3.035E+00	2.357E+01	1.828E+01	1.228E+00
2.100E+04	3.846E+01	1.334E+03	6.869E+01	1.486E+01	3.045E+00	2.370E+01	1.841E+01	1.227E+00
2.120E+04	3.797E+01	1.351E+03	6.892E+01	1.494E+01	3.055E+00	2.384E+01	1.854E+01	1.225E+00
2.140E+04	3.750E+01	1.369E+03	6.914E+01	1.503E+01	3.065E+00	2.399E+01	1.868E+01	1.224E+00
2.160E+04	3.703E+01	1.387E+03	6.936E+01	1.512E+01	3.075E+00	2.415E+01	1.883E+01	1.223E+00
2.180E+04	3.657E+01	1.404E+03	6.959E+01	1.520E+01	3.085E+00	2.431E+01	1.897E+01	1.222E+00
2.200E+04	3.613E+01	1.422E+03	6.981E+01	1.529E+01	3.095E+00	2.448E+01	1.912E+01	1.221E+00
2.220E+04	3.569E+01	1.440E+03	7.003E+01	1.538E+01	3.104E+00	2.465E+01	1.927E+01	1.220E+00
2.240E+04	3.526E+01	1.458E+03	7.025E+01	1.546E+01	3.114E+00	2.482E+01	1.942E+01	1.219E+00
2.260E+04	3.484E+01	1.476E+03	7.048E+01	1.555E+01	3.124E+00	2.500E+01	1.957E+01	1.218E+00
2.280E+04	3.443E+01	1.495E+03	7.070E+01	1.564E+01	3.133E+00	2.518E+01	1.972E+01	1.217E+00
2.300E+04	3.402E+01	1.513E+03	7.092E+01	1.573E+01	3.143E+00	2.536E+01	1.987E+01	1.216E+00
2.320E+04	3.363E+01	1.532E+03	7.114E+01	1.581E+01	3.153E+00	2.554E+01	2.001E+01	1.216E+00
2.340E+04	3.324E+01	1.551E+03	7.136E+01	1.590E+01	3.162E+00	2.573E+01	2.016E+01	1.215E+00
2.360E+04	3.286E+01	1.570E+03	7.158E+01	1.599E+01	3.172E+00	2.591E+01	2.030E+01	1.214E+00
2.380E+04	3.248E+01	1.589E+03	7.180E+01	1.608E+01	3.182E+00	2.609E+01	2.044E+01	1.214E+00
2.400E+04	3.211E+01	1.608E+03	7.201E+01	1.617E+01	3.191E+00	2.627E+01	2.058E+01	1.214E+00
2.420E+04	3.175E+01	1.627E+03	7.223E+01	1.626E+01	3.201E+00	2.645E+01	2.071E+01	1.213E+00
2.440E+04	3.139E+01	1.646E+03	7.245E+01	1.635E+01	3.211E+00	2.663E+01	2.084E+01	1.213E+00
2.460E+04	3.104E+01	1.666E+03	7.267E+01	1.644E+01	3.221E+00	2.680E+01	2.097E+01	1.213E+00
2.480E+04	3.069E+01	1.686E+03	7.289E+01	1.653E+01	3.231E+00	2.698E+01	2.110E+01	1.213E+00
2.500E+04	3.035E+01	1.706E+03	7.310E+01	1.663E+01	3.241E+00	2.715E+01	2.122E+01	1.213E+00

Table I. - Continued.

P/PO = 1.00E+04

T	RHO/RHO-0	H/RTO	S/R	A/A0	Z	CP/R	CV/R	GAMMA
3.000E+02	9.109E+03	-1.690E+02	1.652E+01	1.042E+00	1.000E+00	4.475E+00	3.475E+00	1.288E+00
4.000E+02	6.822E+03	-1.672E+02	1.788E+01	1.187E+00	1.000E+00	4.968E+00	3.968E+00	1.252E+00
5.000E+02	5.465E+03	-1.653E+02	1.903E+01	1.315E+00	1.000E+00	5.364E+00	4.364E+00	1.229E+00
6.000E+02	4.555E+03	-1.633E+02	2.004E+01	1.431E+00	1.000E+00	5.686E+00	4.686E+00	1.213E+00
7.000E+02	3.904E+03	-1.612E+02	2.093E+01	1.538E+00	1.000E+00	5.953E+00	4.953E+00	1.202E+00
8.000E+02	3.416E+03	-1.590E+02	2.174E+01	1.639E+00	1.000E+00	6.174E+00	5.174E+00	1.193E+00
9.000E+02	3.036E+03	-1.567E+02	2.248E+01	1.733E+00	1.000E+00	6.357E+00	5.357E+00	1.187E+00
1.000E+03	2.733E+03	-1.543E+02	2.316E+01	1.823E+00	1.000E+00	6.509E+00	5.509E+00	1.182E+00
1.100E+03	2.484E+03	-1.519E+02	2.378E+01	1.909E+00	1.000E+00	6.636E+00	5.633E+00	1.177E+00
1.200E+03	2.277E+03	-1.494E+02	2.437E+01	1.991E+00	1.000E+00	6.743E+00	5.743E+00	1.174E+00
1.300E+03	2.102E+03	-1.470E+02	2.491E+01	2.070E+00	1.000E+00	6.833E+00	5.833E+00	1.171E+00
1.400E+03	1.952E+03	-1.444E+02	2.542E+01	2.146E+00	1.000E+00	6.910E+00	5.910E+00	1.169E+00
1.500E+03	1.822E+03	-1.419E+02	2.590E+01	2.219E+00	1.000E+00	6.977E+00	5.977E+00	1.167E+00
1.600E+03	1.708E+03	-1.393E+02	2.635E+01	2.291E+00	1.000E+00	7.039E+00	6.038E+00	1.166E+00
1.700E+03	1.607E+03	-1.367E+02	2.678E+01	2.360E+00	1.000E+00	7.099E+00	6.098E+00	1.164E+00
1.800E+03	1.518E+03	-1.341E+02	2.719E+01	2.427E+00	1.000E+00	7.161E+00	6.159E+00	1.163E+00
1.900E+03	1.438E+03	-1.315E+02	2.758E+01	2.492E+00	1.000E+00	7.231E+00	6.226E+00	1.161E+00
2.000E+03	1.366E+03	-1.288E+02	2.795E+01	2.555E+00	1.000E+00	7.312E+00	6.303E+00	1.160E+00
2.100E+03	1.301E+03	-1.261E+02	2.831E+01	2.616E+00	1.001E+00	7.409E+00	6.396E+00	1.158E+00
2.200E+03	1.241E+03	-1.234E+02	2.866E+01	2.676E+00	1.001E+00	7.528E+00	6.508E+00	1.156E+00
2.300E+03	1.186E+03	-1.206E+02	2.899E+01	2.735E+00	1.002E+00	7.672E+00	6.642E+00	1.155E+00
2.400E+03	1.136E+03	-1.178E+02	2.932E+01	2.793E+00	1.002E+00	7.845E+00	6.801E+00	1.153E+00
2.500E+03	1.090E+03	-1.149E+02	2.965E+01	2.849E+00	1.003E+00	8.049E+00	6.988E+00	1.151E+00
2.600E+03	1.046E+03	-1.119E+02	2.997E+01	2.905E+00	1.005E+00	8.287E+00	7.205E+00	1.148E+00
2.700E+03	1.006E+03	-1.088E+02	3.029E+01	2.960E+00	1.006E+00	8.559E+00	7.451E+00	1.146E+00
2.800E+03	9.679E+02	-1.056E+02	3.060E+01	3.015E+00	1.008E+00	8.867E+00	7.726E+00	1.144E+00
2.900E+03	9.321E+02	-1.023E+02	3.092E+01	3.070E+00	1.011E+00	9.208E+00	8.030E+00	1.143E+00
3.000E+03	8.983E+02	-9.888E+01	3.124E+01	3.125E+00	1.014E+00	9.582E+00	8.358E+00	1.141E+00
3.100E+03	8.661E+02	-9.529E+01	3.156E+01	3.181E+00	1.018E+00	9.985E+00	8.710E+00	1.140E+00
3.200E+03	8.355E+02	-9.156E+01	3.188E+01	3.237E+00	1.022E+00	1.041E+01	9.080E+00	1.139E+00
3.300E+03	8.062E+02	-8.767E+01	3.221E+01	3.294E+00	1.027E+00	1.086E+01	9.466E+00	1.138E+00
3.400E+03	7.782E+02	-8.360E+01	3.254E+01	3.352E+00	1.033E+00	1.133E+01	9.861E+00	1.137E+00
3.500E+03	7.512E+02	-7.937E+01	3.288E+01	3.411E+00	1.039E+00	1.181E+01	1.026E+01	1.137E+00
3.600E+03	7.254E+02	-7.495E+01	3.322E+01	3.472E+00	1.047E+00	1.230E+01	1.066E+01	1.137E+00
3.700E+03	7.004E+02	-7.036E+01	3.356E+01	3.534E+00	1.054E+00	1.279E+01	1.106E+01	1.138E+00
3.800E+03	6.764E+02	-6.558E+01	3.391E+01	3.597E+00	1.063E+00	1.328E+01	1.145E+01	1.138E+00
3.900E+03	6.532E+02	-6.063E+01	3.426E+01	3.662E+00	1.073E+00	1.376E+01	1.182E+01	1.139E+00
4.000E+03	6.309E+02	-5.551E+01	3.461E+01	3.724E+00	1.083E+00	1.422E+01	1.217E+01	1.141E+00
4.100E+03	6.094E+02	-5.023E+01	3.497E+01	3.795E+00	1.094E+00	1.466E+01	1.250E+01	1.142E+00
4.200E+03	5.886E+02	-4.478E+01	3.533E+01	3.865E+00	1.105E+00	1.508E+01	1.281E+01	1.144E+00
4.300E+03	5.686E+02	-3.919E+01	3.569E+01	3.935E+00	1.118E+00	1.547E+01	1.308E+01	1.145E+00
4.400E+03	5.494E+02	-3.346E+01	3.605E+01	4.007E+00	1.131E+00	1.583E+01	1.333E+01	1.147E+00
4.500E+03	5.308E+02	-2.760E+01	3.641E+01	4.080E+00	1.144E+00	1.615E+01	1.354E+01	1.149E+00
4.600E+03	5.131E+02	-2.163E+01	3.676E+01	4.154E+00	1.158E+00	1.644E+01	1.372E+01	1.152E+00
4.700E+03	4.960E+02	-1.556E+01	3.712E+01	4.229E+00	1.172E+00	1.670E+01	1.387E+01	1.154E+00
4.800E+03	4.796E+02	-9.410E+00	3.747E+01	4.306E+00	1.187E+00	1.691E+01	1.399E+01	1.157E+00
4.900E+03	4.639E+02	-3.182E+00	3.783E+01	4.383E+00	1.202E+00	1.710E+01	1.408E+01	1.159E+00
5.000E+03	4.489E+02	3.107E+00	3.817E+01	4.461E+00	1.218E+00	1.724E+01	1.414E+01	1.162E+00
5.100E+03	4.345E+02	9.444E+00	3.852E+01	4.539E+00	1.233E+00	1.736E+01	1.417E+01	1.165E+00
5.200E+03	4.208E+02	1.582E+01	3.885E+01	4.619E+00	1.249E+00	1.744E+01	1.418E+01	1.168E+00
5.300E+03	4.076E+02	2.222E+01	3.919E+01	4.699E+00	1.265E+00	1.750E+01	1.416E+01	1.171E+00
5.400E+03	3.951E+02	2.863E+01	3.951E+01	4.779E+00	1.281E+00	1.753E+01	1.413E+01	1.174E+00
5.500E+03	3.831E+02	3.506E+01	3.984E+01	4.859E+00	1.297E+00	1.754E+01	1.408E+01	1.177E+00
5.600E+03	3.716E+02	4.148E+01	4.015E+01	4.940E+00	1.313E+00	1.753E+01	1.401E+01	1.180E+00
5.700E+03	3.607E+02	4.790E+01	4.046E+01	5.021E+00	1.329E+00	1.750E+01	1.393E+01	1.183E+00
5.800E+03	3.502E+02	5.430E+01	4.077E+01	5.102E+00	1.345E+00	1.746E+01	1.385E+01	1.186E+00
5.900E+03	3.403E+02	6.069E+01	4.106E+01	5.184E+00	1.361E+00	1.741E+01	1.375E+01	1.189E+00
6.000E+03	3.307E+02	6.705E+01	4.136E+01	5.265E+00	1.377E+00	1.735E+01	1.365E+01	1.193E+00
6.100E+03	3.216E+02	7.339E+01	4.164E+01	5.346E+00	1.393E+00	1.727E+01	1.354E+01	1.196E+00
6.200E+03	3.129E+02	7.971E+01	4.192E+01	5.427E+00	1.409E+00	1.720E+01	1.343E+01	1.199E+00
6.300E+03	3.046E+02	8.599E+01	4.220E+01	5.508E+00	1.424E+00	1.711E+01	1.332E+01	1.202E+00
6.400E+03	2.966E+02	9.224E+01	4.247E+01	5.589E+00	1.440E+00	1.703E+01	1.321E+01	1.205E+00
6.500E+03	2.890E+02	9.846E+01	4.273E+01	5.670E+00	1.455E+00	1.694E+01	1.310E+01	1.208E+00
6.600E+03	2.816E+02	1.046E+02	4.299E+01	5.750E+00	1.470E+00	1.684E+01	1.298E+01	1.211E+00
6.700E+03	2.746E+02	1.108E+02	4.324E+01	5.830E+00	1.485E+00	1.675E+01	1.287E+01	1.214E+00
6.800E+03	2.679E+02	1.169E+02	4.349E+01	5.910E+00	1.500E+00	1.665E+01	1.275E+01	1.217E+00
6.900E+03	2.615E+02	1.230E+02	4.373E+01	5.990E+00	1.515E+00	1.655E+01	1.264E+01	1.220E+00
7.000E+03	2.553E+02	1.290E+02	4.397E+01	6.069E+00	1.529E+00	1.645E+01	1.252E+01	1.223E+00
7.100E+03	2.494E+02	1.350E+02	4.420E+01	6.148E+00	1.543E+00	1.634E+01	1.241E+01	1.226E+00
7.200E+03	2.437E+02	1.410E+02	4.443E+01	6.226E+00	1.558E+00	1.624E+01	1.230E+01	1.229E+00
7.300E+03	2.382E+02	1.469E+02	4.465E+01	6.304E+00	1.571E+00	1.613E+01	1.219E+01	1.232E+00
7.400E+03	2.330E+02	1.528E+02	4.487E+01	6.382E+00	1.585E+00	1.602E+01	1.208E+01	1.234E+00
7.500E+03	2.279E+02	1.587E+02	4.509E+01	6.459E+00	1.599E+00	1.591E+01	1.197E+01	1.237E+00
7.600E+03	2.231E+02	1.645E+02	4.530E+01	6.535E+00	1.612E+00	1.580E+01	1.186E+01	1.239E+00
7.700E+03	2.184E+02	1.703E+02	4.550E+01	6.611E+00	1.625E+00	1.569E+01	1.175E+01	1.242E+00
7.800E+03	2.139E+02	1.760E+02	4.570E+01	6.686E+00	1.638E+00	1.557E+01	1.165E+01	1.244E+00
7.900E+03	2.096E+02	1.817E+02	4.590E+01	6.760E+00	1.650E+00	1.546E+01	1.155E+01	1.246E+00
8.000E+03	2.054E+02	1.873E+02	4.610E+01	6.833E+00	1.663E+00	1.535E+01	1.145E+01	1.248E+00
8.200E+03	1.976E+02	1.985E+02	4.647E+01	6.977E+00	1.687E+00	1.514E+01	1.127E+01	1.251E+00
8.400E+03	1.903E+02	2.095E+02	4.684E+01	7.117E+00	1.710E+00	1.494E+01	1.111E+01	1.254E+00
8.600E+03	1.835E+02	2.204E+02	4.719E+01	7.252E+00	1.732E+00	1.477E+01	1.098E+01	1.256E+00

REPRODUCED FROM  
ORIGINAL PAGE IS POOR

Table I. - Concluded.

T	RHO/RHO-0	H/RT0	S/k	A/A0	Z	CP/R	CV/R	GAMMA
8.400E+03	1.772E+02	2.312E+02	4.752E+01	7.382E+00	1.752E+00	1.463E+01	1.089E+01	1.256E+00
9.000E+03	1.713E+02	2.418E+02	4.785E+01	7.507E+00	1.772E+00	1.455E+01	1.085E+01	1.256E+00
9.200E+03	1.658E+02	2.525E+02	4.817E+01	7.626E+00	1.791E+00	1.454E+01	1.086E+01	1.254E+00
9.400E+03	1.606E+02	2.632E+02	4.849E+01	7.740E+00	1.810E+00	1.460E+01	1.095E+01	1.252E+00
9.600E+03	1.558E+02	2.739E+02	4.879E+01	7.848E+00	1.827E+00	1.476E+01	1.112E+01	1.248E+00
9.800E+03	1.512E+02	2.848E+02	4.910E+01	7.951E+00	1.844E+00	1.503E+01	1.138E+01	1.243E+00
1.000E+04	1.464E+02	2.960E+02	4.941E+01	8.050E+00	1.861E+00	1.541E+01	1.174E+01	1.238E+00
1.020E+04	1.427E+02	3.075E+02	4.972E+01	8.147E+00	1.878E+00	1.593E+01	1.219E+01	1.232E+00
1.040E+04	1.387E+02	3.194E+02	5.004E+01	8.242E+00	1.894E+00	1.658E+01	1.276E+01	1.226E+00
1.060E+04	1.349E+02	3.318E+02	5.036E+01	8.337E+00	1.911E+00	1.736E+01	1.342E+01	1.220E+00
1.080E+04	1.312E+02	3.448E+02	5.069E+01	8.434E+00	1.929E+00	1.827E+01	1.418E+01	1.214E+00
1.100E+04	1.276E+02	3.586E+02	5.104E+01	8.533E+00	1.947E+00	1.930E+01	1.502E+01	1.209E+00
1.120E+04	1.241E+02	3.732E+02	5.140E+01	8.637E+00	1.966E+00	2.043E+01	1.593E+01	1.204E+00
1.140E+04	1.207E+02	3.886E+02	5.177E+01	8.745E+00	1.987E+00	2.165E+01	1.689E+01	1.200E+00
1.160E+04	1.173E+02	4.049E+02	5.216E+01	8.858E+00	2.008E+00	2.291E+01	1.786E+01	1.197E+00
1.180E+04	1.140E+02	4.222E+02	5.256E+01	8.977E+00	2.031E+00	2.419E+01	1.883E+01	1.195E+00
1.200E+04	1.108E+02	4.404E+02	5.298E+01	9.101E+00	2.055E+00	2.545E+01	1.977E+01	1.194E+00
1.220E+04	1.077E+02	4.595E+02	5.341E+01	9.231E+00	2.081E+00	2.667E+01	2.065E+01	1.193E+00
1.240E+04	1.046E+02	4.794E+02	5.385E+01	9.367E+00	2.108E+00	2.781E+01	2.145E+01	1.193E+00
1.260E+04	1.015E+02	5.002E+02	5.431E+01	9.507E+00	2.136E+00	2.885E+01	2.216E+01	1.194E+00
1.280E+04	9.861E+01	5.217E+02	5.477E+01	9.652E+00	2.165E+00	2.976E+01	2.276E+01	1.195E+00
1.300E+04	9.576E+01	5.438E+02	5.524E+01	9.802E+00	2.195E+00	3.053E+01	2.324E+01	1.197E+00
1.320E+04	9.300E+01	5.664E+02	5.571E+01	9.955E+00	2.226E+00	3.114E+01	2.361E+01	1.199E+00
1.340E+04	9.033E+01	5.894E+02	5.618E+01	1.011E+01	2.258E+00	3.160E+01	2.385E+01	1.201E+00
1.360E+04	8.775E+01	6.126E+02	5.665E+01	1.027E+01	2.290E+00	3.191E+01	2.398E+01	1.204E+00
1.380E+04	8.528E+01	6.361E+02	5.712E+01	1.043E+01	2.322E+00	3.207E+01	2.401E+01	1.207E+00
1.400E+04	8.291E+01	6.596E+02	5.758E+01	1.059E+01	2.354E+00	3.209E+01	2.394E+01	1.210E+00
1.420E+04	8.065E+01	6.831E+02	5.803E+01	1.075E+01	2.386E+00	3.198E+01	2.378E+01	1.213E+00
1.440E+04	7.848E+01	7.064E+02	5.848E+01	1.091E+01	2.418E+00	3.175E+01	2.355E+01	1.216E+00
1.460E+04	7.642E+01	7.296E+02	5.892E+01	1.108E+01	2.449E+00	3.144E+01	2.326E+01	1.220E+00
1.480E+04	7.446E+01	7.524E+02	5.934E+01	1.124E+01	2.480E+00	3.104E+01	2.292E+01	1.223E+00
1.500E+04	7.259E+01	7.750E+02	5.976E+01	1.140E+01	2.510E+00	3.058E+01	2.254E+01	1.226E+00
1.520E+04	7.082E+01	7.972E+02	6.016E+01	1.155E+01	2.539E+00	3.007E+01	2.214E+01	1.229E+00
1.540E+04	6.913E+01	8.190E+02	6.055E+01	1.171E+01	2.567E+00	2.953E+01	2.173E+01	1.232E+00
1.560E+04	6.753E+01	8.405E+02	6.093E+01	1.186E+01	2.594E+00	2.897E+01	2.131E+01	1.235E+00
1.580E+04	6.601E+01	8.615E+02	6.129E+01	1.201E+01	2.620E+00	2.841E+01	2.090E+01	1.238E+00
1.600E+04	6.457E+01	8.821E+02	6.164E+01	1.215E+01	2.645E+00	2.785E+01	2.050E+01	1.240E+00
1.620E+04	6.320E+01	9.023E+02	6.199E+01	1.229E+01	2.669E+00	2.731E+01	2.011E+01	1.242E+00
1.640E+04	6.189E+01	9.221E+02	6.232E+01	1.243E+01	2.692E+00	2.679E+01	1.975E+01	1.244E+00
1.660E+04	6.065E+01	9.415E+02	6.264E+01	1.256E+01	2.714E+00	2.630E+01	1.941E+01	1.246E+00
1.680E+04	5.947E+01	9.606E+02	6.295E+01	1.269E+01	2.735E+00	2.584E+01	1.910E+01	1.247E+00
1.700E+04	5.834E+01	9.793E+02	6.326E+01	1.282E+01	2.756E+00	2.541E+01	1.882E+01	1.247E+00
1.720E+04	5.726E+01	9.978E+02	6.355E+01	1.294E+01	2.775E+00	2.503E+01	1.857E+01	1.248E+00
1.740E+04	5.623E+01	1.016E+03	6.384E+01	1.306E+01	2.793E+00	2.468E+01	1.835E+01	1.248E+00
1.760E+04	5.524E+01	1.034E+03	6.412E+01	1.318E+01	2.811E+00	2.437E+01	1.816E+01	1.248E+00
1.780E+04	5.429E+01	1.052E+03	6.439E+01	1.329E+01	2.828E+00	2.410E+01	1.800E+01	1.248E+00
1.800E+04	5.339E+01	1.069E+03	6.466E+01	1.340E+01	2.844E+00	2.386E+01	1.787E+01	1.247E+00
1.820E+04	5.251E+01	1.087E+03	6.492E+01	1.351E+01	2.859E+00	2.367E+01	1.777E+01	1.246E+00
1.840E+04	5.168E+01	1.104E+03	6.518E+01	1.361E+01	2.874E+00	2.350E+01	1.770E+01	1.246E+00
1.860E+04	5.087E+01	1.121E+03	6.543E+01	1.371E+01	2.888E+00	2.337E+01	1.764E+01	1.244E+00
1.880E+04	5.009E+01	1.138E+03	6.568E+01	1.381E+01	2.902E+00	2.327E+01	1.762E+01	1.243E+00
1.900E+04	4.934E+01	1.155E+03	6.593E+01	1.391E+01	2.915E+00	2.320E+01	1.761E+01	1.242E+00
1.920E+04	4.861E+01	1.172E+03	6.617E+01	1.401E+01	2.928E+00	2.315E+01	1.762E+01	1.240E+00
1.940E+04	4.790E+01	1.189E+03	6.641E+01	1.410E+01	2.940E+00	2.313E+01	1.765E+01	1.239E+00
1.960E+04	4.722E+01	1.206E+03	6.665E+01	1.419E+01	2.953E+00	2.314E+01	1.770E+01	1.237E+00
1.980E+04	4.656E+01	1.223E+03	6.688E+01	1.428E+01	2.964E+00	2.316E+01	1.776E+01	1.236E+00
2.00E+04	4.592E+01	1.240E+03	6.712E+01	1.437E+01	2.976E+00	2.320E+01	1.783E+01	1.234E+00
2.020E+04	4.529E+01	1.257E+03	6.735E+01	1.446E+01	2.987E+00	2.326E+01	1.791E+01	1.232E+00
2.040E+04	4.469E+01	1.274E+03	6.758E+01	1.455E+01	2.998E+00	2.334E+01	1.801E+01	1.231E+00
2.060E+04	4.410E+01	1.291E+03	6.781E+01	1.464E+01	3.008E+00	2.343E+01	1.811E+01	1.229E+00
2.080E+04	4.352E+01	1.308E+03	6.802E+01	1.473E+01	3.019E+00	2.353E+01	1.822E+01	1.228E+00
2.100E+04	4.296E+01	1.325E+03	6.826E+01	1.481E+01	3.029E+00	2.364E+01	1.834E+01	1.226E+00
2.120E+04	4.241E+01	1.343E+03	6.848E+01	1.490E+01	3.039E+00	2.376E+01	1.846E+01	1.225E+00
2.140E+04	4.188E+01	1.360E+03	6.871E+01	1.499E+01	3.049E+00	2.389E+01	1.859E+01	1.224E+00
2.160E+04	4.136E+01	1.378E+03	6.893E+01	1.507E+01	3.059E+00	2.403E+01	1.872E+01	1.223E+00
2.180E+04	4.085E+01	1.395E+03	6.915E+01	1.516E+01	3.069E+00	2.417E+01	1.886E+01	1.221E+00
2.200E+04	4.035E+01	1.413E+03	6.937E+01	1.525E+01	3.079E+00	2.432E+01	1.899E+01	1.220E+00
2.220E+04	3.986E+01	1.431E+03	6.959E+01	1.533E+01	3.088E+00	2.448E+01	1.913E+01	1.219E+00
2.240E+04	3.938E+01	1.449E+03	6.981E+01	1.542E+01	3.098E+00	2.464E+01	1.927E+01	1.218E+00
2.260E+04	3.891E+01	1.467E+03	7.003E+01	1.551E+01	3.107E+00	2.480E+01	1.941E+01	1.217E+00
2.280E+04	3.845E+01	1.485E+03	7.025E+01	1.559E+01	3.117E+00	2.496E+01	1.955E+01	1.217E+00
2.300E+04	3.800E+01	1.503E+03	7.047E+01	1.568E+01	3.126E+00	2.513E+01	1.969E+01	1.216E+00
2.320E+04	3.756E+01	1.522E+03	7.069E+01	1.577E+01	3.136E+00	2.530E+01	1.983E+01	1.215E+00
2.340E+04	3.713E+01	1.541E+03	7.091E+01	1.586E+01	3.145E+00	2.547E+01	1.995E+01	1.215E+00
2.360E+04	3.670E+01	1.559E+03	7.112E+01	1.595E+01	3.155E+00	2.563E+01	2.010E+01	1.214E+00
2.380E+04	3.628E+01	1.578E+03	7.134E+01	1.603E+01	3.165E+00	2.580E+01	2.023E+01	1.214E+00
2.400E+04	3.587E+01	1.597E+03	7.156E+01	1.612E+01	3.174E+00	2.597E+01	2.036E+01	1.213E+00
2.420E+04	3.547E+01	1.616E+03	7.177E+01	1.621E+01	3.184E+00	2.614E+01	2.049E+01	1.213E+00
2.440E+04	3.507E+01	1.635E+03	7.199E+01	1.630E+01	3.193E+00	2.630E+01	2.061E+01	1.213E+00
2.460E+04	3.468E+01	1.655E+03	7.220E+01	1.639E+01	3.203E+00	2.647E+01	2.073E+01	1.212E+00
2.480E+04	3.430E+01	1.674E+03	7.242E+01	1.648E+01	3.213E+00	2.663E+01	2.085E+01	1.212E+00
2.500E+04	3.392E+01	1.693E+03	7.263E+01	1.657E+01	3.222E+00	2.679E+01	2.096E+01	1.212E+00



Table II. - Mole Fractions for Carbon Dioxide.

P/P0 = 4.00E-07								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
P/P0 = 5.00E-07								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
P/P0 = 6.00E-07								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.462E-11	1.760E-18	0.
P/P0 = 7.00E-07								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.555E-11	1.760E-18	0.
P/P0 = 8.00E-07								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.384E-11	1.760E-18	0.
2.000E+02	0.	8.854E-65	0.	0.	0.	5.564E-11	1.760E-18	0.
P/P0 = 9.00E-07								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.529E-11	1.760E-18	0.
2.000E+02	0.	8.190E-65	0.	0.	0.	5.355E-11	1.760E-18	0.
P/P0 = 1.00E-06								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.347E-11	1.760E-18	0.
2.000E+02	0.	7.844E-65	0.	0.	0.	5.458E-11	1.760E-18	0.
P/P0 = 2.00E-06								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.445E-11	1.760E-18	0.
2.000E+02	0.	5.439E-65	0.	0.	0.	5.247E-11	1.760E-18	0.
3.000E+02	0.	2.583E-43	2.170E-77	0.	0.	5.895E-11	1.760E-18	0.
4.000E+02	0.	1.707E-32	5.938E-60	0.	0.	4.958E-11	1.760E-18	0.
5.000E+02	0.	6.048E-26	1.630E-49	0.	0.	5.373E-11	1.760E-18	0.
P/P0 = 3.00E-06								
T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	4.520E-65	0.	0.	0.	5.436E-11	1.760E-18	0.
3.000E+02	0.	2.043E-43	1.829E-77	0.	0.	5.533E-11	1.760E-18	0.
4.000E+02	0.	1.481E-32	4.724E-60	0.	0.	5.223E-11	1.760E-18	0.
5.000E+02	0.	4.883E-26	1.360E-49	0.	0.	5.146E-11	1.760E-18	0.
6.000E+02	3.413E-88	1.086E-21	1.378E-42	0.	0.	4.598E-11	1.760E-18	0.
7.000E+02	1.360E-72	4.325E-18	4.420E-38	0.	5.602E-86	4.343E-10	1.760E-18	5.240E-81
8.000E+02	7.055E-60	7.028E-15	3.404E-35	0.	1.599E-71	2.318E-08	1.760E-18	1.331E-67

Table II.- Continued.

P/P0 = 4.00E-07

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02

P/P0 = 5.00E-07

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02

P/P0 = 6.00E-07

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02

P/P0 = 7.00E-07

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02

P/P0 = 8.00E-07

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	6.669E-62	0.	1.000E+00	0.	2.000E+02

P/P0 = 9.00E-07

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	6.409E-62	0.	1.000E+00	0.	2.000E+02

P/P0 = 1.00E-06

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	6.023E-62	0.	1.000E+00	0.	2.000E+02

P/P0 = 2.00E-06

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	4.343E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.611E-37	8.701E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.745E-25	4.222E-57	1.000E+00	0.	4.000E+02
7.773E-93	1.586E-92	0.	0.	9.157E-18	8.422E-45	1.000E+00	0.	5.000E+02

P/P0 = 3.00E-06

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.484E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.359E-37	7.820E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.979E-25	3.188E-57	1.000E+00	0.	4.000E+02
0.	1.153E-92	0.	0.	7.640E-18	7.352E-45	1.000E+00	0.	5.000E+02
1.400E-7	1.541E-74	0.	0.	7.018E-13	1.506E-36	1.000E+00	0.	6.000E+02
1.022E-60	1.328E-63	0.	0.	7.680E-10	9.979E-32	1.000E+00	0.	7.000E+02
4.626E-52	2.176E-57	0.	0.	4.625E-08	6.39E-30	1.000E+00	1.983E-76	8.000E+02

Table II. - Continued.

P/P0 = 4.00E-06

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.506E-11	1.760E-18	0.
2.000E+02	0.	3.718E-65	0.	0.	0.	4.905E-11	1.760E-18	0.
3.000E+02	0.	1.754E-43	1.598E-77	0.	0.	5.441E-11	1.760E-18	0.
4.000E+02	0.	1.202E-32	4.216E-60	0.	0.	4.916E-11	1.760E-18	0.
5.000E+02	0.	4.286E-26	1.150E-49	0.	0.	5.397E-11	1.760E-18	0.
6.000E+02	2.643E-88	9.303E-22	1.175E-42	0.	0.	4.747E-11	1.760E-18	0.
7.000E+02	9.323E-73	3.580E-18	4.004E-38	0.	4.237E-86	3.908E-10	1.760E-18	4.384E-81
8.000E+02	4.808E-60	5.802E-15	3.093E-35	0.	1.199E-71	2.106E-08	1.760E-18	1.099E-67
9.000E+02	4.083E-50	1.891E-12	5.325E-33	0.	2.302E-60	4.923E-07	1.760E-18	3.285E-57
1.000E+03	3.674E-42	1.945E-10	3.297E-31	0.	2.451E-51	6.117E-06	1.760E-18	7.681E-49

P/P0 = 5.00E-06

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.438E-11	1.760E-18	0.
2.000E+02	0.	3.291E-65	0.	0.	0.	4.803E-11	1.760E-18	0.
3.000E+02	0.	1.657E-43	1.253E-77	0.	0.	6.065E-11	1.760E-18	0.
4.000E+02	0.	1.086E-32	3.735E-60	0.	0.	5.013E-11	1.760E-18	0.
5.000E+02	0.	3.792E-26	1.040E-49	0.	0.	5.280E-11	1.760E-18	0.
6.000E+02	2.086E-88	8.269E-22	1.058E-42	0.	0.	4.683E-11	1.760E-18	0.
7.000E+02	6.961E-73	3.093E-18	3.707E-38	0.	3.417E-86	3.704E-10	1.760E-18	3.919E-81
8.000E+02	3.571E-60	5.000E-15	2.871E-35	0.	9.591E-72	1.955E-08	1.760E-18	9.473E-68
9.000E+02	3.032E-50	1.629E-12	4.943E-33	0.	1.842E-60	4.570E-07	1.760E-18	2.835E-57
1.000E+03	2.729E-42	1.676E-10	3.061E-31	0.	1.961E-51	5.678E-06	1.760E-18	6.794E-49
1.100E+03	8.956E-36	7.443E-09	9.003E-30	0.	4.762E-44	4.451E-05	1.760E-18	4.852E-42
1.200E+03	2.450E-30	1.759E-07	1.514E-28	0.	6.783E-38	2.469E-04	1.760E-18	2.483E-36
1.300E+03	9.888E-26	2.557E-06	1.657E-27	0.	1.089E-32	1.048E-03	1.759E-18	1.671E-31

P/P0 = 6.00E-06

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	3.122E-65	0.	0.	0.	5.188E-11	1.760E-18	0.
3.000E+02	0.	1.455E-43	1.284E-77	0.	0.	5.619E-11	1.760E-18	0.
4.000E+02	0.	1.007E-32	3.355E-60	0.	0.	5.177E-11	1.760E-18	0.
5.000E+02	0.	3.434E-26	9.571E-50	0.	0.	5.197E-11	1.760E-18	0.
6.000E+02	1.722E-88	7.484E-22	9.699E-43	0.	0.	4.642E-11	1.760E-18	0.
7.000E+02	5.484E-73	2.746E-18	3.481E-38	0.	2.867E-86	3.501E-10	1.760E-18	3.413E-81
8.000E+02	2.901E-60	4.429E-15	2.701E-35	0.	7.981E-72	1.840E-08	1.760E-18	8.393E-68
9.000E+02	2.378E-50	1.443E-12	4.652E-33	0.	1.535E-60	4.301E-07	1.760E-18	2.510E-57
1.000E+03	2.140E-42	1.484E-10	2.880E-31	0.	1.634E-51	5.343E-06	1.760E-18	6.017E-49
1.100E+03	7.024E-36	6.591E-09	8.472E-30	0.	3.968E-44	4.188E-05	1.760E-18	4.297E-42
1.200E+03	1.921E-30	1.558E-07	1.425E-28	0.	5.653E-38	2.323E-04	1.760E-18	2.196E-36
1.300E+03	7.755E-26	2.265E-06	1.559E-27	0.	9.074E-33	9.861E-04	1.759E-18	1.480E-31
1.400E+03	6.936E-22	2.243E-05	.217E-26	0.	2.611E-28	3.384E-03	1.755E-18	2.011E-27
1.500E+03	1.125E-18	1.629E-04	1.192E-25	0.	1.146E-24	9.725E-03	2.868E-18	4.576E-24

P/P0 = 7.00E-06

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.414E-11	1.760E-18	0.
2.000E+02	0.	2.969E-65	0.	0.	0.	5.472E-11	1.760E-18	0.
3.000E+02	0.	1.358E-43	1.179E-77	0.	0.	5.708E-11	1.760E-18	0.
4.000E+02	0.	9.411E-33	3.078E-60	0.	0.	5.272E-11	1.760E-18	0.
5.000E+02	0.	3.109E-26	9.060E-50	0.	0.	4.970E-11	1.760E-18	0.
6.000E+02	1.581E-88	7.200E-22	8.668E-43	0.	0.	4.972E-11	1.760E-18	0.
7.000E+02	4.479E-73	2.481E-18	3.301E-38	0.	2.469E-86	3.337E-10	1.760E-18	3.099E-81
8.000E+02	2.280E-60	3.996E-15	2.566E-35	0.	6.852E-72	1.748E-08	1.760E-18	7.573E-68
9.000E+02	1.936E-50	1.302E-12	4.419E-33	0.	1.316E-60	4.085E-07	1.760E-18	2.265E-57
1.000E+03	1.742E-42	1.389E-10	2.736E-31	0.	1.400E-51	5.076E-06	1.760E-18	5.429E-49
1.100E+03	5.719E-36	5.947E-09	8.048E-30	0.	3.401E-44	3.979E-05	1.760E-18	3.877E-42
1.200E+03	1.565E-30	1.406E-07	1.354E-28	0.	4.845E-38	2.207E-04	1.760E-18	1.980E-36
1.300E+03	6.315E-26	2.044E-06	1.481E-27	0.	7.779E-33	9.59E-04	1.759E-18	1.336E-31
1.400E+03	5.650E-22	2.025E-05	1.156E-26	0.	2.239E-28	3.216E-03	1.755E-18	1.816E-27
1.500E+03	9.696E-19	1.471E-04	1.071E-25	0.	1.041E-24	9.250E-03	2.714E-18	4.376E-24
1.600E+03	4.994E-17	8.250E-04	9.881E-24	0.	1.252E-22	2.277E-02	5.156E-17	2.925E-22
1.700E+03	1.037E-15	3.699E-03	8.220E-22	0.	5.356E-21	4.822E-02	1.039E-15	7.279E-21

Table II. - Continued.

P/P0 = 4.00E-06

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.177E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.187E-37	6.952E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.659E-25	3.023E-57	1.000E+00	0.	4.000E+02
0.	7.859E-93	0.	0.	6.460E-18	5.928E-45	1.000E+00	0.	5.000E+02
1.017E-73	1.084E-74	0.	0.	5.982E-13	1.243E-36	1.000E+00	0.	6.000E+02
4.388E-61	1.193E-63	0.	0.	6.958E-10	3.945E-32	1.000E+00	2.979E-88	7.000E+02
3.818E-52	1.977E-57	0.	0.	4.202E-08	2.638E-30	1.000E+00	1.801E-76	8.000E+02
1.955E-45	1.208E-52	0.	0.	9.845E-07	6.295E-29	1.000E+00	2.317E-67	9.000E+02
4.576E-40	8.203E-49	0.	4.667E-82	1.223E-05	7.959E-28	1.000E+00	4.499E-60	1.000E+03

P/P0 = 5.00E-06

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.870E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.005E-37	5.285E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.355E-25	2.626E-57	1.000E+00	0.	4.000E+02
0.	6.570E-93	0.	0.	5.842E-18	5.479E-45	1.000E+00	0.	5.000E+02
8.248E-74	8.914E-75	0.	0.	5.387E-13	1.135E-36	1.000E+00	0.	6.000E+02
7.176E-61	1.095E-63	0.	0.	6.442E-10	3.913E-32	1.000E+00	0.	7.000E+02
3.290E-52	1.835E-57	0.	0.	3.901E-08	2.638E-30	1.000E+00	1.672E-76	8.000E+02
1.684E-45	1.121E-52	0.	0.	9.139E-07	6.295E-29	1.000E+00	2.151E-67	9.000E+02
3.944E-40	7.614E-49	0.	3.734E-82	1.136E-05	7.959E-28	1.000E+00	4.176E-60	1.000E+03
9.773E-36	1.048E-45	0.	6.368E-72	8.902E-05	6.349E-27	9.999E-01	3.845E-54	1.100E+03
4.516E-32	4.352E-43	0.	2.140E-63	4.938E-04	3.585E-26	9.993E-01	3.594E-49	1.200E+03
5.700E-29	7.112E-41	0.	3.499E-56	2.058E-03	1.552E-25	9.969E-01	5.777E-45	1.300E+03

P/P0 = 6.00E-06

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.521E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	9.535E-38	5.411E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.116E-25	2.284E-57	1.000E+00	0.	4.000E+02
0.	5.652E-93	0.	0.	5.376E-18	5.123E-45	1.000E+00	0.	5.000E+02
6.935E-74	7.501E-75	0.	0.	4.939E-13	1.050E-36	1.000E+00	0.	6.000E+02
6.339E-61	1.019E-63	0.	0.	6.048E-10	3.886E-32	1.000E+00	0.	7.000E+02
2.913E-52	1.726E-57	0.	0.	3.670E-08	2.637E-30	1.000E+00	1.573E-76	8.000E+02
1.492E-45	1.055E-52	0.	0.	8.600E-07	6.295E-29	1.000E+00	2.018E-67	9.000E+02
3.492E-40	7.147E-49	0.	3.111E-82	1.069E-05	7.959E-28	1.000E+00	3.930E-60	1.000E+03
8.655E-36	9.862E-46	0.	5.307E-72	8.377E-05	6.349E-27	9.999E-01	3.618E-54	1.100E+03
3.999E-32	4.096E-43	0.	1.783E-63	4.647E-04	3.585E-26	9.993E-01	3.382E-49	1.200E+03
5.048E-29	6.767E-41	0.	2.918E-56	1.974E-03	1.552E-25	9.970E-01	5.436E-45	1.300E+03
2.300E-26	5.426E-39	0.	4.435E-50	6.789E-03	5.452E-25	9.898E-01	2.188E-41	1.400E+03
4.628E-24	4.018E-37	7.132E-95	6.083E-45	1.961E-02	2.660E-24	9.705E-01	2.900E-38	1.500E+03

P/P0 = 7.00E-06

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.273E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.758E-38	4.891E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.941E-25	2.058E-57	1.000E+00	0.	4.000E+02
2.401E-93	5.294E-93	0.	0.	5.089E-18	5.057E-45	1.000E+00	0.	5.000E+02
5.549E-74	5.649E-75	0.	0.	4.418E-13	8.771E-37	1.000E+00	0.	6.000E+02
5.702E-61	9.613E-64	0.	0.	5.736E-10	3.868E-32	1.000E+00	0.	7.000E+02
2.629E-52	1.640E-57	0.	0.	3.487E-08	2.637E-30	1.000E+00	1.494E-76	8.000E+02
1.346E-45	1.002E-52	0.	0.	8.169E-07	6.295E-29	1.000E+00	1.918E-67	9.000E+02
3.151E-40	6.807E-49	0.	2.667E-82	1.015E-05	7.959E-28	1.000E+00	3.733E-60	1.000E+03
7.810E-36	9.368E-46	0.	4.548E-72	7.958E-05	6.349E-27	9.999E-01	3.437E-54	1.100E+03
3.608E-32	3.890E-43	0.	1.529E-63	4.414E-04	3.585E-26	9.993E-01	3.212E-49	1.200E+03
4.555E-29	6.428E-41	0.	2.503E-56	1.876E-03	1.552E-25	9.972E-01	5.164E-45	1.300E+03
2.075E-26	5.152E-39	0.	3.803E-50	6.451E-03	5.452E-25	9.903E-01	2.079E-41	1.400E+03
4.177E-24	3.603E-37	6.368E-55	5.520E-45	1.865E-02	2.516E-24	9.720E-01	2.756E-38	1.500E+03
4.314E-22	1.966E-34	1.043E-88	1.358E-41	4.636E-02	1.253E-22	9.300E-01	1.472E-35	1.600E+03
2.558E-20	7.430E-32	7.730E-83	8.422E-39	1.001E-01	5.975E-21	8.479E-01	3.677E-33	1.700E+03

Table II. - Continued.

P/P0 = 8.00E-06

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.603E-11	1.760E-18	0.
2.000E+02	0.	2.651E-65	0.	0.	0.	4.988E-11	1.760E-18	0.
3.000E+02	0.	1.239E-43	1.131E-77	0.	0.	5.428E-11	1.760E-18	0.
4.000E+02	0.	8.786E-33	2.885E-60	0.	0.	5.252E-11	1.760E-18	0.
5.000E+02	0.	2.985E-26	8.257E-50	0.	0.	5.236E-11	1.760E-18	0.
6.000E+02	1.298E-88	6.498E-22	8.399E-43	0.	0.	4.627E-11	1.760E-18	0.
7.000E+02	3.777E-73	2.279E-18	3.146E-38	0.	2.185E-86	3.215E-10	1.760E-18	2.868E-81
8.000E+02	1.909E-60	3.656E-15	2.454E-35	0.	5.999E-72	1.672E-01	1.760E-18	6.930E-68
9.000E+02	1.620E-50	1.101E-12	4.227E-33	0.	1.151E-60	3.907E-07	1.760E-18	2.072E-57
1.000E+03	1.458E-42	1.225E-10	2.617E-31	0.	1.225E-51	4.855E-06	1.760E-18	4.959E-49
1.100E+03	4.787E-36	5.441E-09	7.697E-30	0.	2.976E-44	3.805E-05	1.760E-18	3.547E-42
1.200E+03	1.304E-30	1.286E-07	1.295E-28	0.	4.240E-38	2.111E-04	1.760E-18	1.812E-36
1.300E+03	5.295E-26	1.870E-06	1.417E-27	0.	6.809E-33	8.962E-04	1.759E-18	1.222E-31
1.400E+03	4.730E-22	1.853E-05	1.106E-26	0.	1.960E-28	3.077E-03	1.755E-18	1.663E-27
1.500E+03	8.497E-19	1.346E-04	9.787E-26	0.	9.539E-25	8.857E-03	2.594E-18	4.196E-24
1.600E+03	4.559E-17	7.557E-04	8.660E-24	0.	1.199E-22	2.183E-02	4.771E-17	2.932E-22
1.700E+03	9.518E-16	3.394E-03	7.193E-22	0.	5.153E-21	4.640E-02	9.535E-16	7.343E-21
1.800E+03	1.352E-14	1.245E-02	3.724E-20	0.	1.331E-19	8.429E-02	1.352E-14	1.131E-19

P/P0 = 9.00E-06

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.610E-11	1.760E-18	0.
2.000E+02	0.	2.529E-65	0.	0.	0.	5.107E-11	1.760E-18	0.
3.000E+02	0.	1.210E-43	1.030E-77	0.	0.	5.822E-11	1.760E-18	0.
4.000E+02	0.	8.160E-33	2.761E-60	0.	0.	5.095E-11	1.760E-18	0.
5.000E+02	0.	2.748E-26	7.974E-50	0.	0.	4.990E-11	1.760E-18	0.
6.000E+02	1.201E-88	6.276E-22	7.709E-43	0.	0.	4.856E-11	1.760E-18	0.
7.000E+02	3.242E-73	2.111E-18	3.018E-38	0.	1.955E-86	3.105E-10	1.760E-18	2.678E-81
8.000E+02	1.632E-60	3.380E-15	2.359E-35	0.	5.332E-72	1.608E-08	1.760E-18	6.409E-68
9.000E+02	1.385E-50	1.101E-12	4.064E-33	0.	1.023E-60	3.757E-07	1.760E-18	1.916E-57
1.000E+03	1.246E-42	1.183E-10	2.516E-31	0.	1.089E-51	4.668E-06	1.760E-18	4.589E-49
1.100E+03	4.091E-36	5.030E-09	7.401E-30	0.	2.645E-44	3.659E-05	1.760E-18	3.279E-42
1.200E+03	1.119E-30	1.189E-07	1.245E-28	0.	3.769E-38	2.029E-04	1.760E-18	1.679E-36
1.300E+03	4.517E-26	1.729E-06	1.362E-27	0.	6.052E-33	8.618E-04	1.759E-18	1.130E-31
1.400E+03	4.043E-22	1.713E-05	1.063E-26	0.	1.743E-28	2.959E-03	1.756E-18	1.538E-27
1.500E+03	7.544E-19	1.245E-04	9.063E-26	0.	9.812E-25	8.523E-03	2.500E-18	4.033E-24
1.600E+03	4.213E-17	6.904E-04	7.709E-24	0.	1.154E-22	2.104E-02	4.385E-17	2.938E-22
1.700E+03	8.821E-16	3.146E-03	6.394E-22	0.	4.979E-21	4.483E-02	8.838E-16	7.398E-21
1.800E+03	1.257E-14	1.157E-02	3.311E-20	0.	1.293E-19	8.188E-02	1.257E-14	1.148E-19
1.900E+03	1.283E-13	3.510E-02	1.140E-18	1.716E-91	2.122E-18	1.255E-01	1.283E-13	1.124E-18

P/P0 = 1.00E-05

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.414E-11	1.760E-18	0.
2.000E+02	0.	2.463E-65	0.	0.	0.	5.311E-11	1.760E-18	0.
3.000E+02	0.	1.117E-43	1.003E-77	0.	0.	5.519E-11	1.760E-18	0.
4.000E+02	0.	7.612E-33	2.664E-60	0.	0.	4.927E-11	1.760E-18	0.
5.000E+02	0.	2.655E-26	7.426E-50	0.	0.	5.177E-11	1.760E-18	0.
6.000E+02	1.057E-88	5.887E-22	7.429E-43	0.	0.	4.747E-11	1.760E-18	0.
7.000E+02	2.820E-73	1.969E-18	2.912E-38	0.	1.762E-86	3.001E-10	1.760E-18	2.504E-81
8.000E+02	1.418E-60	3.150E-15	2.278E-35	0.	4.799E-72	1.552E-08	1.760E-18	5.973E-68
9.000E+02	1.203E-50	1.026E-12	3.924E-33	0.	9.210E-61	3.627E-07	1.760E-18	1.786E-57
1.000E+03	1.082E-42	1.056E-10	2.429E-31	0.	9.758E-52	4.507E-06	1.760E-18	4.280E-49
1.100E+03	3.554E-36	4.689E-09	7.145E-30	0.	2.381E-44	3.533E-05	1.760E-18	3.057E-42
1.200E+03	9.724E-31	1.108E-07	1.202E-28	0.	3.392E-38	1.959E-04	1.760E-18	1.565E-36
1.300E+03	3.926E-26	1.611E-06	1.315E-27	0.	5.433E-33	8.321E-04	1.759E-18	1.053E-31
1.400E+03	3.514E-22	1.597E-05	1.026E-26	0.	1.569E-28	2.858E-03	1.756E-18	1.434E-27
1.500E+03	6.769E-19	1.161E-04	8.477E-26	0.	8.192E-25	8.236E-03	2.423E-18	3.885E-24
1.600E+03	3.925E-17	6.526E-04	6.948E-24	0.	1.114E-22	2.035E-02	4.097E-17	2.942E-22
1.700E+03	8.240E-16	2.938E-03	5.755E-22	0.	4.827E-21	4.347E-02	8.256E-16	7.445E-21
1.800E+03	1.176E-14	1.083E-02	2.979E-20	0.	1.259E-19	7.975E-02	1.177E-14	1.164E-19
1.900E+03	1.206E-13	3.299E-02	1.027E-18	0.	2.084E-18	1.232E-01	1.206E-13	1.152E-18
2.000E+03	9.066E-13	8.289E-02	2.490E-17	2.458E-86	2.210E-17	1.550E-01	9.066E-13	7.098E-18

P/P0 = 2.00E-05

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	1.751E-65	0.	0.	0.	5.437E-11	1.760E-18	0.
3.000E+02	0.	7.802E-44	7.195E-78	0.	0.	5.381E-11	1.760E-18	0.

Table II. - Continued.

P/PO = 8.00E-06

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.227E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.382E-38	4.937E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.819E-25	1.935E-57	1.000E+00	0.	4.000E+02
1.994E-93	0.	0.	0.	4.638E-18	4.381E-45	1.000E+00	0.	5.000E+02
5.217E-74	5.704E-75	0.	0.	4.284E-13	9.135E-37	1.000E+00	0.	6.000E+02
5.175E-61	9.082E-54	0.	0.	5.406E-10	3.824E-32	1.000E+00	2.268E-88	7.000E+02
2.404E-52	1.566E-57	0.	0.	3.355E-08	2.657E-30	1.000E+00	1.424E-76	8.000E+02
1.231E-43	9.500E-53	0.	0.	7.814E-07	6.295E-29	1.000E+00	1.839E-67	9.000E+02
2.883E-40	8.511E-49	0.	2.334E-82	9.710E-06	7.959E-28	1.000E+00	3.571E-60	1.000E+03
7.125E-36	8.960E-46	0.	3.980E-72	7.611E-05	6.349E-27	9.959E-01	3.287E-54	1.100E+03
3.301E-32	3.721E-43	0.	1.338E-63	4.222E-04	3.585E-26	9.954E-01	3.072E-49	1.200E+03
4.167E-29	8.177E-41	0.	2.190E-56	1.794E-03	1.552E-25	9.973E-01	4.939E-45	1.300E+03
1.899E-26	4.277E-39	0.	3.329E-50	6.172E-03	5.451E-25	9.907E-01	1.988E-41	1.400E+03
3.822E-24	3.255E-37	5.809E-55	5.058E-45	1.789E-02	2.405E-24	9.732E-01	2.637E-38	1.500E+03
3.949E-22	1.721E-34	8.740E-69	1.299E-41	4.442E-02	1.144E-22	9.330E-01	1.409E-35	1.600E+03
2.343E-20	8.920E-32	6.440E-83	8.086E-39	9.619E-02	5.473E-21	5.540E-01	3.525E-33	1.700E+03
8.685E-19	1.409E-29	1.163E-77	2.253E-36	1.810E-01	1.700E-19	7.222E-01	4.014E-31	1.800E+03

P/PO = 9.00E-06

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.075E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.645E-38	4.187E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.741E-25	1.909E-57	1.000E+00	0.	4.000E+02
1.800E-93	0.	0.	0.	4.479E-18	4.438E-45	1.000E+00	0.	5.000E+02
4.418E-74	4.603E-75	0.	0.	3.943E-13	8.011E-37	1.000E+00	0.	6.000E+02
4.700E-61	8.894E-54	0.	0.	5.244E-10	3.800E-32	1.000E+00	2.163E-88	7.000E+02
2.222E-52	1.507E-57	0.	0.	3.200E-08	2.636E-30	1.000E+00	1.373E-76	8.000E+02
1.138E-43	9.198E-53	0.	0.	7.513E-07	6.295E-29	1.000E+00	1.768E-67	9.000E+02
2.883E-40	8.200E-49	0.	2.074E-82	9.336E-06	7.959E-28	1.000E+00	3.433E-60	1.000E+03
6.818E-36	8.613E-46	0.	3.538E-72	7.318E-05	6.349E-27	9.959E-01	3.161E-54	1.100E+03
3.305E-32	3.573E-43	0.	1.189E-63	4.000E-04	3.585E-26	9.994E-01	2.954E-49	1.200E+03
3.852E-29	5.910E-41	0.	1.947E-56	1.725E-03	1.552E-25	9.974E-01	4.749E-45	1.300E+03
1.755E-26	4.110E-39	0.	2.960E-50	5.935E-03	5.451E-25	9.911E-01	1.912E-41	1.400E+03
3.534E-24	3.051E-37	5.384E-55	4.671E-45	1.717E-02	2.317E-24	9.742E-01	2.536E-38	1.500E+03
3.652E-22	1.524E-34	7.475E-89	1.249E-41	4.278E-02	1.064E-22	9.355E-01	1.356E-35	1.600E+03
2.108E-20	8.150E-32	5.483E-83	7.804E-39	9.281E-02	5.065E-21	8.592E-01	3.397E-33	1.700E+03
8.047E-19	1.319E-29	9.057E-78	2.240E-36	1.753E-01	1.575E-19	7.312E-01	4.455E-31	1.800E+03
1.996E-17	1.672E-27	5.474E-73	3.207E-34	2.800E-01	3.344E-18	5.534E-01	3.340E-29	1.900E+03

P/PO = 1.00E-05

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.909E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.451E-38	4.307E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.680E-25	1.906E-57	1.000E+00	0.	4.000E+02
1.013E-93	0.	0.	0.	4.171E-18	3.987E-45	1.000E+00	0.	5.000E+02
4.068E-74	4.337E-75	0.	0.	3.783E-13	7.864E-37	1.000E+00	0.	6.000E+02
4.437E-61	8.325E-54	0.	0.	5.060E-10	3.793E-32	1.000E+00	2.083E-88	7.000E+02
2.072E-52	1.455E-57	0.	0.	3.095E-08	2.637E-30	1.000E+00	1.326E-76	8.000E+02
1.061E-43	8.897E-53	0.	0.	7.254E-07	6.295E-29	1.000E+00	1.704E-67	9.000E+02
2.464E-40	8.044E-49	0.	1.867E-82	9.014E-06	7.959E-28	1.000E+00	3.315E-60	1.000E+03
6.149E-36	8.318E-46	0.	3.184E-72	7.066E-05	6.349E-27	9.994E-01	3.051E-54	1.100E+03
2.845E-32	3.954E-43	0.	1.070E-63	3.920E-04	3.585E-26	9.994E-01	2.852E-49	1.200E+03
3.591E-29	5.100E-41	0.	1.752E-56	1.666E-03	1.552E-25	9.975E-01	4.585E-45	1.300E+03
1.836E-26	4.572E-39	0.	2.664E-50	5.732E-03	5.451E-25	9.914E-01	1.846E-41	1.400E+03
3.295E-24	2.852E-37	5.051E-55	4.342E-45	1.659E-02	2.245E-24	9.751E-01	2.449E-38	1.500E+03
3.406E-22	1.379E-34	8.508E-89	1.206E-41	4.136E-02	9.937E-23	9.376E-01	1.310E-35	1.600E+03
2.023E-20	5.000E-32	4.749E-83	7.557E-39	8.980E-02	4.726E-21	8.637E-01	3.286E-33	1.700E+03
7.515E-19	1.165E-29	8.506E-78	2.197E-36	1.701E-01	1.470E-19	7.391E-01	4.317E-31	1.800E+03
1.867E-17	1.471E-27	4.092E-73	3.132E-34	2.793E-01	3.125E-18	5.645E-01	3.245E-29	1.900E+03
3.290E-16	1.240E-25	1.005E-68	2.486E-32	3.930E-01	4.803E-17	3.690E-01	1.514E-27	2.000E+03

P/PO = 2.00E-05

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.346E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	5.336E-38	3.163E-78	1.000E+00	0.	3.000E+02



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
4.000E+02	0.	5.570E-33	1.820E-60	0.	0.	5.277E-11	1.760E-18	0.
5.000E+02	0.	1.859E-26	5.304E-50	0.	0.	5.074E-11	1.760E-18	0.
6.000E+02	5.201E-89	4.129E-22	5.292E-43	0.	0.	4.672E-11	1.760E-18	0.
7.000E+02	1.156E-73	1.261E-18	2.274E-38	0.	9.252E-87	2.461E-10	1.760E-18	1.686E-81
8.000E+02	5.629E-61	1.985E-15	1.808E-35	0.	2.401E-72	1.233E-08	1.760E-18	3.767E-68
9.000E+02	4.776E-51	6.466E-13	3.114E-33	0.	4.605E-61	2.879E-07	1.760E-18	1.125E-57
1.000E+03	4.297E-43	6.681E-11	1.928E-31	0.	4.902E-52	3.577E-06	1.760E-18	2.696E-49
1.100E+03	1.411E-36	2.954E-09	5.671E-30	0.	1.190E-44	2.804E-05	1.760E-18	1.926E-42
1.200E+03	3.848E-31	6.982E-08	9.540E-29	0.	1.696E-38	1.555E-04	1.760E-18	9.860E-37
1.300E+03	1.558E-26	1.015E-06	1.044E-27	0.	2.725E-33	6.607E-04	1.759E-18	6.642E-32
1.400E+03	1.396E-22	1.007E-05	8.142E-27	0.	7.861E-29	2.272E-03	1.757E-18	9.049E-28
1.500E+03	3.165E-19	7.380E-05	5.723E-26	0.	4.837E-25	6.566E-03	2.065E-18	2.897E-24
1.600E+03	2.455E-17	4.134E-04	3.518E-24	0.	8.931E-23	1.633E-02	2.628E-17	2.954E-22
1.700E+03	5.252E-16	1.874E-03	2.879E-22	0.	3.914E-21	3.537E-02	5.269E-16	7.723E-21
1.800E+03	7.602E-15	6.999E-03	1.492E-20	0.	1.052E-19	6.660E-02	7.604E-15	1.256E-19
1.900E+03	7.972E-14	2.181E-02	5.134E-19	0.	1.821E-18	1.076E-01	7.972E-14	1.331E-18
2.000E+03	6.217E-13	5.691E-02	1.245E-17	8.959E-87	2.078E-17	1.458E-01	6.217E-13	9.157E-18
2.100E+03	3.646E-12	1.240E-01	2.232E-16	5.349E-82	1.569E-16	1.604E-01	3.655E-12	3.994E-17
2.200E+03	1.631E-11	2.289E-01	3.090E-15	1.191E-77	7.771E-16	1.383E-01	1.631E-11	1.068E-16
2.300E+03	5.565E-11	3.337E-01	3.412E-14	1.355E-73	2.521E-15	9.106E-02	5.559E-11	1.713E-16
2.400E+03	1.494E-10	4.181E-01	3.109E-13	8.170E-70	5.591E-15	4.668E-02	1.488E-10	1.731E-16
2.500E+03	3.361E-10	4.645E-01	2.362E-12	2.717E-66	9.490E-15	2.074E-02	3.320E-10	1.285E-16
2.600E+03	6.809E-10	4.852E-01	1.524E-11	5.034E-63	1.399E-14	8.768E-03	6.545E-10	8.372E-17
2.700E+03	1.316E-09	4.986E-01	8.355E-11	5.201E-60	1.963E-14	3.772E-03	1.169E-09	5.384E-17

P/P0 = 3.00E-05

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.400E-65	0.	0.	0.	5.215E-11	1.760E-18	0.
3.000E+02	0.	6.643E-44	5.625E-78	0.	0.	5.851E-11	1.760E-18	0.
4.000E+02	0.	4.420E-33	1.529E-60	0.	0.	4.983E-11	1.760E-18	0.
5.000E+02	0.	1.549E-26	4.243E-50	0.	0.	5.288E-11	1.760E-18	0.
6.000E+02	3.525E-89	3.399E-22	4.286E-43	0.	0.	4.749E-11	1.760E-18	0.
7.000E+02	6.863E-74	9.713E-19	1.968E-38	0.	6.348E-87	2.191E-10	1.760E-18	1.336E-81
8.000E+02	3.280E-61	1.515E-15	1.579E-35	0.	1.597E-72	1.077E-08	1.760E-18	2.817E-68
9.000E+02	2.782E-51	4.934E-13	2.720E-33	0.	3.070E-61	2.515E-07	1.760E-18	8.598E-58
1.000E+03	2.532E-43	5.075E-11	1.684E-31	0.	3.268E-52	3.125E-06	1.760E-18	2.053E-49
1.100E+03	8.216E-37	2.254E-09	4.954E-30	0.	7.937E-45	2.449E-05	1.760E-18	1.470E-42
1.200E+03	2.248E-31	5.329E-08	8.334E-29	0.	1.131E-38	1.359E-04	1.760E-18	7.525E-37
1.300E+03	9.076E-27	7.750E-07	9.117E-28	0.	1.817E-33	5.773E-04	1.759E-18	5.070E-32
1.400E+03	9.135E-23	7.686E-06	7.112E-27	0.	5.245E-29	1.986E-03	1.757E-18	6.913E-28
1.500E+03	1.960E-19	5.600E-05	4.706E-26	0.	3.433E-25	5.748E-03	1.946E-18	2.356E-24
1.600E+03	1.859E-17	3.163E-04	2.370E-24	0.	7.675E-23	1.435E-02	2.033E-17	2.946E-22
1.700E+03	4.030E-16	1.439E-03	1.921E-22	0.	3.459E-21	3.127E-02	4.048E-16	7.860E-21
1.800E+03	5.873E-15	5.408E-03	9.943E-21	0.	9.417E-20	5.964E-02	5.375E-15	1.303E-19
1.900E+03	6.228E-14	1.704E-02	3.427E-19	0.	1.667E-18	9.853E-02	6.228E-14	1.428E-18
2.000E+03	4.944E-13	4.526E-02	8.300E-18	4.988E-87	1.972E-17	1.383E-01	4.944E-13	1.036E-17
2.100E+03	2.937E-12	1.013E-01	1.498E-16	2.746E-82	1.571E-16	1.606E-01	2.987E-12	4.903E-17
2.200E+03	1.385E-11	1.901E-01	2.060E-15	6.234E-78	8.405E-16	1.496E-01	1.385E-11	1.472E-16
2.300E+03	4.960E-11	2.975E-01	2.279E-14	6.755E-74	3.005E-15	1.086E-01	4.956E-11	2.731E-16
2.400E+03	1.397E-10	3.913E-01	2.074E-13	3.884E-70	7.342E-15	6.159E-02	1.393E-10	3.190E-16
2.500E+03	3.249E-10	4.499E-01	1.578E-12	1.251E-66	1.333E-14	2.917E-02	3.221E-10	2.622E-16
2.600E+03	6.671E-10	4.783E-01	1.022E-11	2.298E-63	2.028E-14	1.278E-02	6.493E-10	1.794E-16
2.700E+03	1.284E-09	4.906E-01	5.675E-11	2.414E-60	2.855E-14	5.589E-03	1.184E-09	1.167E-16
2.800E+03	2.437E-09	4.958E-01	2.671E-10	1.436E-57	5.987E-14	2.524E-03	1.954E-09	7.853E-17
2.900E+03	4.788E-09	4.980E-01	1.042E-09	4.702E-55	5.834E-14	1.192E-03	2.858E-09	5.793E-17
3.000E+03	1.000E-08	4.990E-01	3.340E-09	8.491E-53	9.222E-14	5.885E-04	3.656E-09	4.814E-17
3.100E+03	2.187E-08	4.995E-01	9.064E-09	9.141E-51	1.547E-13	3.036E-04	4.194E-09	4.422E-17
3.200E+03	4.830E-08	4.997E-01	2.193E-08	6.555E-49	2.658E-13	1.630E-04	4.502E-09	4.317E-17
3.300E+03	1.052E-07	4.999E-01	4.828E-08	3.408E-47	4.553E-13	9.087E-05	4.660E-09	4.352E-17
3.400E+03	2.241E-07	4.999E-01	9.973E-08	1.344E-45	7.739E-13	5.240E-05	4.707E-09	4.481E-17
3.500E+03	4.699E-07	5.000E-01	1.927E-07	4.037E-44	1.307E-12	3.117E-05	4.631E-09	4.722E-17
3.600E+03	9.841E-07	5.000E-01	3.456E-07	9.526E-43	2.221E-12	1.909E-05	4.389E-09	5.153E-17
3.700E+03	2.095E-06	5.001E-01	5.689E-07	1.680E-41	3.894E-12	1.200E-05	3.950E-09	5.910E-17
3.800E+03	4.573E-06	5.004E-01	8.567E-07	2.247E-40	7.042E-12	7.739E-06	3.358E-09	7.171E-17
3.900E+03	1.017E-05	5.010E-01	1.194E-06	2.349E-39	1.309E-11	5.109E-06	2.721E-09	9.133E-17
4.000E+03	2.264E-05	5.022E-01	1.576E-06	2.920E-38	2.456E-11	3.453E-06	2.148E-09	1.199E-16

P/P0 = 4.00E-05

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.366E-11	1.760E-18	0.
2.000E+02	0.	1.166E-65	0.	0.	0.	4.824E-11	1.760E-18	0.
3.000E+02	0.	5.656E-44	4.955E-78	0.	0.	5.656E-11	1.760E-18	0.
4.000E+02	0.	3.827E-33	1.325E-60	0.	0.	4.981E-11	1.760E-18	0.
5.000E+02	0.	1.314E-26	3.753E-50	0.	0.	5.070E-11	1.760E-18	0.
6.000E+02	2.733E-89	2.994E-22	3.645E-43	0.	0.	4.910E-11	1.760E-18	0.

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	1.148E-25	1.216E-57	1.000E+00	0.	4.000E+02
8.228E-94	0.	0.	0.	2.979E-18	2.906E-45	1.000E+00	0.	5.000E+02
2.067E-74	2.240E-75	0.	0.	2.697E-13	5.697E-37	1.000E+00	0.	6.000E+02
2.706E-61	6.197E-64	0.	0.	3.952E-10	3.613E-32	1.000E+00	1.549E-88	7.000E+02
1.304E-52	1.153E-57	0.	0.	2.456E-18	2.634E-30	1.000E+00	1.051E-76	8.000E+02
6.684E-46	7.048E-53	0.	0.	5.757E-07	6.295E-29	1.000E+00	1.355E-67	9.000E+02
1.565E-40	4.797E-49	0.	9.334E-83	7.154E-06	7.954E-28	1.000E+00	2.631E-60	1.000E+03
3.886E-36	6.602E-46	0.	1.592E-72	5.608E-05	6.349E-27	9.999E-01	2.422E-54	1.100E+03
1.732E-32	2.741E-43	0.	5.351E-64	3.111E-04	3.585E-24	9.995E-01	2.264E-49	1.200E+03
2.262E-29	4.528E-41	0.	8.765E-57	1.321E-03	1.552E-25	9.980E-01	3.640E-45	1.300E+03
1.031E-26	3.626E-39	0.	1.334E-50	4.554E-03	5.450E-25	9.932E-01	1.466E-41	1.400E+03
2.077E-24	1.923E-37	3.641E-55	2.560E-45	1.320E-32	1.911E-24	9.802E-01	1.947E-38	1.500E+03
2.150E-22	6.963E-35	2.625E-89	9.526E-42	3.308E-02	6.353E-23	9.502E-01	1.045E-35	1.600E+03
1.281E-20	1.746E-32	1.851E-83	6.102E-39	7.262E-02	2.995E-21	8.901E-01	2.634E-33	1.700E+03
4.786E-19	5.838E-30	3.244E-78	1.775E-36	1.402E-01	9.366E-20	7.842E-01	3.502E-31	1.800E+03
1.198E-17	7.268E-28	1.724E-73	2.658E-34	2.371E-01	2.007E-18	6.335E-01	2.675E-29	1.900E+03
2.127E-16	5.846E-26	3.456E-69	2.205E-32	3.485E-01	3.105E-17	4.488E-01	1.266E-27	2.000E+03
2.831E-15	3.350E-24	3.201E-65	1.079E-30	4.448E-01	3.656E-16	2.709E-01	4.029E-26	2.100E+03
3.022E-14	1.520E-22	1.669E-61	3.335E-29	5.004E-01	3.498E-15	1.374E-01	9.634E-25	2.200E+03
2.800E-13	6.096E-21	5.871E-58	7.069E-28	5.158E-01	2.938E-14	5.945E-02	1.988E-23	2.300E+03
2.396E-12	2.303E-19	1.545E-54	1.120E-26	5.119E-01	2.298E-13	2.316E-02	3.937E-22	2.400E+03
1.906E-11	7.947E-18	2.928E-51	1.419E-25	5.060E-01	1.681E-12	8.751E-03	7.476E-21	2.500E+03
1.371E-10	2.320E-16	3.613E-48	1.498E-24	5.027E-01	1.109E-11	3.393E-03	1.273E-19	2.600E+03
6.751E-10	5.408E-15	2.692E-45	1.366E-23	5.012E-01	6.375E-11	1.384E-03	1.852E-18	2.700E+03

P/P0 = 3.00E-05

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.122E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	4.178E-38	2.277E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	9.645E-26	1.082E-57	1.000E+00	0.	4.000E+02
5.265E-94	0.	0.	0.	2.383E-18	2.232E-45	1.000E+00	0.	5.000E+02
1.356E-74	1.445E-75	0.	0.	2.184E-13	4.538E-37	1.000E+00	1.303E-88	6.000E+02
2.026E-61	5.216E-64	0.	0.	3.419E-10	3.511E-32	1.000E+00	9.175E-77	7.000E+02
9.951E-53	1.007E-57	0.	0.	2.145E-08	2.633E-30	1.000E+00	1.181E-67	8.000E+02
5.101E-46	6.168E-53	0.	0.	5.029E-07	6.294E-29	1.000E+00	2.298E-60	9.000E+02
1.194E-40	4.191E-49	0.	6.223E-83	6.250E-06	7.959E-28	1.000E+00	2.116E-54	1.000E+03
2.966E-36	5.767E-46	0.	1.061E-72	4.899E-05	6.349E-27	9.999E-01	1.977E-49	1.100E+03
1.368E-32	2.395E-43	0.	3.561E-64	2.718E-04	3.585E-26	9.996E-01	3.180E-45	1.200E+03
1.726E-29	3.955E-41	0.	5.844E-57	1.155E-03	1.552E-25	9.983E-01	1.281E-41	1.300E+03
7.869E-27	1.166E-39	0.	8.899E-51	3.980E-03	5.450E-25	9.940E-01	1.702E-38	1.400E+03
1.586E-24	3.580E-37	3.220E-95	1.815E-45	1.155E-02	1.799E-24	9.826E-01	9.146E-36	1.500E+03
1.643E-22	4.683E-35	1.555E-89	8.266E-42	2.901E-02	4.905E-23	9.563E-01	9.146E-36	1.600E+03
9.802E-21	1.826E-32	1.069E-83	5.374E-39	6.399E-02	2.293E-21	9.033E-01	2.315E-33	1.700E+03
3.672E-19	3.865E-30	1.853E-78	1.579E-36	1.247E-01	7.187E-20	8.103E-01	3.093E-31	1.800E+03
9.236E-18	4.765E-28	9.674E-74	2.401E-34	2.141E-01	1.547E-18	6.703E-01	2.383E-29	1.900E+03
1.647E-16	3.744E-26	1.880E-69	2.036E-32	3.219E-01	2.404E-17	4.945E-01	1.138E-27	2.000E+03
2.194E-15	2.119E-24	1.652E-65	1.025E-30	4.226E-01	2.834E-16	3.155E-01	3.631E-26	2.100E+03
2.319E-14	9.161E-23	7.894E-62	3.260E-29	4.892E-01	2.685E-15	1.711E-01	8.514E-25	2.200E+03
2.089E-13	3.401E-21	2.450E-58	7.052E-28	5.146E-01	2.192E-14	7.932E-02	1.660E-23	2.300E+03
1.715E-12	1.175E-19	5.619E-55	1.126E-26	5.145E-01	1.646E-13	3.268E-02	3.027E-22	2.400E+03
1.318E-11	3.789E-18	9.628E-52	1.423E-25	5.082E-01	1.164E-12	1.277E-02	5.361E-21	2.500E+03
9.291E-11	1.070E-16	1.134E-48	1.492E-24	5.039E-01	7.567E-12	5.000E-03	8.771E-20	2.600E+03
5.877E-10	2.482E-15	8.445E-46	1.342E-23	5.018E-01	4.362E-11	2.066E-03	1.253E-18	2.700E+03
3.311E-09	4.538E-14	3.757E-43	1.080E-22	5.008E-01	2.159E-10	8.946E-04	1.528E-17	2.800E+03
1.667E-08	6.338E-13	9.499E-41	8.171E-22	5.004E-01	8.879E-10	4.088E-04	1.590E-16	2.900E+03
7.561E-08	6.718E-12	1.355E-38	6.010E-21	5.002E-01	2.994E-09	1.964E-04	1.423E-15	3.000E+03
3.116E-07	5.595E-11	1.173E-36	4.262E-20	5.001E-01	8.552E-09	9.906E-05	1.110E-14	3.100E+03
1.177E-06	3.860E-10	6.870E-35	2.833E-19	5.001E-01	2.159E-08	5.210E-05	7.630E-14	3.200E+03
4.105E-06	2.298E-09	2.955E-33	1.734E-18	5.000E-01	4.994E-08	2.850E-05	4.673E-13	3.300E+03
1.331E-05	1.206E-08	9.757E-32	9.754E-18	5.000E-01	1.076E-07	1.615E-05	2.575E-12	3.400E+03
4.038E-05	5.610E-08	2.510E-30	5.100E-17	4.999E-01	2.164E-07	9.460E-06	1.288E-11	3.500E+03
1.192E-04	2.312E-07	4.998E-29	2.527E-16	4.998E-01	4.029E-07	5.709E-06	5.896E-11	3.600E+03
3.106E-04	8.351E-07	7.595E-28	1.212E-15	4.995E-01	6.868E-07	3.340E-06	2.485E-10	3.700E+03
7.944E-04	2.645E-06	8.808E-27	5.701E-15	4.988E-01	1.068E-06	2.250E-06	9.694E-10	3.800E+03
1.931E-03	7.440E-06	8.020E-26	2.614E-14	4.971E-01	1.531E-06	1.462E-06	3.510E-09	3.900E+03
4.468E-03	1.900E-05	6.008E-25	1.150E-13	4.933E-01	2.062E-06	9.683E-07	1.178E-08	4.000E+03

P/P0 = 4.00E-05

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.011E-62	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.681E-38	2.075E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	8.355E-26	9.376E-58	1.000E+00	0.	4.000E+02
4.118E-94	0.	0.	0.	2.108E-18	2.054E-45	1.000E+00	0.	5.000E+02
9.832E-75	1.013E-75	0.	0.	1.860E-13	3.737E-37	1.000E+00	0.	6.000E+02

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
7.000E+02	4.780E-74	8.107E-19	1.768E-38	0.	4.920E-87	2.035E-10	1.760E-18	1.153E-81
8.000E+02	2.236E-61	1.251E-15	1.431E-35	0.	1.201E-72	9.793E-09	1.760E-18	2.377E-68
9.000E+02	1.895E-51	4.073E-13	2.472E-33	0.	2.303E-61	2.285E-07	1.760E-18	7.089E-58
1.000E+03	1.705E-43	4.190E-11	1.530E-31	0.	2.451E-52	2.839E-06	1.760E-18	1.699E-49
1.100E+03	5.598E-37	1.861E-09	4.501E-30	0.	5.953E-45	2.225E-05	1.760E-18	1.213E-42
1.200E+03	1.532E-31	4.399E-08	7.572E-29	0.	8.482E-39	1.235E-04	1.760E-18	6.213E-37
1.300E+03	6.186E-27	6.308E-07	8.283E-28	0.	1.363E-33	5.246E-04	1.760E-18	4.184E-32
1.400E+03	5.545E-23	6.347E-06	6.461E-27	0.	3.936E-29	1.805E-03	1.757E-18	5.719E-28
1.500E+03	1.378E-19	4.626E-05	4.130E-26	0.	2.658E-25	5.230E-03	1.889E-18	2.009E-24
1.600E+03	1.523E-17	2.616E-04	1.794E-24	0.	6.932E-23	1.308E-02	1.697E-17	2.934E-22
1.700E+03	3.338E-16	1.192E-03	1.441E-22	0.	3.166E-21	2.863E-02	3.355E-16	7.947E-21
1.800E+03	4.986E-15	4.499E-03	7.462E-21	0.	8.690E-20	5.504E-02	4.888E-15	1.334E-19
1.900E+03	5.217E-14	1.427E-02	2.567E-19	0.	1.560E-18	9.220E-02	5.218E-14	1.492E-18
2.000E+03	4.199E-13	3.885E-02	6.225E-18	3.317E-87	1.447E-17	1.324E-01	4.189E-13	1.121E-17
2.100E+03	2.575E-12	8.734E-02	1.116E-16	1.792E-82	1.556E-16	1.591E-01	2.575E-12	5.582E-17
2.200E+03	1.224E-11	1.680E-01	1.546E-15	3.970E-78	8.744E-16	1.556E-01	1.223E-11	1.803E-16
2.300E+03	4.524E-11	2.713E-01	1.710E-14	4.166E-74	3.333E-15	1.204E-01	4.521E-11	3.684E-16
2.400E+03	1.319E-10	3.695E-01	1.556E-13	2.314E-70	8.728E-15	7.324E-02	1.316E-10	4.775E-16
2.500E+03	3.151E-10	4.367E-01	1.184E-12	7.264E-67	1.673E-14	3.666E-02	3.130E-10	4.261E-16
2.600E+03	6.560E-10	4.718E-01	7.692E-12	1.318E-63	2.622E-14	1.658E-02	6.425E-10	3.051E-16
2.700E+03	1.264E-09	4.876E-01	4.297E-11	1.393E-60	3.724E-14	7.361E-03	1.188E-09	2.018E-16
2.800E+03	2.370E-09	4.944E-01	2.054E-10	8.517E-58	5.156E-14	3.347E-03	1.998E-09	1.350E-16
2.900E+03	4.536E-09	4.974E-01	8.238E-10	2.943E-55	7.365E-14	1.585E-03	3.009E-09	9.731E-17
3.000E+03	9.169E-09	4.987E-01	2.731E-09	5.678E-53	1.127E-13	7.837E-04	3.982E-09	7.836E-17
3.100E+03	1.952E-08	4.993E-01	7.611E-09	6.447E-51	1.841E-13	4.045E-04	4.694E-09	7.015E-17
3.200E+03	4.243E-08	4.996E-01	1.863E-08	4.777E-49	3.112E-13	2.173E-04	5.123E-09	6.740E-17
3.300E+03	9.151E-08	4.998E-01	4.162E-08	2.532E-47	5.276E-13	1.211E-04	5.355E-09	6.730E-17
3.400E+03	1.934E-07	4.999E-01	8.665E-08	1.015E-45	8.906E-13	6.986E-05	5.452E-09	6.875E-17
3.500E+03	4.015E-07	4.999E-01	1.692E-07	3.149E-44	1.489E-12	4.156E-05	5.419E-09	7.171E-17
3.600E+03	8.275E-07	5.000E-01	3.083E-07	7.577E-43	2.497E-12	2.545E-05	5.219E-09	7.702E-17
3.700E+03	1.722E-06	5.001E-01	5.190E-07	1.398E-41	4.267E-12	1.600E-05	4.635E-09	8.636E-17
3.800E+03	3.664E-06	5.003E-01	8.017E-07	1.968E-40	7.522E-12	1.031E-05	4.189E-09	1.021E-16
3.900E+03	7.966E-06	5.007E-01	1.143E-06	2.152E-39	1.366E-11	6.805E-06	3.470E-09	1.271E-16
4.000E+03	1.746E-05	5.017E-01	1.530E-06	1.908E-38	2.524E-11	4.594E-06	2.778E-09	1.640E-16
4.100E+03	3.791E-05	5.037E-01	1.971E-06	1.444E-37	4.658E-11	3.176E-06	2.197E-09	2.159E-16
4.200E+03	8.024E-05	5.077E-01	2.493E-06	9.764E-37	8.471E-11	2.252E-06	1.754E-09	2.855E-16
4.300E+03	1.634E-04	5.162E-01	3.157E-06	6.147E-36	1.501E-10	1.646E-06	1.441E-09	3.761E-16
4.400E+03	3.165E-04	5.275E-01	4.070E-06	3.733E-35	2.566E-10	1.244E-06	1.242E-09	4.893E-16
4.500E+03	5.779E-04	5.462E-01	5.409E-06	2.250E-34	4.198E-10	9.718E-07	1.134E-09	6.233E-16
4.600E+03	9.902E-04	5.673E-01	7.439E-06	1.366E-33	6.519E-10	7.800E-07	1.098E-09	7.680E-16

P/P0 = 5.00E-05

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.555E-11	1.760E-18	0.
2.000E+02	0.	1.071E-65	0.	0.	0.	5.090E-11	1.760E-18	0.
3.000E+02	0.	4.885E-44	4.590E-78	0.	0.	5.275E-11	1.760E-18	0.
4.000E+02	0.	3.445E-33	1.177E-60	0.	0.	5.047E-11	1.760E-18	0.
5.000E+02	0.	1.150E-26	3.430E-50	0.	0.	4.854E-11	1.760E-18	0.
6.000E+02	2.160E-89	2.661E-22	3.284E-43	0.	0.	4.851E-11	1.760E-18	0.
7.000E+02	3.565E-74	7.001E-19	1.638E-38	0.	3.960E-87	1.897E-10	1.760E-18	1.007E-81
8.000E+02	1.661E-61	1.078E-15	1.331E-35	0.	9.609E-73	9.093E-09	1.760E-18	2.049E-68
9.000E+02	1.408E-51	3.510E-13	2.294E-33	0.	1.842E-61	2.121E-07	1.760E-18	6.109E-58
1.000E+03	1.266E-43	3.611E-11	1.421E-31	0.	1.961E-52	2.636E-06	1.760E-18	1.463E-49
1.100E+03	4.158E-37	1.604E-09	4.179E-30	0.	4.762E-45	2.066E-05	1.760E-18	1.045E-42
1.200E+03	1.178E-31	3.791E-08	7.029E-29	0.	6.786E-39	1.146E-04	1.760E-18	5.354E-37
1.300E+03	4.594E-27	5.514E-07	7.689E-28	0.	1.091E-33	4.871E-04	1.760E-18	3.607E-32
1.400E+03	4.119E-23	5.470E-06	5.998E-27	0.	3.150E-29	1.677E-03	1.758E-18	4.925E-28
1.500E+03	1.043E-19	3.989E-05	3.781E-26	0.	2.167E-25	4.859E-03	1.856E-18	1.766E-24
1.600E+03	1.303E-17	2.297E-04	1.447E-24	0.	6.395E-23	1.217E-02	1.477E-17	2.919E-22
1.700E+03	2.883E-16	1.080E-03	1.153E-22	0.	2.955E-21	2.672E-02	2.901E-16	8.008E-21
1.800E+03	4.234E-15	3.898E-03	5.966E-21	0.	8.157E-20	5.166E-02	4.236E-15	1.356E-19
1.900E+03	4.544E-14	1.243E-02	2.054E-19	0.	1.479E-18	8.741E-02	4.544E-14	1.540E-18
2.000E+03	3.678E-13	3.367E-02	4.980E-18	2.418E-87	1.818E-17	1.276E-01	3.678E-13	1.185E-17
2.100E+03	2.288E-12	7.762E-02	8.922E-17	1.291E-82	1.537E-16	1.571E-01	2.288E-12	6.123E-17
2.200E+03	1.107E-11	1.519E-01	1.237E-15	2.809E-78	8.941E-16	1.591E-01	1.106E-11	2.085E-16
2.300E+03	4.188E-11	2.512E-01	1.368E-14	2.880E-74	3.571E-15	1.290E-01	4.186E-11	4.568E-16
2.400E+03	1.254E-10	3.513E-01	1.245E-13	1.558E-70	9.860E-15	8.275E-02	1.252E-10	6.411E-16
2.500E+03	3.063E-10	4.248E-01	9.479E-13	4.785E-67	1.978E-14	4.337E-02	3.047E-10	6.126E-16
2.600E+03	6.461E-10	4.686E-01	6.165E-12	8.583E-64	3.186E-14	2.019E-02	6.353E-10	4.574E-16
2.700E+03	1.249E-09	4.847E-01	3.458E-11	9.073E-61	4.573E-14	9.091E-03	1.188E-09	3.078E-16
2.800E+03	2.377E-09	4.930E-01	1.669E-10	5.640E-58	6.309E-14	4.161E-03	2.024E-09	2.060E-16
2.900E+03	4.376E-09	4.967E-01	6.823E-10	2.021E-55	8.870E-14	1.975E-03	3.110E-09	1.463E-16
3.000E+03	9.631E-09	4.984E-01	2.319E-09	4.098E-53	1.325E-13	9.784E-04	4.225E-09	1.151E-16
3.100E+03	1.797E-08	4.992E-01	6.611E-09	4.866E-51	2.118E-13	5.053E-04	5.096E-09	1.008E-16
3.200E+03	3.850E-08	4.995E-01	1.642E-08	3.714E-49	3.529E-13	2.715E-04	5.645E-09	9.551E-17
3.300E+03	8.231E-08	4.998E-01	3.701E-08	2.003E-47	5.916E-13	1.514E-04	5.952E-09	9.457E-17
3.400E+03	1.729E-07	4.999E-01	7.754E-08	8.125E-46	9.951E-13	8.731E-05	6.098E-09	9.602E-17
3.500E+03	3.564E-07	4.999E-01	1.524E-07	2.557E-44	1.652E-12	5.195E-05	6.105E-09	9.946E-17
3.600E+03	7.268E-07	5.000E-01	2.808E-07	6.287E-43	2.741E-12	3.181E-05	5.942E-09	1.057E-16
3.700E+03	1.489E-06	5.001E-01	4.802E-07	1.197E-41	4.612E-12	2.000E-05	5.556E-09	1.166E-16

Table II. - Continued.

L	C+	C++	C-	CU	CU+	CU2	C2	T
1.036E-61	4.536E-04	0.	0.	5.073E-10	3.398E-32	1.000E+00	1.133E-38	7.000E+02
8.211E-53	4.141E-53	0.	0.	1.449E-08	2.631E-30	1.000E+00	8.329E-77	8.000E+02
4.211E-40	3.004E-53	0.	0.	4.509E-07	6.246E-29	1.000E+00	1.075E-67	9.000E+02
9.859E-41	3.008E-49	0.	4.667E-83	5.678E-06	7.959E-28	1.000E+00	2.088E-60	1.000E+03
2.448E-30	5.240E-46	0.	7.960E-73	4.451E-05	6.34 E-27	9.999E-01	1.922E-54	1.100E+03
1.129E-24	2.170E-43	0.	2.676E-64	2.470E-04	3.505E-26	9.996E-01	1.797E-49	1.200E+03
1.425E-29	3.553E-41	0.	4.304E-57	1.050E-03	1.552E-25	9.984E-01	2.689E-45	1.300E+03
0.440E-27	2.870E-34	0.	6.677E-51	3.617E-03	5.450E-25	9.940E-01	1.164E-41	1.400E+03
1.309E-24	1.342E-37	3.026E-45	1.405E-45	1.051E-02	1.746E-24	9.842E-01	1.547E-38	1.500E+03
1.357E-22	3.542E-33	1.077E-09	7.433E-42	2.642E-02	4.040E-23	9.602E-01	8.321E-36	1.600E+03
8.105E-21	1.367E-32	7.245E-04	4.907E-39	5.846E-02	1.837E-21	9.117E-01	2.110E-33	1.700E+03
3.042E-19	2.667E-30	1.248E-78	1.451E-36	1.146E-01	5.949E-20	8.259E-01	2.830E-31	1.800E+03
7.073E-18	3.554E-26	6.441E-74	2.228E-34	1.987E-01	1.245E-18	6.948E-01	2.193E-29	1.900E+03
1.373E-16	2.600E-20	1.228E-69	1.718E-32	3.032E-01	2.004E-17	5.261E-01	1.055E-27	2.000E+03
1.833E-15	1.553E-24	1.044E-65	9.838E-31	4.056E-01	2.367E-16	3.430E-01	3.377E-26	2.100E+03
1.5 E-14	6.468E-23	4.732E-62	3.193E-29	4.791E-01	2.233E-15	1.973E-01	7.849E-25	2.200E+03
1.709E-13	2.249E-21	1.356E-58	7.018E-28	5.122E-01	1.794E-14	4.601E-02	1.482E-23	2.300E+03
1.366E-12	7.452E-20	2.823E-55	1.129E-26	5.100E-01	1.312E-13	4.127E-02	2.501E-22	2.400E+03
1.022E-11	2.272E-18	4.464E-52	1.427E-25	5.100E-01	9.036E-13	1.659E-02	4.297E-21	2.500E+03
7.308E-11	0.214E-17	5.023E-49	1.441E-24	5.050E-01	5.784E-12	6.629E-03	6.790E-20	2.600E+03
4.440E-10	1.424E-15	3.703E-40	1.331E-23	5.023E-01	3.327E-11	2.740E-03	9.536E-19	2.700E+03
2.491E-09	2.633E-14	1.681E-43	1.054E-22	5.011E-01	1.666E-10	1.190E-03	1.154E-17	2.800E+03
1.252E-08	3.757E-13	4.733E-41	7.753E-22	5.005E-01	7.031E-10	5.445E-04	1.196E-16	2.900E+03
5.075E-08	4.125E-12	6.006E-34	5.515E-21	5.003E-01	2.453E-09	2.620E-04	1.064E-15	3.000E+03
2.338E-07	3.526E-11	6.211E-37	3.807E-20	5.001E-01	7.184E-09	1.320E-04	8.333E-15	3.100E+03
6.830E-07	2.472E-10	3.756E-35	2.490E-19	5.001E-01	1.843E-08	6.946E-05	5.725E-14	3.200E+03
3.073E-06	1.486E-09	1.047E-33	1.509E-18	5.000E-01	4.305E-08	3.797E-05	3.506E-13	3.300E+03
9.784E-06	7.054E-09	5.524E-32	8.420E-18	5.000E-01	9.349E-08	2.154E-05	1.932E-12	3.400E+03
3.024E-05	3.537E-08	1.451E-30	4.358E-17	5.000E-01	1.893E-07	1.261E-05	9.664E-12	3.500E+03
0.642E-05	1.547E-07	2.983E-28	2.125E-16	4.999E-01	3.594E-07	7.612E-06	4.423E-11	3.600E+03
2.331E-04	5.710E-07	4.742E-28	9.971E-16	4.997E-01	6.267E-07	4.721E-06	1.865E-10	3.700E+03
5.962E-04	1.334E-06	5.742E-27	4.572E-15	4.991E-01	1.000E-06	3.001E-06	7.283E-10	3.800E+03
1.451E-03	3.352E-06	5.523E-26	2.052E-14	4.978E-01	1.467E-06	1.952E-06	2.643E-09	3.900E+03
3.360E-03	1.342E-05	4.279E-25	8.907E-14	4.949E-01	2.011E-06	1.294E-06	8.918E-09	4.000E+03
7.427E-03	3.332E-05	2.816E-24	3.666E-13	4.888E-01	2.624E-06	8.713E-07	2.786E-08	4.100E+03
1.551E-02	7.445E-05	1.632E-23	1.400E-12	4.766E-01	3.303E-06	5.925E-07	7.966E-08	4.200E+03
3.037E-02	1.562E-04	8.543E-23	4.847E-12	4.541E-01	4.035E-06	4.032E-07	2.040E-07	4.300E+03
5.442E-02	3.077E-04	4.103E-22	1.482E-11	4.170E-01	4.788E-06	2.712E-07	4.540E-07	4.400E+03
9.048E-02	5.073E-04	1.029E-21	3.909E-11	3.631E-01	5.495E-06	1.773E-07	8.525E-07	4.500E+03
1.347E-01	9.700E-04	7.016E-21	8.780E-11	2.960E-01	6.304E-06	1.107E-07	1.328E-06	4.600E+03

P/P0 = 5.00E-05

L	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	8.818E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.409E-38	2.061E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	7.423E-26	8.185E-58	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.927E-18	1.905E-45	1.000E+00	0.	5.000E+02
7.903E-15	8.309E-70	0.	0.	1.674E-13	3.405E-37	1.000E+00	0.	6.000E+02
1.404E-01	4.170E-04	0.	0.	2.847E-10	3.376E-32	1.000E+00	1.043E-88	7.000E+02
7.075E-53	4.403E-53	0.	0.	1.809E-08	2.630E-30	1.000E+00	7.724E-77	8.000E+02
3.624E-40	5.202E-53	0.	0.	4.242E-07	6.294E-29	1.000E+00	9.957E-68	9.000E+02
8.496E-41	3.555E-49	0.	3.734E-83	5.271E-06	7.959E-28	1.000E+00	1.938E-60	1.000E+03
2.110E-30	4.004E-46	0.	6.308E-73	4.132E-05	6.348E-27	9.959E-01	1.784E-54	1.100E+03
9.729E-33	2.020E-43	0.	2.133E-64	2.293E-04	3.585E-26	9.957E-01	1.667E-49	1.200E+03
1.228E-24	3.335E-41	0.	3.507E-57	9.747E-04	1.552E-25	9.985E-01	2.682E-45	1.300E+03
5.554E-27	2.604E-34	0.	5.343E-51	3.359E-03	5.450E-25	9.950E-01	1.081E-41	1.400E+03
1.129E-24	1.264E-37	2.417E-45	1.145E-45	9.759E-03	1.715E-24	9.853E-01	1.437E-38	1.500E+03
1.170E-22	2.050E-35	8.114E-50	6.875E-42	2.457E-02	3.557E-23	9.630E-01	7.732E-36	1.600E+03
6.993E-21	1.042E-32	5.563E-84	4.572E-39	5.448E-02	1.637E-21	9.178E-01	1.963E-33	1.700E+03
2.620E-19	2.302E-30	9.189E-74	1.358E-36	1.072E-01	5.144E-20	8.372E-01	2.641E-31	1.800E+03
6.043E-18	2.827E-28	4.706E-74	2.100E-34	1.873E-01	1.113E-18	7.129E-01	2.055E-29	1.900E+03
1.192E-16	2.215E-20	8.652E-70	1.827E-32	2.888E-01	1.740E-17	5.506E-01	9.933E-28	2.000E+03
1.594E-15	1.205E-24	7.360E-66	9.504E-31	3.918E-01	2.059E-16	3.734E-01	3.192E-26	2.100E+03
1.073E-14	4.905E-23	3.213E-62	3.133E-29	7.011E-01	1.938E-15	2.189E-01	7.390E-25	2.200E+03
1.469E-13	1.694E-21	8.694E-54	6.976E-28	5.043E-01	1.541E-14	1.105E-01	1.368E-23	2.300E+03
1.152E-12	5.273E-20	1.685E-55	1.130E-26	5.166E-01	1.106E-13	4.913E-02	2.274E-22	2.400E+03
0.427E-12	1.742E-18	2.493E-52	1.430E-25	5.116E-01	7.457E-13	2.023E-02	3.654E-21	2.500E+03
5.751E-11	4.102E-17	2.693E-46	1.491E-24	5.060E-01	4.707E-12	8.194E-03	5.600E-20	2.600E+03
3.577E-10	9.314E-16	1.955E-46	1.324E-23	5.028E-01	2.696E-11	3.405E-03	7.738E-19	2.700E+03
2.000E-09	1.742E-14	8.901E-44	1.038E-22	5.013E-01	1.358E-10	1.484E-03	9.291E-18	2.800E+03
1.003E-08	2.505E-13	2.464E-41	7.491E-22	5.006E-01	5.832E-10	6.800E-04	4.598E-17	2.900E+03
4.544E-08	2.830E-12	3.436E-39	5.195E-21	5.003E-01	2.085E-09	3.273E-04	8.507E-16	3.000E+03
1.671E-07	2.452E-11	3.753E-37	3.507E-20	5.002E-01	6.243E-09	1.650E-04	6.672E-15	3.100E+03
7.005E-07	1.744E-10	2.337E-35	2.254E-19	5.001E-01	1.625E-08	8.081E-05	4.542E-14	3.200E+03
2.404E-06	1.057E-09	1.042E-33	1.357E-18	5.000E-01	3.829E-08	4.745E-05	2.805E-13	3.300E+03
7.988E-06	5.627E-09	3.540E-32	7.528E-18	5.000E-01	8.366E-08	2.692E-05	1.546E-12	3.400E+03
2.423E-05	2.000E-08	4.266E-21	3.888E-17	5.000E-01	1.712E-07	1.577E-05	7.732E-12	3.500E+03
0.415E-05	1.127E-07	1.480E-24	1.807E-16	4.999E-01	3.274E-07	9.515E-06	3.534E-11	3.600E+03
1.805E-04	4.232E-07	3.249E-20	8.623E-16	4.997E-01	5.800E-07	5.901E-06	1.493E-10	3.700E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
3.800E+03	3.108E-06	5.002E-01	7.561E-07	1.751E-40	7.974E-12	1.289E-05	4.937E-09	1.353E-16
3.900E+03	6.632E-06	5.006E-01	1.098E-06	1.986E-39	1.422E-11	8.502E-06	4.166E-09	1.652E-16
4.000E+03	1.434E-05	5.013E-01	1.490E-06	1.811E-38	2.588E-11	5.735E-06	3.380E-09	2.102E-16
4.100E+03	3.087E-05	5.030E-01	1.934E-06	1.392E-37	4.734E-11	3.958E-06	2.691E-09	2.738E-16
4.200E+03	6.515E-05	5.063E-01	2.450E-06	9.454E-37	8.571E-11	2.799E-06	2.148E-09	3.601E-16
4.300E+03	1.329E-04	5.124E-01	3.088E-06	5.912E-36	1.518E-10	2.035E-06	1.753E-09	4.730E-16
4.400E+03	2.593E-04	5.229E-01	3.941E-06	3.530E-35	2.604E-10	1.528E-06	1.490E-09	6.155E-16
4.500E+03	4.787E-04	5.386E-01	5.161E-06	2.073E-34	4.293E-10	1.186E-06	1.336E-09	7.073E-16
4.600E+03	9.314E-04	5.582E-01	6.986E-06	1.222E-33	6.744E-10	9.473E-07	1.271E-09	9.790E-16
4.700E+03	1.358E-03	5.822E-01	9.753E-06	7.258E-33	1.003E-09	7.710E-07	1.270E-09	1.170E-15
4.800E+03	2.093E-03	6.043E-01	1.393E-05	4.295E-32	1.411E-09	6.310E-07	1.316E-09	1.332E-15
4.900E+03	3.070E-03	6.226E-01	2.015E-05	2.533E-31	1.883E-09	5.147E-07	1.390E-09	1.443E-15

P/P0 = 6.00E-05

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.300E+02	0.	0.	0.	0.	0.	4.627E-11	1.760E-18	0.
2.000E+02	0.	1.008E-65	0.	0.	0.	5.409E-11	1.760E-18	0.
3.000E+02	0.	4.529E-44	4.125E-78	0.	0.	5.441E-11	1.760E-18	0.
4.000E+02	0.	3.178E-33	1.063E-60	0.	0.	5.154E-11	1.760E-18	0.
5.000E+02	0.	1.065E-26	3.085E-50	0.	0.	5.000E-11	1.760E-18	0.
6.000E+02	1.759E-89	2.401E-22	3.033E-43	0.	0.	4.740E-11	1.760E-18	0.
7.000E+02	2.833E-74	6.241E-19	1.531E-38	0.	3.367E-87	1.809E-10	1.760E-18	9.110E-82
8.000E+02	1.303E-61	9.580E-16	1.253E-35	0.	8.013E-73	8.560E-09	1.760E-18	1.818E-68
9.000E+02	1.104E-51	3.108E-13	2.159E-33	0.	1.535E-61	1.996E-07	1.760E-18	5.404E-58
1.000E+03	9.931E-44	3.197E-11	1.337E-31	0.	1.634E-52	2.480E-06	1.760E-18	1.295E-49
1.100E+03	3.260E-37	1.420E-09	3.932E-30	0.	3.968E-45	1.944E-05	1.760E-18	9.258E-43
1.200E+03	8.921E-32	3.357E-08	6.615E-29	0.	5.655E-39	1.079E-04	1.760E-18	4.741E-37
1.300E+03	3.603E-27	4.883E-07	7.236E-28	0.	9.099E-34	4.584E-04	1.760E-18	3.195E-32
1.400E+03	3.231E-23	4.845E-06	5.644E-27	0.	2.626E-29	1.578E-03	1.758E-18	4.364E-28
1.500E+03	8.276E-20	3.533E-05	3.517E-26	0.	1.829E-25	4.576E-03	1.835E-18	1.584E-24
1.600E+03	1.145E-17	2.000E-04	1.216E-24	0.	5.980E-23	1.147E-02	1.319E-17	2.904E-22
1.700E+03	2.558E-16	9.143E-04	9.615E-23	0.	2.791E-21	2.525E-02	2.575E-16	8.055E-21
1.800E+03	3.765E-15	3.467E-03	4.975E-21	0.	7.741E-20	4.903E-02	3.767E-15	1.374E-19
1.900E+03	4.056E-14	1.110E-02	1.711E-19	0.	1.414E-18	8.359E-02	4.056E-14	1.578E-18
2.000E+03	3.303E-13	3.024E-02	4.150E-18	1.871E-87	1.760E-17	1.235E-01	3.304E-13	1.236E-17
2.100E+03	2.075E-12	7.038E-02	7.431E-17	9.886E-83	1.516E-16	1.550E-01	2.075E-12	6.571E-17
2.200E+03	1.017E-11	1.386E-01	1.031E-15	2.123E-78	9.059E-16	1.612E-01	1.017E-11	2.329E-16
2.300E+03	3.919E-11	2.380E-01	1.140E-14	2.138E-74	3.751E-15	1.355E-01	3.917E-11	5.388E-16
2.400E+03	1.198E-10	3.388E-01	1.037E-13	1.133E-70	1.081E-14	9.071E-02	1.196E-10	8.058E-16
2.500E+03	2.984E-10	4.140E-01	7.902E-13	3.412E-67	2.253E-14	4.942E-02	2.970E-10	8.160E-16
2.600E+03	6.371E-10	4.597E-01	5.144E-12	6.052E-64	3.722E-14	2.362E-02	6.280E-10	6.330E-16
2.700E+03	1.237E-09	4.818E-01	2.893E-11	6.388E-61	5.401E-14	1.078E-02	1.185E-09	4.337E-16
2.800E+03	2.296E-09	4.917E-01	1.406E-10	4.013E-58	7.449E-14	4.966E-03	2.040E-09	2.910E-16
2.900E+03	4.265E-09	4.960E-01	5.826E-10	1.476E-55	1.036E-13	2.364E-03	3.183E-09	2.048E-16
3.000E+03	8.252E-09	4.980E-01	2.020E-09	3.111E-53	1.519E-13	1.173E-03	4.413E-09	1.583E-16
3.100E+03	1.686E-08	4.990E-01	5.871E-09	3.839E-51	2.384E-13	6.059E-04	5.428E-09	1.361E-16
3.200E+03	3.564E-08	4.995E-01	1.478E-08	3.009E-49	3.920E-13	3.257E-04	6.096E-09	1.273E-16
3.300E+03	7.560E-08	4.997E-01	3.358E-08	1.649E-47	6.550E-13	1.816E-04	6.479E-09	1.251E-16
3.400E+03	1.580E-07	4.998E-01	7.072E-08	6.760E-46	1.091E-12	1.048E-04	6.674E-09	1.263E-16
3.500E+03	3.239E-07	4.999E-01	1.398E-07	2.150E-44	1.801E-12	6.233E-05	6.717E-09	1.301E-16
3.600E+03	6.554E-07	5.000E-01	2.595E-07	5.369E-43	2.966E-12	3.817E-05	5.588E-09	1.372E-16
3.700E+03	1.327E-06	5.000E-01	4.489E-07	1.046E-41	4.933E-12	2.400E-05	6.233E-09	1.497E-16
3.800E+03	2.729E-06	5.002E-01	7.175E-07	1.577E-40	8.401E-12	1.546E-05	5.622E-09	1.710E-16
3.900E+03	5.734E-06	5.005E-01	1.058E-06	1.845E-39	1.475E-11	1.020E-05	4.816E-09	2.056E-16
4.000E+03	1.224E-05	5.011E-01	1.454E-06	1.724E-38	2.651E-11	6.876E-06	3.955E-09	2.582E-16
4.100E+03	2.614E-05	5.025E-01	1.901E-06	1.346E-37	4.807E-11	4.740E-06	3.171E-09	3.333E-16
4.200E+03	5.498E-05	5.033E-01	2.414E-06	9.201E-37	8.662E-11	3.346E-06	2.535E-09	4.359E-16
4.300E+03	1.122E-04	5.105E-01	3.037E-06	5.738E-36	1.532E-10	2.424E-06	2.061E-09	5.707E-16
4.400E+03	2.199E-04	5.196E-01	3.849E-06	3.387E-35	2.634E-10	1.810E-06	1.735E-09	7.423E-16
4.500E+03	4.091E-04	5.387E-01	4.986E-06	1.953E-34	4.364E-10	1.397E-06	1.535E-09	9.514E-16
4.600E+03	7.182E-04	5.529E-01	6.663E-06	1.124E-33	6.911E-10	1.111E-06	1.438E-09	1.190E-15
4.700E+03	1.186E-03	5.782E-01	9.189E-06	6.520E-33	1.040E-09	9.031E-07	1.419E-09	1.437E-15
4.800E+03	1.850E-03	5.976E-01	1.299E-05	3.777E-32	1.480E-09	7.407E-07	1.456E-09	1.658E-15
4.900E+03	2.740E-03	6.171E-01	1.865E-05	2.189E-31	1.998E-09	6.068E-07	1.530E-09	1.822E-15
5.000E+03	3.890E-03	6.321E-01	2.695E-05	1.235E-30	2.575E-09	4.942E-07	1.626E-09	1.913E-15
5.100E+03	5.342E-03	6.423E-01	3.890E-05	6.743E-30	3.197E-09	4.002E-07	1.736E-09	1.938E-15
5.200E+03	7.150E-03	6.486E-01	5.586E-05	3.530E-29	3.856E-09	3.230E-07	1.853E-09	1.912E-15
5.300E+03	9.378E-03	6.519E-01	7.958E-05	1.763E-28	4.554E-09	2.606E-07	1.977E-09	1.852E-15
5.400E+03	1.210E-02	6.532E-01	1.123E-04	8.391E-28	5.290E-09	2.106E-07	2.105E-09	1.773E-15

P/P0 = 7.00E-05

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.519E-11	1.760E-18	0.
2.000E+02	0.	9.223E-66	0.	0.	0.	5.282E-11	1.760E-18	0.
3.000E+02	0.	4.236E-44	3.780E-78	0.	0.	5.553E-11	1.740E-18	0.
4.000E+02	0.	2.894E-33	1.001E-60	0.	0.	4.984E-11	1.760E-18	0.

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
4.772E-04	1.403E-06	4.124E-27	3.879E-15	4.993E-01	9.438E-07	3.753E-06	5.832E-10	3.800E+03
1.162E-03	4.119E-06	4.084E-26	1.711E-14	4.982E-01	1.411E-06	2.441E-06	2.119E-09	3.900E+03
2.700E-03	1.048E-05	3.259E-25	7.333E-14	4.959E-01	1.964E-06	1.620E-06	7.173E-09	4.000E+03
5.977E-03	2.634E-05	2.188E-24	3.002E-13	4.910E-01	2.590E-06	1.082E-06	2.254E-08	4.100E+03
1.256E-02	5.941E-05	1.284E-23	1.151E-12	4.810E-01	3.285E-06	7.453E-07	6.530E-08	4.200E+03
2.487E-02	1.258E-04	6.766E-23	4.037E-12	4.624E-01	4.041E-06	5.105E-07	1.710E-07	4.300E+03
4.579E-02	2.505E-04	3.263E-22	1.265E-11	4.308E-01	4.831E-06	3.472E-07	3.944E-07	4.400E+03
7.730E-02	4.679E-04	1.457E-21	3.458E-11	3.831E-01	5.600E-06	2.108E-07	7.778E-07	4.500E+03
1.184E-01	8.182E-04	6.079E-21	6.104E-11	3.207E-01	6.259E-06	1.478E-07	1.283E-06	4.600E+03
1.644E-01	1.341E-03	2.383E-20	1.625E-10	2.506E-01	6.713E-06	8.975E-08	1.745E-06	4.700E+03
2.046E-01	2.072E-03	8.819E-20	2.821E-10	1.830E-01	6.896E-06	5.137E-08	2.054E-06	4.800E+03
2.453E-01	3.043E-03	3.095E-19	4.337E-10	1.259E-01	6.808E-06	2.784E-08	2.083E-06	4.900E+03

P/P0 = 6.00E-05

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	7.801E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	.064E-38	1.795E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.705E-58	7.245E-58	1.000E+00	0.	4.000E+02
0.	6.103E-94	0.	0.	1.753E-18	1.716E-45	1.000E+00	0.	5.000E+02
4.791E-75	7.252E-76	0.	0.	1.546E-13	3.218E-37	1.000E+00	0.	6.000E+02
1.227E-61	3.826E-64	0.	0.	2.661E-10	3.309E-32	1.000E+00	9.555E-89	7.000E+02
6.263E-53	7.977E-58	0.	0.	1.702E-08	2.629E-30	1.000E+00	7.269E-77	8.000E+02
3.213E-46	4.896E-53	0.	0.	3.992E-07	6.294E-29	1.000E+00	9.392E-68	9.000E+02
7.524E-41	3.326E-49	0.	3.111E-83	4.960E-06	7.959E-28	1.000E+00	1.824E-60	1.000E+03
1.867E-36	4.577E-46	0.	5.307E-73	3.888E-05	6.348E-27	9.959E-01	1.679E-54	1.100E+03
8.616E-33	1.901E-43	0.	1.782E-64	2.157E-04	3.585E-26	9.997E-01	1.589E-49	1.200E+03
1.088E-29	3.138E-41	0.	2.923E-57	9.173E-04	1.552E-25	9.986E-01	2.524E-45	1.300E+03
4.958E-27	2.511E-39	0.	4.453E-51	3.161E-03	5.450E-25	9.953E-01	1.017E-41	1.400E+03
9.995E-25	1.179E-37	2.847E-95	9.662E-46	9.188E-03	1.695E-24	9.862E-01	1.352E-38	1.500E+03
1.037E-22	2.398E-35	6.461E-90	6.426E-42	2.315E-02	3.177E-23	9.652E-01	7.282E-36	1.600E+03
6.198E-21	9.095E-33	4.195E-84	4.313E-39	5.142E-02	1.452E-21	9.224E-01	1.851E-33	1.700E+03
2.332E-19	1.914E-30	7.154E-79	1.285E-36	1.015E-01	4.563E-20	8.460E-01	2.495E-31	1.800E+03
5.904E-18	2.345E-28	3.645E-74	1.999E-34	1.783E-01	9.890E-19	7.270E-01	1.948E-29	1.900E+03
1.061E-16	1.830E-26	6.787E-70	1.754E-32	2.772E-01	1.550E-17	5.691E-01	9.555E-28	2.000E+03
1.422E-15	9.882E-25	5.547E-66	9.225E-31	3.803E-01	1.836E-16	3.944E-01	2.047E-26	2.100E+03
1.492E-14	4.013E-23	2.355E-62	3.079E-29	4.620E-01	1.727E-15	2.372E-01	7.044E-25	2.200E+03
1.300E-13	1.340E-21	6.109E-59	6.934E-28	5.061E-01	1.364E-14	1.233E-01	1.286E-23	2.300E+03
1.005E-12	4.012E-20	1.118E-55	1.131E-26	5.172E-01	9.449E-14	5.638E-02	2.077E-22	2.400E+03
7.224E-12	1.131E-18	1.560E-52	1.433E-25	5.129E-01	6.396E-13	2.172E-02	3.223E-21	2.500E+03
4.863E-11	2.932E-17	1.626E-49	1.492E-24	5.069E-01	3.986E-12	9.727E-03	4.805E-20	2.600E+03
3.002E-10	6.581E-16	1.162E-46	1.321E-23	5.034E-01	2.271E-11	4.070E-03	6.538E-19	2.700E+03
1.672E-09	1.216E-14	5.345E-44	1.027E-22	5.016E-01	1.148E-10	1.777E-03	7.793E-18	2.800E+03
8.374E-09	1.797E-13	1.504E-41	7.312E-22	5.008E-01	4.988E-10	8.151E-04	8.024E-17	2.900E+03
3.789E-08	2.040E-12	2.494E-39	4.971E-21	5.004E-01	1.818E-09	3.926E-04	7.151E-16	3.000E+03
1.560E-07	1.810E-11	2.465E-37	3.291E-20	5.002E-01	5.546E-09	1.980E-04	5.544E-15	3.100E+03
5.889E-07	1.309E-10	1.578E-35	2.092E-19	5.001E-01	1.463E-08	1.042E-04	3.820E-14	3.200E+03
2.053E-06	7.996E-10	7.152E-34	1.247E-18	5.001E-01	3.474E-08	5.698E-05	2.338E-13	3.300E+03
6.657E-06	4.277E-09	2.454E-32	6.878E-18	5.000E-01	7.631E-08	3.230E-05	1.288E-12	3.400E+03
2.019E-05	2.037E-08	6.606E-31	3.516E-17	5.000E-01	1.570E-07	1.892E-05	6.444E-12	3.500E+03
5.763E-05	4.682E-08	1.409E-29	1.684E-16	4.999E-01	3.025E-07	1.142E-05	2.950E-11	3.600E+03
1.554E-04	3.297E-07	2.367E-28	7.687E-16	4.998E-01	5.423E-07	7.082E-06	1.244E-10	3.700E+03
3.978E-04	1.110E-06	3.097E-27	3.407E-15	4.994E-01	8.959E-07	4.504E-06	4.863E-10	3.800E+03
9.695E-04	3.311E-06	3.164E-26	1.480E-14	4.985E-01	1.361E-06	2.930E-06	1.769E-09	3.900E+03
2.254E-03	8.863E-06	2.592E-25	6.272E-14	4.966E-01	1.919E-06	1.965E-06	5.999E-09	4.000E+03
5.000E-03	2.168E-05	1.772E-24	2.553E-13	4.925E-01	2.556E-06	1.314E-06	1.895E-08	4.100E+03
1.056E-02	4.930E-05	1.052E-23	9.790E-13	4.841E-01	3.264E-06	8.983E-07	5.533E-08	4.200E+03
2.106E-02	1.052E-04	5.582E-23	3.463E-12	4.682E-01	4.038E-06	6.179E-07	1.472E-07	4.300E+03
3.928E-02	2.112E-04	2.703E-22	1.104E-11	4.407E-01	4.856E-06	4.235E-07	3.482E-07	4.400E+03
6.752E-02	3.985E-04	1.210E-21	3.098E-11	3.979E-01	5.671E-06	2.852E-07	7.121E-07	4.500E+03
1.058E-01	7.051E-04	5.054E-21	7.504E-11	3.399E-01	6.400E-06	1.859E-07	1.229E-06	4.600E+03
1.505E-01	1.170E-03	1.983E-20	1.559E-10	2.719E-01	6.945E-06	1.154E-07	1.774E-06	4.700E+03
1.953E-01	1.824E-03	7.342E-20	2.801E-10	2.034E-01	7.227E-06	6.776E-08	2.162E-06	4.800E+03
2.345E-01	2.714E-03	2.577E-19	4.436E-10	1.431E-01	7.222E-06	3.762E-08	2.280E-06	4.900E+03
2.642E-01	3.856E-03	8.608E-19	6.352E-10	9.593E-02	6.974E-06	1.994E-08	2.151E-06	5.000E+03
2.847E-01	5.297E-03	2.743E-18	8.434E-10	6.229E-02	6.564E-06	1.028E-08	1.875E-06	5.100E+03
2.974E-01	7.088E-03	8.366E-18	1.061E-09	3.974E-02	6.071E-06	5.219E-07	1.551E-06	5.200E+03
3.041E-01	9.293E-03	2.448E-17	1.285E-09	2.517E-02	5.556E-06	2.643E-09	1.244E-06	5.300E+03
3.067E-01	1.199E-02	6.887E-17	1.514E-09	1.595E-02	5.052E-06	1.346E-09	9.790E-07	5.400E+03

P/P0 = 7.00E-05

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	7.310E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.807E-38	1.612E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.312E-58	7.056E-58	1.000E+00	0.	4.000E+02



Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
5.000E+02	0.	9.879E-27	2.852E-50	0.	0.	5.017E-11	1.760E-18	0.
6.000E+02	1.539E-09	2.246E-22	2.778E-43	0.	0.	4.839E-11	1.760E-18	0.
7.000E+02	2.347E-74	5.880E-17	1.442E-38	0.	2.961E-87	1.748E-10	1.760E-18	8.507E-82
8.000E+02	1.061E-61	8.618E-16	1.190E-35	0.	6.864E-73	8.131E-09	1.760E-18	1.639E-68
9.000E+02	8.988E-52	2.805E-13	2.051E-33	0.	1.310E-61	1.896E-07	1.760E-18	4.882E-58
1.000E+03	8.086E-44	2.885E-11	1.270E-31	0.	1.708E-52	2.356E-06	1.760E-18	1.170E-49
1.100E+03	2.654E-37	1.281E-09	3.735E-30	0.	3.402E-45	1.847E-04	1.760E-18	8.354E-43
1.200E+03	7.264E-32	3.029E-08	6.283E-29	0.	4.847E-39	1.025E-04	1.760E-18	4.278E-37
1.300E+03	2.934E-27	4.406E-07	6.873E-28	0.	.792E-34	4.355E-04	1.760E-18	2.884E-31
1.400E+03	2.631E-23	4.372E-06	5.361E-27	0.	2.251E-29	1.499E-03	1.758E-18	3.939E-25
1.500E+03	6.795E-20	3.189E-05	3.313E-26	0.	1.581E-25	4.350E-03	1.821E-18	1.442E-24
1.600E+03	1.026E-17	1.806E-04	1.051E-24	0.	5.646E-23	1.092E-02	1.200E-17	2.888E-22
1.700E+03	2.311E-16	8.264E-04	8.244E-23	0.	2.665E-21	2.407E-02	2.328E-16	8.092E-21
1.800E+03	3.409E-15	3.139E-03	4.264E-21	0.	7.403E-20	4.689E-02	3.411E-15	1.388E-19
1.900E+03	3.683E-14	1.008E-02	1.467E-19	0.	1.360E-18	8.042E-02	3.884E-14	1.608E-19
2.000E+03	3.015E-13	2.760E-02	3.557E-18	1.502E-87	1.711E-17	1.200E-01	3.015E-13	1.279E-17
2.100E+03	1.908E-12	6.471E-02	6.391E-17	7.899E-83	1.495E-16	1.529E-01	1.908E-12	6.952E-17
2.200E+03	9.451E-12	1.297E-01	8.822E-16	1.678E-78	9.130E-16	1.625E-01	9.450E-12	2.545E-16
2.300E+03	3.695E-11	2.217E-01	9.776E-15	1.666E-74	3.892E-15	1.406E-01	3.694E-11	6.150E-16
2.400E+03	1.150E-10	3.222E-01	.892E-14	8.672E-71	1.161E-14	9.747E-02	1.148E-10	9.695E-16
2.500E+03	2.912E-10	4.041E-01	6.775E-13	2.570E-67	2.504E-14	5.493E-02	2.900E-10	1.032E-15
2.600E+03	6.257E-10	4.541E-01	4.413E-12	4.510E-64	4.233E-14	2.688E-02	6.209E-10	8.295E-16
2.700E+03	1.226E-09	4.790E-01	2.487E-11	4.748E-61	6.210E-14	1.243E-02	1.182E-09	5.784E-16
2.800E+03	2.272E-09	4.903E-01	1.215E-10	3.003E-58	8.577E-14	5.762E-13	2.051E-09	3.898E-16
2.900E+03	4.182E-09	4.954E-01	5.086E-10	1.126E-55	1.184E-13	2.751E-03	3.237E-09	2.726E-16
3.000E+03	7.970E-09	4.977E-01	1.792E-09	2.449E-53	1.710E-13	1.366E-03	4.564E-09	2.078E-16
3.100E+03	1.602E-08	4.988E-01	5.295E-09	3.123E-51	2.641E-13	7.065E-04	5.709E-09	1.759E-16
3.200E+03	3.345E-08	4.994E-01	1.350E-08	2.508E-49	4.291E-13	3.799E-04	6.492E-09	1.625E-16
3.300E+03	7.043E-08	4.996E-01	3.089E-08	1.395E-47	7.119E-13	2.119E-04	6.953E-09	1.586E-16
3.400E+03	1.465E-07	4.998E-01	6.537E-08	5.776E-46	1.180E-12	1.222E-04	7.196E-09	1.594E-16
3.500E+03	2.990E-07	4.999E-01	1.298E-07	1.953E-44	1.940E-12	7.272E-05	7.275E-09	1.635E-16
3.600E+03	6.015E-07	5.000E-01	2.423E-07	4.682E-43	3.176E-12	4.453E-05	7.178E-09	.714E-16
3.700E+03	1.207E-06	5.000E-01	4.230E-07	9.290E-42	5.235E-12	2.800E-05	6.852E-09	1.853E-16
3.800E+03	2.402E-06	5.001E-01	6.842E-07	1.434E-40	8.808E-12	1.804E-05	6.254E-09	2.092E-16
3.900E+03	5.087E-06	5.004E-01	1.022E-06	1.722E-39	1.526E-11	1.189E-05	5.428E-09	2.482E-16
4.000E+03	1.074E-05	5.010E-01	1.420E-06	1.646E-38	2.711E-11	8.017E-06	4.506E-09	3.080E-16
4.100E+03	2.275E-05	5.021E-01	1.871E-06	1.305E-37	4.978E-11	5.523E-06	3.639E-09	3.943E-16
4.200E+03	4.556E-05	5.045E-01	2.384E-06	8.982E-37	8.748E-11	3.892E-06	2.916E-09	5.128E-16
4.300E+03	9.725E-05	5.091E-01	2.996E-06	5.600E-36	1.544E-10	2.813E-06	2.365E-09	6.694E-16
4.400E+03	1.910E-04	5.172E-01	3.779E-06	3.281E-35	2.657E-10	2.092E-06	1.978E-09	8.696E-16
4.500E+03	3.576E-04	5.300E-01	4.855E-06	1.865E-34	4.418E-10	1.607E-06	1.732E-09	1.116E-15
4.600E+03	6.330E-04	5.478E-01	6.421E-06	1.054E-33	7.042E-10	1.273E-06	1.602E-09	1.402E-15
4.700E+03	1.056E-03	5.694E-01	8.761E-06	5.988E-33	1.068E-09	1.032E-06	1.563E-09	1.706E-15
4.800E+03	1.662E-03	5.919E-01	1.227E-05	3.405E-32	1.536E-09	8.475E-07	1.589E-09	1.989E-15
4.900E+03	2.483E-03	6.122E-01	1.750E-05	1.942E-31	2.096E-09	6.966E-07	1.661E-09	2.211E-15
5.000E+03	3.550E-03	6.283E-01	2.516E-05	1.093E-30	2.725E-09	5.697E-07	1.760E-09	2.348E-15
5.100E+03	4.901E-03	6.397E-01	3.620E-05	5.863E-30	3.408E-09	4.631E-07	1.877E-09	2.400E-15
5.200E+03	6.584E-03	6.470E-01	5.186E-05	3.051E-29	4.133E-09	3.750E-07	2.003E-09	2.384E-15
5.300E+03	8.659E-03	6.511E-01	7.378E-05	1.518E-28	4.999E-09	3.032E-07	2.136E-09	2.322E-15
5.400E+03	1.120E-02	6.529E-01	1.040E-04	7.201E-28	5.706E-09	2.455E-07	2.274E-09	2.231E-15
5.500E+03	1.429E-02	6.530E-01	1.454E-04	3.257E-27	6.558E-09	1.993E-07	2.417E-09	2.125E-15
5.600E+03	1.798E-02	6.519E-01	2.012E-04	1.405E-26	7.451E-09	1.624E-07	2.564E-09	2.011E-15
5.700E+03	2.240E-02	6.498E-01	2.758E-04	5.793E-26	8.383E-09	1.328E-07	2.716E-09	1.993E-15
5.800E+03	2.761E-02	6.468E-01	3.748E-04	2.287E-25	9.346E-09	1.090E-07	2.871E-09	1.775E-15
5.900E+03	3.371E-02	6.430E-01	5.051E-04	8.666E-25	1.033E-08	8.987E-08	3.032E-09	1.658E-15
6.000E+03	4.077E-02	6.384E-01	6.754E-04	3.159E-24	1.132E-08	7.432E-08	3.197E-09	1.541E-15

P/PO = 8.00E-05

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.408E-11	1.760E-18	0.
2.000E+02	0.	8.404E-66	0.	0.	0.	5.011E-11	1.760E-18	0.
3.000E+02	0.	4.022E-44	3.484E-78	0.	0.	5.722E-11	1.760E-18	0.
4.000E+02	0.	2.717E-33	9.328E-61	0.	0.	5.023E-11	1.760E-18	0.
5.000E+02	0.	9.223E-27	2.672E-50	0.	0.	4.998E-11	1.760E-18	0.
6.000E+02	1.335E-99	2.088E-22	2.613E-43	0.	0.	4.798E-11	1.760E-18	0.
7.000E+02	1.971E-74	5.205E-19	1.377E-38	0.	2.605E-87	1.678E-10	1.760E-18	7.838E-82
8.000E+02	8.880E-62	7.885E-16	1.138E-35	0.	6.017E-73	7.780E-09	1.760E-18	1.500E-68
9.000E+02	7.522E-52	2.566E-13	1.962E-33	0.	1.151E-61	1.814E-07	1.760E-18	4.466E-58
1.000E+03	6.767E-44	2.639E-11	1.215E-31	0.	1.223E-52	2.253E-06	1.760E-18	1.070E-49
1.100E+03	2.222E-37	1.172E-09	3.573E-30	0.	2.976E-45	1.766E-05	1.760E-18	7.642E-43
1.200E+03	6.078E-32	2.771E-08	6.010E-29	0.	4.241E-39	9.799E-05	1.760E-18	3.914E-37
1.300E+03	2.455E-27	4.031E-07	6.574E-28	0.	6.819E-34	4.165E-04	1.760E-18	2.633E-32
1.400E+03	2.202E-23	4.000E-06	5.127E-27	0.	1.970E-29	1.434E-03	1.758E-18	3.604E-28
1.500E+03	5.723E-20	2.918E-05	3.150E-26	0.	1.393E-25	4.162E-03	1.810E-10	1.328E-24
1.600E+03	9.327E-18	1.683E-04	9.261E-25	0.	5.368E-23	1.045E-02	1.107E-17	2.872E-22
1.700E+03	2.116E-16	7.570E-04	7.216E-23	0.	2.555E-21	2.308E-02	2.134E-16	8.122E-21
1.800E+03	3.127E-15	2.880E-03	7.731E-21	0.	7.120E-20	4.510E-02	3.127E-15	1.399E-19
1.900E+03	3.387E-14	9.267E-03	1.283E-19	0.	.315E-18	7.774E-02	3.388E-14	1.634E-18
2.000E+03	7.784E-13	2.548E-02	3.113E-18	1.249E-87	1.667E-17	1.169E-04	2.784E-13	1.315E-17
2.100E+03	1.772E-12	6.013E-02	5.592E-17	6.509E-83	1.475E-16	1.508E-04	1.772E-12	7.284E-17

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.378E-44	0.	0.	0.	1.602E-18	1.574E-45	1.000E+00	0.	5.000E+02
5.701E-75	5.962E-76	0.	0.	1.416E-13	2.388E-37	1.000E+00	0.	6.000E+02
1.084E-61	3.512E-64	0.	0.	2.506E-10	3.225E-32	1.000E+00	8.771E-89	7.000E+02
5.651E-53	7.577E-54	0.	0.	1.617E-08	2.629E-30	1.000E+00	6.904E-77	8.000E+02
2.900E-46	4.650E-53	0.	0.	3.792E-07	6.294E-27	1.000E+00	8.921E-68	9.000E+02
6.789E-41	3.160E-49	0.	2.667E-83	4.712E-04	7.959E-28	1.000E+00	1.733E-60	1.000E+03
1.686E-36	4.348E-46	0.	4.549E-73	3.694E-05	6.348E-27	9.999E-01	1.595E-54	1.100E+03
7.774E-33	1.805E-43	0.	1.527E-64	2.049E-04	3.585E-26	9.997E-01	1.491E-49	1.200E+03
9.814E-30	2.981E-41	0.	2.505E-57	8.714E-04	1.552E-25	9.987E-01	2.397E-45	1.300E+03
4.474E-27	2.385E-39	0.	3.818E-51	3.003E-03	5.450E-25	9.955E-01	9.662E-42	1.400E+03
9.020E-25	1.111E-37	2.800E-95	8.353E-46	8.731E-03	1.681E-24	9.869E-01	1.285E-38	1.500E+03
9.356E-23	2.070E-35	5.335E-90	6.064E-42	2.201E-02	2.889E-23	9.649E-01	6.921E-36	1.600E+03
5.547E-21	7.790E-33	3.409E-84	4.105E-39	4.846E-02	1.311E-21	9.261E-01	1.741E-33	1.700E+03
2.108E-19	1.638E-30	5.799E-79	1.225E-36	9.692E-02	4.125E-20	8.531E-01	2.377E-31	1.800E+03
5.343E-18	2.003E-28	2.939E-74	1.917E-34	1.709E-01	8.950E-19	7.386E-01	1.861E-29	1.900E+03
9.623E-17	1.558E-26	5.427E-70	1.693E-32	2.676E-01	1.405E-17	5.848E-01	9.045E-28	2.000E+03
1.291E-15	8.364E-25	4.377E-66	8.935E-31	3.704E-01	1.667E-16	4.120E-01	2.932E-26	2.100E+03
1.354E-14	3.359E-23	1.418E-62	3.030E-29	4.547E-01	1.567E-15	2.531E-01	6.749E-25	2.200E+03
1.174E-13	1.100E-21	4.558E-59	6.890E-28	5.029E-01	1.232E-14	1.348E-01	1.224E-23	2.300E+03
8.974E-13	3.201E-20	7.967E-56	1.131E-26	5.172E-01	8.618E-14	6.313E-02	1.933E-22	2.400E+03
6.358E-12	8.742E-19	1.062E-52	1.436E-25	5.139E-01	5.614E-13	2.706E-02	2.912E-21	2.500E+03
4.228E-11	2.246E-17	1.066E-49	1.493E-24	5.078E-01	3.408E-12	1.123E-02	4.237E-20	2.600E+03
2.591E-10	4.910E-16	7.487E-47	1.318E-23	5.039E-01	1.966E-11	4.726E-03	5.681E-19	2.700E+03
1.438E-09	9.060E-15	3.449E-44	1.020E-22	5.018E-01	9.946E-11	2.049E-03	6.723E-18	2.800E+03
7.189E-09	1.341E-13	9.863E-42	7.182E-22	5.009E-01	4.361E-10	9.499E-04	6.299E-17	2.900E+03
3.251E-08	1.553E-12	1.685E-39	4.805E-21	5.005E-01	1.613E-09	4.577E-04	6.139E-16	3.000E+03
1.338E-07	1.405E-11	1.723E-37	3.128E-20	5.002E-01	5.003E-09	2.309E-04	4.773E-15	3.100E+03
5.049E-07	1.025E-10	1.128E-35	1.964E-19	5.001E-01	1.346E-08	1.215E-04	3.276E-14	3.200E+03
1.760E-06	6.306E-10	5.189E-34	1.162E-18	5.001E-01	3.194E-08	6.647E-05	7.005E-13	3.300E+03
5.707E-06	3.389E-09	1.798E-32	6.378E-18	5.000E-01	7.054E-08	3.769E-05	1.104E-12	3.400E+03
1.731E-05	1.621E-08	4.881E-31	3.246E-17	5.000E-01	1.457E-07	2.207E-05	5.524E-12	3.500E+03
4.940E-05	6.950E-08	1.053E-29	1.545E-16	4.999E-01	2.825E-07	1.332E-05	2.529E-11	3.600E+03
1.332E-04	2.664E-07	1.801E-28	6.993E-16	4.998E-01	5.110E-07	8.262E-06	1.067E-10	3.700E+03
3.411E-04	9.074E-07	2.415E-27	3.063E-15	4.995E-01	8.546E-07	5.255E-06	4.170E-10	3.800E+03
8.315E-04	2.744E-06	2.534E-26	1.314E-14	4.987E-01	1.316E-06	3.420E-06	1.518E-09	3.900E+03
1.935E-03	7.434E-06	2.124E-25	5.508E-14	4.971E-01	1.878E-06	2.271E-06	5.155E-09	4.000E+03
4.298E-03	1.836E-05	1.477E-24	2.228E-13	4.935E-01	2.523E-06	1.535E-06	1.633E-08	4.100E+03
9.102E-03	4.203E-05	8.867E-24	8.537E-13	4.863E-01	3.242E-06	1.051E-06	4.799E-08	4.200E+03
1.827E-02	9.022E-05	4.738E-23	3.036E-12	4.724E-01	4.031E-06	7.254E-07	1.291E-07	4.300E+03
3.439E-02	1.824E-04	2.303E-22	9.802E-12	4.680E-01	4.871E-06	4.999E-07	3.115E-07	4.400E+03
5.997E-02	3.470E-04	1.033E-21	2.805E-11	4.093E-01	5.721E-06	3.399E-07	6.552E-07	4.500E+03
9.566E-02	6.200E-04	4.322E-21	6.976E-11	3.553E-01	6.506E-06	2.246E-07	1.172E-06	4.600E+03
1.388E-01	1.040E-03	1.697E-20	1.493E-10	2.897E-01	7.127E-06	1.420E-07	1.761E-06	4.700E+03
1.838E-01	1.642E-03	6.287E-20	2.763E-10	2.211E-01	7.495E-06	8.510E-08	2.232E-06	4.800E+03
7.244E-01	2.458E-03	2.208E-19	4.491E-10	1.585E-01	7.569E-06	4.824E-08	2.439E-06	4.900E+03
1.566E-01	3.517E-03	7.375E-19	6.568E-10	1.040E-01	7.377E-06	2.607E-08	2.367E-06	5.000E+03
2.795E-01	4.848E-03	2.351E-18	8.861E-10	7.104E-02	6.995E-06	1.362E-08	7.107E-06	5.100E+03
2.941E-01	6.526E-03	7.169E-18	1.127E-09	4.574E-02	6.505E-06	6.990E-09	1.771E-06	5.200E+03
3.024E-01	8.579E-03	2.098E-17	1.376E-09	2.917E-02	5.476E-06	3.567E-09	1.435E-06	5.300E+03
3.061E-01	1.109E-02	5.903E-17	1.631E-09	1.857E-02	5.450E-06	1.827E-09	1.138E-06	5.400E+03
3.065E-01	1.413E-02	1.601E-16	1.890E-09	1.186E-02	4.950E-06	9.437E-10	8.913E-07	5.500E+03
3.045E-01	1.777E-02	4.191E-16	2.152E-09	7.621E-03	4.486E-06	4.932E-10	6.928E-07	5.600E+03
3.005E-01	2.212E-02	1.062E-15	2.413E-09	4.930E-03	4.060E-06	2.610E-10	5.359E-07	5.700E+03
2.948E-01	2.723E-02	2.606E-15	2.668E-09	3.211E-03	3.671E-06	1.398E-10	4.129E-07	5.800E+03
2.875E-01	3.320E-02	6.207E-15	2.912E-09	2.105E-03	3.315E-06	7.581E-11	3.168E-07	5.900E+03
2.787E-01	4.008E-02	1.437E-14	3.135E-09	1.388E-03	2.991E-06	4.153E-11	2.419E-07	6.000E+03

P/P0 = 8.00E-05

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	7.021E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.588E-38	1.443E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	5.883E-26	6.518E-58	1.000E+00	0.	4.000E+02
2.085E-94	0.	0.	0.	1.501E-18	1.487E-45	1.000E+00	0.	5.000E+02
5.032E-75	5.308E-76	0.	0.	1.330E-13	2.737E-37	1.000E+00	0.	6.000E+02
9.877E-64	3.535E-64	0.	0.	2.393E-10	3.208E-32	1.000E+00	8.330E-89	7.000E+02
5.168E-53	7.242E-58	0.	0.	1.546E-08	2.628E-30	1.000E+00	6.599E-77	8.000E+02
2.653E-46	4.448E-53	0.	0.	3.627E-07	6.294E-29	1.000E+00	8.533E-68	9.000E+02
6.211E-41	3.027E-49	0.	2.334E-83	4.507E-06	7.959E-28	1.000E+00	1.657E-60	1.000E+03
1.542E-36	4.159E-46	0.	3.400E-73	3.533E-05	6.348E-27	9.999E-01	1.526E-54	1.100E+03
7.112E-33	1.727E-43	0.	1.338E-64	1.960E-04	3.585E-26	9.957E-01	1.426E-49	1.200E+03
8.978E-30	2.851E-41	0.	2.192E-57	8.334E-04	1.552E-25	9.987E-01	2.293E-45	1.300E+03
4.093E-27	2.261E-39	0.	3.341E-51	2.873E-03	5.450E-25	9.957E-01	9.241E-42	1.400E+03
8.252E-25	1.056E-37	2.765E-95	7.355E-46	8.354E-03	1.671E-24	9.875E-01	1.229E-36	1.500E+03
8.561E-23	4.526E-35	4.526E-90	5.743E-44	2.107E-02	2.663E-23	9.683E-01	6.623E-34	1.600E+03
5.124E-21	6.813E-33	2.845E-84	3.933E-39	4.692E-02	1.201E-21	9.292E-01	1.686E-33	1.700E+03
1.931E-19	1.429E-30	4.833E-79	1.178E-36	9.308E-02	3.779E-20	8.589E-01	2.280E-31	1.800E+03
4.900E-18	1.748E-28	2.439E-74	1.847E-34	1.647E-01	8.208E-19	7.482E-01	1.788E-29	1.900E+03
8.838E-17	1.356E-26	4.476E-70	1.641E-32	2.594E-01	1.290E-17	5.982E-01	8.739E-28	2.000E+03
1.187E-15	7.244E-25	3.570E-66	8.775E-31	3.618E-01	1.533E-16	4.273E-01	2.834E-26	2.100E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
2.200E+03	8.860E-12	1.216E-01	7.751E-16	1.371E-78	9.170E-16	1.632E-01	8.859E-12	2.739E-16
2.300E+03	3.506E-11	2.103E-01	8.573E-15	1.344E-74	4.005E-15	1.447E-01	3.505E-11	6.862E-16
2.400E+03	1.107E-10	3.103E-01	7.781E-14	6.896E-71	1.231E-14	1.033E-01	1.06E-10	1.131E-15
2.500E+03	2.845E-10	3.949E-01	5.930E-13	2.014E-67	7.732E-14	5.996E-02	2.835E-10	1.259E-15
2.600E+03	6.208E-10	4.487E-01	3.864E-12	3.500E-64	4.720E-14	2.999E-02	6.139E-10	1.045E-15
2.700E+03	1.217E-09	4.782E-01	2.180E-11	3.672E-61	7.002E-14	1.474E-02	1.177E-09	7.410E-16
2.800E+03	2.252E-09	4.890E-01	1.069E-10	2.333E-58	9.670E-14	6.549E-03	2.057E-09	5.020E-16
2.900E+03	4.118E-09	4.948E-01	4.513E-10	8.880E-56	1.330E-13	3.136E-03	3.279E-09	3.497E-16
3.000E+03	7.750E-09	4.974E-01	1.611E-09	1.982E-53	1.900E-13	1.559E-03	4.687E-09	2.636E-16
3.100E+03	1.536E-08	4.987E-01	4.831E-09	2.601E-51	2.893E-13	8.069E-04	5.951E-09	2.201E-16
3.200E+03	3.171E-08	4.993E-01	1.245E-08	2.136E-49	4.648E-13	4.340E-04	6.845E-09	2.012E-16
3.300E+03	6.631E-08	4.996E-01	2.871E-08	1.205E-47	7.658E-13	2.421E-04	7.384E-09	1.949E-16
3.400E+03	1.373E-07	4.998E-01	6.102E-08	5.033E-46	1.264E-12	1.396E-04	7.676E-09	1.951E-16
3.500E+03	2.792E-07	4.999E-01	1.216E-07	1.627E-44	2.071E-12	8.310E-05	7.790E-09	1.954E-16
3.600E+03	5.591E-07	4.999E-01	2.281E-07	4.150E-43	3.373E-12	5.088E-05	7.723E-09	2.081E-16
3.700E+03	1.114E-06	5.000E-01	4.011E-07	8.352E-42	5.520E-12	3.199E-05	7.424E-09	2.234E-16
3.800E+03	2.241E-06	5.001E-01	6.552E-07	1.315E-40	9.198E-12	2.061E-05	6.844E-09	2.497E-16
3.900E+03	4.594E-06	5.003E-01	9.894E-07	1.615E-39	1.575E-11	1.359E-05	6.006E-09	2.928E-16
4.000E+03	9.602E-06	5.008E-01	1.389E-06	1.575E-38	2.771E-11	9.158E-06	5.036E-09	3.596E-16
4.100E+03	2.020E-05	5.019E-01	1.843E-06	1.267E-37	4.946E-11	6.303E-06	4.094E-09	4.568E-16
4.200E+03	4.214E-05	5.040E-01	2.356E-06	8.787E-37	8.837E-11	4.438E-06	3.291E-09	5.909E-16
4.300E+03	8.589E-05	5.081E-01	2.962E-06	5.485E-36	1.556E-10	3.701E-06	2.667E-09	7.690E-16
4.400E+03	1.690E-04	5.153E-01	3.723E-06	3.197E-35	2.677E-10	2.00E-06	2.219E-09	9.977E-16
4.500E+03	3.178E-04	5.270E-01	4.753E-06	1.797E-34	4.462E-10	1.006E-06	1.926E-09	1.261E-15
4.600E+03	5.664E-04	5.437E-01	6.231E-06	9.999E-34	7.146E-10	1.433E-06	1.763E-09	1.614E-15
4.700E+03	9.523E-04	5.644E-01	8.424E-06	5.573E-33	1.092E-09	1.159E-06	1.702E-09	1.975E-15
4.800E+03	1.512E-03	5.868E-01	1.171E-05	3.137E-32	1.584E-09	9.520E-07	1.718E-09	2.322E-15
4.900E+03	2.276E-03	6.076E-01	1.658E-05	1.756E-31	2.179E-09	7.843E-07	1.785E-09	2.608E-15
5.000E+03	3.275E-03	6.247E-01	2.373E-05	9.692E-31	2.857E-09	6.437E-07	1.887E-09	2.797E-15
5.100E+03	4.543E-03	6.371E-01	3.403E-05	5.203E-30	3.596E-09	5.251E-07	2.008E-09	2.883E-15
5.200E+03	6.125E-03	6.483E-01	4.866E-05	2.692E-29	4.383E-09	4.264E-07	2.142E-09	2.882E-15
5.300E+03	8.076E-03	6.502E-01	6.913E-05	1.334E-28	5.214E-09	3.456E-07	2.284E-09	2.827E-15
5.400E+03	1.046E-02	6.525E-01	9.739E-05	6.313E-28	6.090E-09	2.802E-07	2.431E-09	2.719E-15
5.500E+03	1.336E-02	6.581E-01	1.360E-04	2.849E-27	7.012E-09	2.278E-07	2.584E-09	2.597E-15
5.600E+03	1.688E-02	6.523E-01	1.880E-04	1.227E-26	7.981E-09	1.858E-07	2.741E-09	2.463E-15
5.700E+03	2.100E-02	6.505E-01	2.577E-04	5.052E-26	8.992E-09	1.521E-07	2.903E-09	2.324E-15
5.800E+03	2.591E-02	6.478E-01	3.500E-04	1.991E-25	1.004E-08	1.250E-07	3.069E-09	2.183E-15
5.900E+03	3.166E-02	6.443E-01	4.714E-04	7.534E-25	1.111E-08	1.031E-07	3.240E-09	2.042E-15
6.000E+03	3.833E-02	6.389E-01	6.300E-04	2.742E-24	1.220E-08	8.537E-08	3.417E-09	1.902E-15
6.100E+03	4.596E-02	6.348E-01	8.358E-04	9.622E-24	1.328E-08	7.089E-08	3.599E-09	1.764E-15
6.200E+03	5.461E-02	6.289E-01	1.101E-03	3.264E-23	1.433E-08	5.903E-08	3.787E-09	1.629E-15
6.300E+03	6.428E-02	6.222E-01	1.443E-03	1.073E-22	1.533E-08	4.928E-08	3.983E-09	1.496E-15
6.400E+03	7.496E-02	6.147E-01	1.881E-03	3.425E-22	1.626E-08	4.122E-08	4.188E-09	1.361E-15
6.500E+03	8.659E-02	6.064E-01	2.439E-03	1.065E-21	1.709E-08	3.455E-08	4.403E-09	1.240E-15

P/P0 = 9.00E-05

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.347E-11	1.760E-18	0.
2.000E+02	0.	8.380E-66	0.	0.	0.	5.607E-11	1.760E-18	0.
3.000E+02	0.	3.734E-44	3.335E-78	0.	0.	5.546E-11	1.760E-18	0.
4.000E+02	0.	2.580E-33	8.733E-61	0.	0.	0.94E-11	1.760E-18	0.
5.000E+02	0.	8.496E-27	2.579E-50	0.	0.	4.771E-11	1.760E-18	0.
6.000E+02	1.190E-89	1.975E-22	2.460E-43	0.	0.	4.812E-11	1.760E-18	0.
7.000E+02	1.702E-74	4.837E-19	1.317E-38	0.	2.351E-87	1.630E-10	1.760E-18	7.394E-82
8.000E+02	7.591E-62	7.290E-16	1.094E-35	0.	5.350E-73	7.482E-09	1.760E-18	1.387E-68
9.000E+02	6.429E-52	2.372E-13	1.896E-33	0.	1.023E-61	1.744E-07	1.760E-18	4.129E-58
1.000E+03	5.784E-44	2.440E-11	1.168E-31	0.	1.089E-52	2.167E-06	1.760E-18	9.892E-50
1.100E+03	1.898E-37	1.084E-09	3.435E-30	0.	2.646E-45	1.698E-05	1.760E-18	7.065E-43
1.200E+03	5.195E-32	2.582E-08	5.778E-29	0.	3.770E-39	9.422E-05	1.760E-18	3.619E-37
1.300E+03	2.099E-27	3.727E-07	4.321E-28	0.	6.061E-34	4.005E-04	1.760E-18	2.439E-32
1.400E+03	1.882E-23	3.698E-06	4.930E-27	0.	1.752E-29	1.379E-03	1.758E-18	3.333E-28
1.500E+03	4.914E-20	2.698E-05	3.015E-26	0.	1.244E-25	4.004E-01	1.602E-18	1.234E-24
1.600E+03	9.567E-18	1.529E-04	8.289E-25	0.	5.131E-23	1.006E-01	1.031E-17	2.857E-22
1.700E+03	1.958E-16	7.007E-04	6.417E-23	0.	2.462E-21	2.224E-02	1.975E-16	8.148E-21
1.800E+03	2.898E-15	2.668E-03	3.317E-21	0.	6.878E-20	4.357E-02	2.900E-15	1.409E-19
1.900E+03	3.146E-14	8.605E-03	1.141E-19	0.	1.276E-18	7.542E-02	3.146E-14	1.456E-18
2.000E+03	2.594E-13	2.375E-02	2.767E-18	1.059E-87	1.622E-17	1.142E-01	2.594E-13	1.347E-17
2.100E+03	1.660E-12	5.632E-02	4.957E-17	5.490E-83	1.456E-16	1.489E-01	1.660E-12	7.571E-17
2.200E+03	8.362E-12	1.148E-01	6.873E-16	1.147E-78	9.190E-16	1.635E-01	8.361E-12	2.914E-16
2.300E+03	3.343E-11	2.006E-01	7.621E-15	1.114E-74	4.097E-15	1.480E-01	3.342E-11	7.530E-16
2.400E+03	1.069E-10	2.987E-01	6.917E-14	5.642E-71	1.291E-14	1.084E-01	1.060E-10	1.484E-15
2.500E+03	2.784E-10	3.864E-01	5.272E-13	1.627E-67	2.943E-14	6.458E-02	2.784E-10	1.492E-15
2.600E+03	6.133E-10	4.435E-01	3.437E-12	2.799E-64	5.185E-14	7.297E-02	6.072E-10	1.718E-15
2.700E+03	1.208E-09	4.736E-01	1.941E-11	2.927E-61	7.775E-14	1.562E-02	1.173E-09	7.005E-16
2.800E+03	2.236E-09	4.877E-01	9.548E-11	1.865E-58	1.077E-13	7.329E-03	2.061E-09	6.273E-16
2.900E+03	4.067E-09	4.941E-01	4.057E-10	7.186E-56	1.476E-13	3.519E-03	3.312E-09	4.359E-16
3.000E+03	7.575E-09	4.971E-01	1.464E-09	1.338E-53	2.087E-13	1.752E-03	4.789E-09	3.256E-16
3.100E+03	1.482E-08	4.985E-01	4.447E-09	2.205E-51	3.140E	9.071E-04	6.162E-09	2.687E-16
3.200E+03	3.029E-08	4.992E-01	1.159E-08	1.850E-49	4.995E-13	4.881E-04	7.163E-09	2.432E-16
3.300E+03	6.292E-08	4.995E-01	2.689E-08	1.057E-47	8.175E-13	2.723E-04	7.780E-09	2.341E-16

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.245E-14	2.883E-23	1.17E-02	2.905E-24	4.480E-01	1.441E-15	2.672E-01	6.543E-25	2.200E+03
1.070E-13	4.274E-22	3.552E-59	6.846E-28	4.957E-01	1.129E-14	1.452E-01	1.174E-23	2.300E+03
8.150E-13	2.641E-20	5.974E-56	1.130E-26	5.169E-01	7.827E-14	6.944E-02	1.822E-22	2.400E+03
5.702E-12	7.021E-19	7.638E-53	1.436E-25	5.148E-01	5.037E-13	3.028E-02	2.677E-21	2.500E+03
3.750E-11	1.740E-17	7.426E-50	1.494E-24	5.036E-01	3.076E-12	1.270E-02	3.809E-20	2.600E+03
2.282E-10	3.815E-16	5.129E-47	1.317E-23	5.043E-01	1.735E-11	5.375E-03	5.038E-19	2.700E+03
1.262E-09	7.019E-15	2.338E-44	1.014E-22	5.021E-01	8.783E-11	2.355E-03	5.921E-18	2.800E+03
6.300E-09	1.044E-13	6.825E-42	7.083E-22	5.010E-01	3.876E-10	1.084E-03	6.055E-17	2.900E+03
2.847E-08	1.224E-12	1.144E-39	4.676E-21	5.005E-01	1.452E-09	5.229E-04	5.380E-16	3.000E+03
1.171E-07	1.122E-11	1.256E-37	3.000E-20	5.003E-01	4.567E-09	2.638E-04	4.180E-15	3.100E+03
4.419E-07	8.277E-11	8.413E-36	1.862E-17	5.001E-01	1.233E-08	1.388E-04	2.808E-14	3.200E+03
1.540E-06	2.129E-10	3.923E-34	1.094E-18	5.001E-01	2.971E-08	7.597E-05	1.755E-13	3.300E+03
4.774E-06	2.709E-09	1.371E-32	5.979E-18	5.000E-01	6.585E-08	4.307E-05	9.664E-13	3.400E+03
1.515E-05	1.329E-08	3.750E-31	3.031E-17	5.000E-01	1.366E-07	2.523E-05	4.834E-12	3.500E+03
4.322E-05	2.725E-08	8.170E-30	1.436E-16	5.000E-01	2.660E-07	1.522E-05	2.213E-11	3.600E+03
1.160E-04	2.210E-07	1.417E-28	6.454E-16	4.998E-01	4.846E-07	9.443E-06	9.335E-11	3.700E+03
2.485E-04	7.004E-07	1.938E-27	2.799E-15	4.996E-01	8.184E-07	6.006E-06	3.650E-10	3.800E+03
7.270E-04	2.323E-06	7.800E-26	1.188E-14	4.994E-01	1.274E-06	3.909E-06	1.329E-09	3.900E+03
1.094E-03	6.370E-06	1.761E-25	4.931E-14	4.974E-01	1.838E-06	2.597E-06	4.520E-09	4.000E+03
3.769E-03	1.580E-05	1.258E-24	1.982E-13	4.943E-01	2.490E-06	1.756E-06	1.435E-08	4.100E+03
8.030E-03	3.656E-05	7.633E-24	7.582E-13	4.879E-01	3.220E-06	1.204E-06	4.237E-08	4.200E+03
1.613E-02	7.891E-05	4.105E-23	2.706E-12	4.756E-01	4.020E-06	8.330E-07	1.150E-07	4.300E+03
3.059E-02	1.004E-04	2.003E-22	8.816E-12	4.538E-01	4.879E-06	5.766E-07	2.816E-07	4.400E+03
5.374E-02	3.073E-04	9.005E-22	2.563E-11	4.185E-01	5.757E-06	3.949E-07	6.060E-07	4.500E+03
6.734E-02	5.550E-04	3.773E-21	6.514E-11	3.679E-01	6.588E-06	2.637E-07	1.117E-06	4.600E+03
1.287E-01	1.360E-04	1.403E-20	1.430E-10	3.048E-01	7.273E-06	1.693E-07	1.735E-06	4.700E+03
1.736E-01	1.472E-03	5.456E-20	2.713E-10	2.366E-01	7.717E-06	1.037E-07	2.277E-06	4.800E+03
2.153E-01	2.251E-03	1.931E-19	4.514E-10	1.725E-01	7.465E-06	5.956E-08	2.567E-06	4.900E+03
2.494E-01	3.443E-03	4.908E-19	6.731E-10	1.193E-01	7.730E-06	3.272E-08	2.556E-06	5.000E+03
2.744E-01	4.502E-03	7.056E-18	9.216E-10	7.940E-02	7.378E-06	1.733E-08	2.321E-06	5.100E+03
2.908E-01	6.069E-03	8.272E-18	1.185E-09	5.156E-02	6.897E-06	8.983E-09	1.979E-06	5.200E+03
3.006E-01	8.000E-03	1.835E-17	1.444E-09	3.308E-02	6.359E-06	4.618E-09	1.620E-06	5.300E+03
3.054E-01	1.036E-02	5.164E-17	1.09E-09	2.116E-02	5.815E-06	2.377E-09	1.294E-06	5.400E+03
3.066E-01	1.321E-02	1.400E-16	1.09E-09	1.356E-02	5.293E-06	1.233E-09	1.019E-06	5.500E+03
3.052E-01	1.665E-02	3.667E-16	2.09E-09	8.737E-03	4.804E-06	6.466E-10	7.958E-07	5.600E+03
3.018E-01	2.074E-02	9.239E-16	2.597E-09	5.666E-03	4.355E-06	3.432E-10	6.180E-07	5.700E+03
2.976E-01	2.550E-02	2.260E-15	2.880E-09	3.700E-03	3.943E-06	1.844E-10	4.780E-07	5.800E+03
2.900E-01	3.119E-02	5.431E-15	3.153E-09	2.432E-03	3.567E-06	1.003E-10	3.683E-07	5.900E+03
2.818E-01	3.770E-02	1.258E-14	3.406E-09	1.638E-03	3.223E-06	5.511E-11	2.825E-07	6.000E+03
2.722E-01	4.512E-02	2.894E-14	3.630E-09	1.068E-03	2.908E-06	3.057E-11	2.155E-07	6.100E+03
2.612E-01	5.350E-02	6.223E-14	3.816E-09	7.119E-04	2.618E-06	1.709E-11	1.632E-07	6.200E+03
2.488E-01	6.263E-02	1.333E-13	3.952E-09	4.757E-04	2.351E-06	9.619E-12	1.226E-07	6.300E+03
2.351E-01	7.307E-02	2.789E-13	4.030E-09	3.183E-04	2.106E-06	5.439E-12	9.113E-08	6.400E+03
2.202E-01	8.415E-02	5.705E-13	4.042E-09	2.129E-04	1.879E-06	3.085E-12	6.694E-08	6.500E+03

P/Pu = 9.00E-05

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
1.945E-04	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
4.460E-05	4.691E-76	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
9.039E-04	3.142E-04	0.	0.	0.	0.	1.000E+00	7.849E-89	7.000E+02
4.777E-53	4.961E-58	0.	0.	0.	0.	1.000E+00	6.342E-77	8.000E+02
2.422E-40	4.276E-53	0.	0.	0.	0.	1.000E+00	8.191E-68	9.000E+02
5.742E-41	2.906E-45	0.	0.	0.	0.	1.000E+00	1.593E-60	1.000E+03
1.426E-36	3.999E-40	0.	0.	0.	0.	1.000E+00	1.467E-54	1.100E+03
6.575E-33	1.600E-43	0.	0.	0.	0.	1.000E+00	1.371E-49	1.200E+03
8.300E-30	2.741E-41	0.	0.	0.	0.	1.000E+00	2.205E-45	1.300E+03
3.764E-27	2.193E-39	0.	0.	0.	0.	1.000E+00	8.681E-42	1.400E+03
7.030E-25	1.011E-37	2.739E-45	6.509E-46	0.035E-03	1.664E-24	9.879E-01	1.182E-38	1.500E+03
7.916E-23	1.632E-35	3.915E-40	5.506E-42	2.027E-02	2.480E-23	9.695E-01	6.371E-36	1.600E+03
4.739E-21	6.056E-33	2.432E-34	3.717E-39	4.519E-02	1.111E-21	9.319E-01	1.623E-33	1.700E+03
1.787E-19	1.268E-30	4.116E-29	1.137E-36	8.980E-02	3.497E-20	8.640E-01	2.147E-31	1.800E+03
4.539E-18	1.550E-28	2.071E-24	1.788E-34	1.594E-01	7.604E-19	7.565E-01	1.727E-29	1.900E+03
8.198E-17	1.200E-26	3.778E-20	1.595E-32	2.522E-01	1.197E-17	6.098E-01	8.460E-28	2.000E+03
7.105E-15	6.4E-25	2.905E-66	8.588E-31	3.541E-01	1.424E-16	4.407E-01	2.751E-26	2.100E+03
1.156E-14	2.512E-23	1.200E-62	2.974E-29	4.419E-01	1.339E-15	2.798E-01	6.351E-25	2.200E+03
9.907E-14	8.026E-22	2.859E-54	6.803E-28	4.966E-01	1.046E-14	1.546E-01	1.134E-23	2.300E+03
7.45E-13	2.236E-20	4.652E-50	1.129E-26	5.165E-01	7.198E-14	7.539E-02	1.734E-22	2.400E+03
5.168E-12	5.803E-14	5.730E-53	1.440E-25	5.156E-01	4.85E-13	3.338E-02	2.493E-21	2.500E+03
3.377E-11	1.101E-17	5.416E-50	1.494E-24	5.094E-01	2.774E-12	1.414E-02	3.476E-20	2.600E+03
2.042E-10	3.056E-16	3.82E-17	1.316E-23	5.048E-01	1.55E-11	6.018E-03	4.533E-19	2.700E+03
1.125E-09	5.035E-15	1.66E-17	1.010E-22	5.023E-01	7.868E-11	2.648E-03	5.296E-18	2.800E+03
5.009E-09	3.70E-14	4.923E-47	7.005E-22	5.012E-01	3.490E-10	1.219E-03	5.399E-17	2.900E+03
2.532E-08	9.901E-13	8.79CE-40	4.573E-21	5.006E-01	1.321E-09	5.879E-04	4.789E-16	3.000E+03
1.041E-07	4.191E-12	9.476E-38	2.897E-20	5.003E-01	4.206E-09	2.967E-04	3.718E-15	3.100E+03
3.921E-07	6.848E-11	6.477E-36	1.779E-19	5.002E-01	1.148E-08	1.562E-04	2.550E-14	3.200E+03
1.309E-06	4.271E-10	3.060E-34	1.038E-18	5.001E-01	2.783E-08	8.545E-05	1.560E-13	3.300E+03

Table II. - Continued.

T	F-	O	O+	O++	O-	O2	O2+	O2-
3.400E+03	1.298E-07	4.997E-01	5.739E-08	4.452E-46	1.344E-12	1.571E-04	8.122E-09	2.334E-16
3.500E+03	2.620E-07	4.999E-01	1.147E-07	1.449E-44	2.194E-12	9.348E-05	8.269E-09	2.378E-16
3.600E+03	5.246E-07	4.999E-01	2.161E-07	3.725E-43	3.561E-12	5.724E-05	8.230E-09	2.471E-16
3.700E+03	1.039E-06	5.000E-01	3.822E-07	7.585E-42	5.793E-12	3.599E-05	7.959E-09	2.637E-16
3.800E+03	2.073E-06	5.001E-01	6.295E-07	1.214E-40	9.572E-12	2.319E-05	7.398E-09	2.923E-16
3.900E+03	4.210E-06	5.003E-01	9.600E-07	1.520E-39	1.624E-11	1.529E-05	6.555E-09	3.395E-16
4.000E+03	8.716E-06	5.007E-01	1.360E-06	1.510E-38	2.829E-11	1.030E-05	5.545E-09	4.130E-16
4.100E+03	1.821E-05	5.017E-01	1.816E-06	1.231E-37	5.014E-11	7.087E-06	4.538E-09	5.206E-16
4.200E+03	3.782E-05	5.036E-01	2.331E-06	8.609E-37	8.909E-11	4.984E-06	3.660E-09	6.702E-16
4.300E+03	7.699E-05	5.072E-01	2.932E-06	5.385E-36	1.566E-10	3.589E-06	2.965E-09	8.695E-16
4.400E+03	1.517E-04	5.138E-01	3.677E-06	3.128E-35	2.695E-10	2.655E-06	2.458E-09	1.126E-15
4.500E+03	2.862E-04	5.245E-01	4.670E-06	1.743E-34	4.499E-10	2.023E-06	2.119E-09	1.446E-15
4.600E+03	5.128E-04	5.402E-01	6.078E-06	9.575E-34	7.233E-10	1.591E-06	1.922E-09	1.826E-15
4.700E+03	8.682E-04	5.602E-01	8.151E-06	5.258E-33	1.111E-09	1.285E-06	1.839E-09	2.244E-15
4.800E+03	1.388E-03	5.823E-01	1.124E-05	2.916E-32	1.624E-09	1.055E-06	1.841E-09	2.658E-15
4.900E+03	2.104E-03	6.035E-01	1.583E-05	1.612E-31	2.252E-09	8.704E-07	1.904E-09	3.011E-15
5.000E+03	3.046E-03	6.213E-01	2.255E-05	8.902E-31	2.973E-09	7.163E-07	2.007E-09	3.257E-15
5.100E+03	4.245E-03	6.347E-01	3.225E-05	4.690E-30	3.765E-09	5.862E-07	2.123E-09	3.383E-15
5.200E+03	5.743E-03	6.427E-01	4.601E-05	2.413E-29	4.611E-09	4.772E-07	2.273E-09	3.403E-15
5.300E+03	7.590E-03	6.492E-01	6.528E-05	1.192E-28	5.505E-09	3.876E-07	2.423E-09	3.345E-15
5.400E+03	9.849E-03	6.521E-01	9.189E-05	5.623E-28	6.446E-09	3.148E-07	2.579E-09	3.236E-15
5.500E+03	1.259E-02	6.531E-01	1.232E-04	2.533E-27	7.436E-09	2.562E-07	2.740E-09	3.098E-15
5.600E+03	1.589E-02	6.526E-01	1.772E-04	1.089E-26	8.475E-09	2.092E-07	2.907E-09	2.944E-15
5.700E+03	1.983E-02	6.511E-01	2.427E-04	4.479E-26	9.562E-09	1.714E-07	3.079E-09	2.782E-15
5.800E+03	2.449E-02	6.486E-01	3.295E-04	1.763E-25	1.069E-08	1.410E-07	3.251E-09	2.618E-15
5.900E+03	2.996E-02	6.453E-01	4.436E-04	6.661E-25	1.185E-08	1.164E-07	3.436E-09	2.453E-15
6.000E+03	3.630E-02	6.413E-01	5.925E-04	2.421E-24	1.302E-08	9.643E-08	3.623E-09	2.289E-15
6.100E+03	4.357E-02	6.364E-01	7.856E-04	8.481E-24	1.419E-08	8.015E-08	3.815E-09	2.128E-15
6.200E+03	5.183E-02	6.308E-01	1.035E-03	2.871E-23	1.534E-08	6.681E-08	4.014E-09	1.968E-15
6.300E+03	6.109E-02	6.244E-01	1.354E-03	9.418E-23	1.645E-08	5.583E-08	4.220E-09	1.812E-15
6.400E+03	7.135E-02	6.172E-01	1.763E-03	2.999E-22	1.748E-08	4.675E-08	4.435E-09	1.659E-15
6.500E+03	8.257E-02	6.093E-01	2.285E-03	9.243E-22	1.842E-08	3.923E-08	4.661E-09	1.510E-15
6.600E+03	9.466E-02	6.006E-01	2.948E-03	2.808E-21	1.924E-08	3.297E-08	4.899E-09	1.366E-15
6.700E+03	1.075E-01	5.912E-01	3.790E-03	8.291E-21	1.991E-08	2.775E-08	5.154E-09	1.228E-15
6.800E+03	1.210E-01	5.811E-01	4.858E-03	2.397E-20	2.042E-08	2.340E-08	5.427E-09	1.096E-15
6.900E+03	1.348E-01	5.705E-01	6.212E-03	6.793E-20	2.075E-08	1.975E-08	5.722E-09	9.724E-16

P/P0 = 1.00E-04

T	F-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.529E-11	1.760E-18	0.
2.000E+02	0.	7.689E-66	0.	0.	0.	5.258E-11	1.760E-18	0.
3.000E+02	0.	3.498E-44	3.205E-78	0.	0.	5.408E-11	1.760E-18	0.
4.000E+02	0.	2.462E-33	8.268E-61	0.	0.	5.115E-11	1.760E-18	0.
5.000E+02	0.	8.076E-27	2.442E-50	0.	0.	4.790E-11	1.760E-18	0.
6.000E+02	1.108E-89	1.905E-22	2.295E-43	0.	0.	4.974E-11	1.760E-18	0.
7.000E+02	1.502E-74	4.544E-19	1.262E-38	0.	2.166E-07	1.598E-10	1.760E-18	7.113E-62
8.000E+02	6.596E-62	6.796E-16	1.056E-35	0.	4.916E-73	7.224E-09	1.760E-18	1.293E-68
9.000E+02	5.586E-52	2.211E-13	1.821E-33	0.	9.211E-62	1.684E-07	1.760E-18	3.849E-58
1.000E+03	5.026E-44	2.275E-11	1.128E-31	0.	9.800E-53	2.092E-06	1.760E-18	9.222E-50
1.100E+03	1.644E-37	1.010E-09	3.317E-30	0.	2.381E-45	1.640E-05	1.750E-18	6.586E-43
1.200E+03	4.514E-32	2.388E-08	5.579E-29	0.	3.393E-39	9.097E-05	1.760E-18	3.373E-37
1.300E+03	1.824E-27	3.474E-07	6.103E-28	0.	5.455E-34	3.867E-04	1.760E-18	2.273E-32
1.400E+03	1.636E-23	3.448E-06	4.760E-27	0.	1.577E-29	1.332E-03	1.758E-18	3.107E-28
1.500E+03	4.286E-20	2.516E-05	2.901E-26	0.	1.124E-25	3.867E-03	1.796E-18	1.155E-24
1.600E+03	7.936E-18	1.426E-04	7.510E-25	0.	4.925E-23	9.722E-03	9.680E-18	2.841E-22
1.700E+03	1.826E-16	6.588E-04	5.777E-23	0.	2.381E-21	2.152E-02	1.844E-16	8.170E-21
1.800E+03	4.077E-15	2.493E-03	2.985E-21	0.	6.668E-20	4.224E-02	2.708E-15	1.418E-19
1.900E+03	2.944E-14	8.053E-03	1.027E-19	0.	1.241E-18	7.338E-02	2.944E-14	1.675E-19
2.000E+03	2.435E-13	2.229E-02	2.490E-18	9.141E-88	1.594E-17	1.118E-01	2.435E-13	1.375E-17
2.100E+03	1.565E-12	5.310E-02	4.459E-17	4.717E-83	1.438E-16	1.470E-01	1.565E-12	7.840E-17
2.200E+03	7.935E-12	1.089E-01	6.176E-16	9.794E-79	9.195E-16	1.636E-01	7.934E-12	3.075E-16
2.300E+03	3.201E-11	1.920E-01	6.845E-15	9.423E-75	4.172E-15	1.508E-01	3.200E-11	8.159E-16
2.400E+03	1.035E-10	2.901E-01	6.226E-14	4.721E-71	1.345E-14	1.129E-01	1.034E-10	1.444E-15
2.500E+03	2.726E-10	3.785E-01	4.745E-13	1.346E-67	3.137E-14	5.886E-02	2.718E-10	1.731E-15
2.600E+03	6.062E-10	4.385E-01	3.094E-12	2.295E-64	5.630E-14	3.581E-02	6.006E-10	1.522E-15
2.700E+03	1.199E-09	4.709E-01	1.750E-11	2.391E-61	8.532E-14	1.717E-02	1.168E-09	1.116E-15
2.800E+03	2.221E-09	4.864E-01	8.625E-11	1.526E-58	1.188E-13	8.099E-03	2.064E-09	7.654E-16
2.900E+03	4.024E-09	4.935E-01	3.685E-10	5.936E-56	1.621E-13	3.900E-03	3.338E-09	5.312E-16
3.000E+03	7.431E-09	4.967E-01	1.343E-09	1.378E-53	2.274E-13	1.944E-03	4.876E-09	3.938E-16
3.100E+03	1.438E-08	4.983E-01	4.125E-09	1.897E-51	3.384E-13	1.007E-03	6.347E-09	3.216E-16
3.200E+03	2.911E-08	4.991E-01	1.085E-08	1.622E-49	5.332E-13	5.421E-04	7.452E-09	2.883E-16
3.300E+03	6.008E-08	4.995E-01	2.534E-08	9.393E-48	8.672E-13	3.025E-04	8.146E-09	2.758E-16
3.400E+03	1.234E-07	4.997E-01	5.430E-08	3.986E-46	1.420E-12	1.745E-04	8.538E-09	2.740E-16
3.500E+03	2.494E-07	4.998E-01	1.089E-07	1.305E-44	2.312E-12	1.039E-04	8.719E-09	2.783E-16
3.600E+03	4.978E-07	4.999E-01	2.058E-07	3.377E-43	3.739E-12	6.360E-05	8.708E-09	2.883E-16
3.700E+03	9.774E-07	5.000E-01	3.657E-07	6.945E-42	6.053E-12	3.999E-05	8.462E-09	3.062E-16
3.800E+03	1.936E-06	5.001E-01	6.066E-07	1.127E-40	9.932E-12	2.576E-05	7.921E-09	3.370E-16
3.900E+03	3.899E-06	5.003E-01	9.330E-07	1.436E-39	1.670E-11	1.698E-05	7.079E-09	3.880E-16
4.000E+03	8.003E-06	5.007E-01	1.333E-06	1.450E-38	2.886E-11	1.144E-05	6.038E-09	4.680E-16
4.100E+03	1.661E-05	5.015E-01	1.791E-06	1.198E-37	5.080E-11	7.870E-06	4.972E-09	5.859E-16

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
4.439E-06	2.315E-09	1.078E-32	5.651E-18	5.000E-01	6.194E-08	4.845E-05	8.591E-13	3.488E+03
1.347E-05	1.115E-08	2.968E-31	2.854E-17	5.000E-01	1.289E-07	2.838E-05	4.297E-12	3.508E+03
3.842E-05	4.822E-08	6.519E-30	1.348E-16	5.000E-01	2.520E-07	1.713E-05	1.967E-11	3.600E+03
1.036E-04	1.872E-07	1.144E-28	6.020E-16	4.999E-01	4.618E-07	1.062E-05	8.299E-11	3.700E+03
2.654E-04	6.496E-07	1.591E-27	2.590E-15	4.996E-01	7.865E-07	6.758E-06	3.244E-10	3.800E+03
6.472E-04	2.007E-06	1.741E-26	1.088E-14	4.990E-01	1.237E-06	4.398E-06	1.182E-09	3.900E+03
1.507E-03	5.549E-06	1.515E-25	4.480E-14	4.977E-01	1.801E-06	2.922E-06	4.024E-09	4.000E+03
3.356E-03	1.393E-05	1.090E-24	1.790E-13	4.949E-01	2.459E-06	1.977E-06	1.280E-08	4.100E+03
7.137E-03	3.229E-05	6.674E-24	6.830E-13	4.892E-01	3.197E-06	1.357E-06	3.793E-08	4.200E+03
1.444E-02	7.005E-05	3.614E-23	2.442E-12	4.782E-01	4.008E-06	9.406E-07	1.037E-07	4.300E+03
2.755E-02	1.431E-04	1.773E-22	8.015E-12	4.584E-01	4.882E-06	6.533E-07	2.570E-07	4.400E+03
4.903E-02	2.758E-04	7.980E-22	2.366E-11	4.259E-01	5.784E-06	4.500E-07	5.632E-07	4.500E+03
8.038E-02	5.001E-04	3.346E-21	6.106E-11	3.788E-01	6.653E-06	3.033E-07	1.044E-06	4.600E+03
1.204E-01	8.527E-04	1.316E-20	1.369E-10	3.177E-01	7.392E-06	1.970E-07	1.702E-06	4.700E+03
1.646E-01	1.369E-03	4.881E-20	2.657E-10	2.504E-01	7.904E-06	1.219E-07	2.302E-06	4.800E+03
2.070E-01	2.080E-03	1.715E-19	4.515E-10	1.853E-01	8.121E-06	7.149E-08	2.669E-06	4.900E+03
2.427E-01	3.015E-03	5.731E-19	6.853E-10	1.299E-01	8.042E-06	3.986E-08	2.722E-06	5.000E+03
2.695E-01	4.205E-03	1.827E-18	1.515E-10	8.738E-02	7.724E-06	2.137E-06	2.519E-06	5.100E+03
2.876E-01	5.690E-03	5.574E-18	1.236E-09	5.721E-02	7.255E-06	1.119E-06	2.177E-06	5.200E+03
2.987E-01	7.518E-03	1.631E-17	1.532E-09	3.693E-02	6.713E-06	5.790E-06	1.799E-06	5.300E+03
3.045E-01	9.751E-03	4.590E-17	1.835E-09	2.372E-02	6.155E-06	2.996E-09	1.448E-06	5.400E+03
3.065E-01	1.246E-02	1.245E-16	2.143E-09	1.525E-02	5.612E-06	1.500E-09	1.146E-06	5.500E+03
3.058E-01	1.571E-02	3.160E-16	2.455E-09	9.849E-03	5.102E-06	8.204E-10	8.982E-07	5.600E+03
3.029E-01	1.958E-02	8.257E-16	2.769E-09	6.401E-03	4.631E-06	4.364E-10	7.001E-07	5.700E+03
2.982E-01	2.416E-02	2.027E-15	3.079E-09	4.189E-03	4.198E-06	2.352E-10	5.434E-07	5.800E+03
2.920E-01	2.951E-02	4.828E-15	3.379E-09	2.759E-03	3.803E-06	1.282E-10	4.201E-07	5.900E+03
2.843E-01	3.570E-02	1.118E-14	3.661E-09	1.828E-03	3.441E-06	7.046E-11	3.235E-07	6.000E+03
2.752E-01	4.274E-02	2.519E-14	3.915E-09	1.218E-03	3.109E-06	3.932E-11	2.478E-07	6.100E+03
2.647E-01	5.079E-02	5.532E-14	4.130E-09	8.142E-04	2.805E-06	2.204E-11	1.887E-07	6.200E+03
2.529E-01	5.974E-02	1.185E-13	4.295E-09	5.460E-04	2.524E-06	1.246E-11	1.425E-07	6.300E+03
2.397E-01	6.959E-02	2.480E-13	4.401E-09	3.666E-04	2.265E-06	7.077E-12	1.066E-07	6.400E+03
2.254E-01	8.028E-02	5.074E-13	4.438E-09	2.463E-04	2.026E-06	4.034E-12	7.889E-08	6.500E+03
2.100E-01	9.171E-02	1.016E-12	4.402E-09	1.653E-04	1.805E-06	2.305E-12	5.763E-08	6.600E+03
1.937E-01	1.037E-01	1.991E-12	4.249E-09	1.107E-04	1.601E-06	1.318E-12	4.148E-08	6.700E+03
1.768E-01	1.161E-01	3.824E-12	4.104E-09	7.395E-05	1.413E-06	7.537E-13	2.939E-08	6.800E+03
1.597E-01	1.286E-01	7.203E-12	3.853E-09	4.920E-05	1.241E-06	4.305E-13	2.047E-08	6.900E+03

P/P0 = 1.00E-04

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	6.132E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.381E-38	1.404E-78	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	5.214E-26	5.677E-58	1.000E+00	0.	4.000E+02
1.744E-94	0.	0.	0.	1.372E-18	1.416E-45	1.000E+00	0.	5.000E+02
3.883E-75	3.950E-76	0.	0.	1.169E-13	2.319E-37	1.000E+00	0.	6.000E+02
8.331E-62	2.940E-64	0.	0.	2.193E-10	3.086E-32	1.000E+00	7.343E-89	7.000E+02
4.452E-53	6.720E-58	0.	0.	1.435E-08	2.627E-30	1.000E+00	6.123E-77	8.000E+02
2.286E-46	4.129E-53	0.	0.	3.367E-07	6.294E-29	1.000E+00	7.921E-68	9.000E+02
5.352E-41	2.805E-49	0.	1.867E-83	4.184E-06	7.959E-28	1.000E+00	1.539E-60	1.000E+03
1.329E-36	3.861E-46	0.	3.184E-73	3.280E-05	6.348E-27	1.000E+00	1.416E-54	1.100E+03
6.129E-33	1.603E-43	0.	1.070E-64	1.820E-04	3.585E-25	9.997E-01	1.324E-49	1.200E+03
7.737E-30	2.647E-41	0.	1.754E-57	7.737E-04	1.552E-25	9.988E-01	2.129E-45	1.300E+03
3.527E-27	2.118E-39	0.	2.673E-51	2.667E-03	5.450E-25	9.960E-01	8.580E-42	1.400E+03
7.113E-25	9.724E-38	2.719E-95	5.935E-46	7.759E-03	1.658E-24	9.8.3E-01	1.141E-38	1.500E+03
7.380E-23	1.479E-35	3.449E-90	5.284E-42	1.959E-02	2.328E-23	9.705E-01	6.153E-36	1.600E+03
4.420E-21	5.444E-33	2.112E-84	3.660E-39	4.369E-02	1.036E-21	9.341E-01	1.568E-33	1.700E+03
1.667E-19	1.142E-30	3.565E-79	1.099E-36	6.696E-02	3.263E-20	8.683E-01	2.125E-31	1.800E+03
4.239E-18	1.322E-28	1.789E-74	1.736E-34	1.548E-01	7.101E-19	7.638E-01	1.673E-29	1.900E+03
7.665E-17	1.076E-26	3.248E-70	1.555E-32	2.459E-01	1.119E-17	6.200E-01	8.216E-28	2.000E+03
1.032E-15	5.704E-25	2.546E-66	8.421E-31	3.472E-01	1.333E-16	4.527E-01	2.678E-26	2.100E+03
1.083E-14	2.240E-23	1.011E-62	2.907E-29	4.362E-01	1.254E-15	2.912E-01	6.186E-25	2.200E+03
9.311E-14	7.049E-22	2.360E-59	6.761E-28	4.935E-01	9.773E-15	1.637E-01	1.099E-23	2.300E+03
6.960E-13	1.930E-20	2.736E-56	1.128E-26	5.159E-01	6.685E-14	8.101E-02	1.661E-22	2.400E+03
4.772E-12	4.906E-19	4.456E-53	1.442E-25	5.162E-01	4.221E-13	3.638E-02	2.344E-21	2.500E+03
3.078E-11	1.170E-17	4.094E-50	1.497E-24	5.101E-01	2.529E-12	1.556E-02	3.209E-20	2.600E+03
1.850E-10	2.509E-16	2.739E-47	1.315E-23	5.053E-01	1.411E-11	6.656E-03	4.137E-19	2.700E+03
1.016E-09	4.584E-15	1.249E-44	1.007E-22	5.026E-01	7.131E-11	2.936E-03	4.797E-18	2.800E+03
5.056E-09	6.461E-14	3.671E-42	6.943E-22	5.013E-01	3.175E-10	1.353E-03	4.874E-17	2.900E+03
2.281E-08	2.182E-13	6.664E-40	4.490E-21	5.006E-01	1.212E-09	6.529E-04	4.317E-16	3.000E+03
9.376E-08	7.677E-12	7.343E-38	2.811E-20	5.003E-01	3.902E-09	3.296E-04	3.349E-15	3.100E+03
3.537E-07	5.774E-11	5.115E-36	1.710E-19	5.002E-01	1.075E-08	1.735E-04	2.296E-14	3.200E+03
1.233E-06	3.624E-10	2.447E-35	9.913E-19	5.001E-01	2.623E-08	9.494E-05	1.404E-13	3.300E+03
3.966E-06	1.972E-09	8.685E-34	5.375E-18	5.001E-01	5.861E-08	5.383E-05	7.733E-13	3.400E+03
1.212E-05	9.525E-09	2.406E-31	2.708E-17	5.000E-01	1.223E-07	3.153E-05	3.868E-12	3.500E+03
3.458E-05	4.132E-08	5.520E-30	1.274E-16	5.000E-01	2.400E-07	1.903E-05	1.771E-11	3.600E+03
9.328E-05	1.613E-07	9.530E-29	5.663E-16	4.999E-01	4.419E-07	1.180E-05	7.470E-11	3.700E+03
2.389E-04	5.635E-07	1.330E-27	2.419E-15	4.996E-01	7.580E-07	7.509E-06	2.922E-10	3.800E+03
5.826E-04	1.756E-06	1.481E-26	1.008E-14	4.991E-01	1.202E-06	4.888E-06	1.065E-09	3.900E+03
1.357E-03	4.898E-06	1.314E-25	4.116E-14	4.980E-01	1.766E-06	3.248E-06	3.626E-09	4.000E+03
3.024E-03	1.239E-05	9.559E-25	1.635E-13	4.954E-01	2.428E-06	2.198E-06	1.155E-08	4.100E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
4.200E+03	3.436E-05	5.032E-01	2.308E-06	8.444E-37	8.987E-11	5.531E-06	4.023E-09	7.506E-16
4.300E+03	6.982E-05	5.065E-01	2.906E-06	5.296E-36	1.576E-10	3.977E-06	3.261E-09	9.709E-16
4.400E+03	1.376E-04	5.125E-01	3.638E-04	3.069E-35	2.710E-10	2.935E-06	2.696E-09	1.256E-15
4.500E+03	2.604E-04	5.225E-01	4.601E-06	1.699E-34	4.531E-10	2.231E-06	2.311E-09	1.612E-15
4.600E+03	4.688E-04	5.372E-01	5.951E-06	9.230E-34	7.306E-10	1.749E-06	2.080E-09	2.038E-15
4.700E+03	7.984E-04	5.564E-01	7.925E-06	5.003E-33	1.128E-09	1.409E-06	1.973E-09	2.514E-15
4.800E+03	1.285E-03	5.782E-01	1.086E-05	2.738E-32	1.658E-09	1.156E-06	1.962E-09	2.995E-15
4.900E+03	1.960E-03	5.996E-01	1.520E-05	1.496E-31	2.315E-09	9.549E-07	2.019E-09	3.418E-15
5.000E+03	2.852E-03	6.181E-01	2.156E-05	8.090E-31	3.078E-09	7.878E-07	2.121E-09	3.727E-15
5.100E+03	3.992E-03	6.323E-01	3.074E-05	4.279E-30	3.920E-09	6.464E-07	2.251E-09	3.898E-15
5.200E+03	5.418E-03	6.421E-01	4.378E-05	2.191E-29	4.822E-09	5.276E-07	2.397E-09	3.944E-15
5.300E+03	7.177E-03	6.483E-01	6.204E-05	1.078E-28	5.775E-09	4.294E-07	2.554E-09	3.893E-15
5.400E+03	9.328E-03	6.516E-01	8.725E-05	5.073E-28	6.778E-09	3.493E-07	2.718E-09	3.778E-15
5.500E+03	1.194E-02	6.529E-01	1.216E-04	2.281E-27	7.834E-09	2.846E-07	2.889E-09	3.625E-15
5.600E+03	1.508E-02	6.528E-01	1.681E-04	9.797E-27	8.941E-09	2.325E-07	3.064E-09	3.451E-15
5.700E+03	1.884E-02	6.515E-01	2.301E-04	4.023E-26	1.010E-08	1.907E-07	3.245E-09	3.267E-15
5.800E+03	2.329E-02	6.493E-01	3.123E-04	1.582E-25	1.130E-08	1.570E-07	3.431E-09	3.078E-15
5.900E+03	2.850E-02	6.462E-01	4.202E-04	5.969E-25	1.254E-08	1.297E-07	3.622E-09	2.889E-15
6.000E+03	3.456E-02	6.424E-01	5.610E-04	2.166E-24	1.380E-08	1.075E-07	3.818E-09	2.701E-15
6.100E+03	4.153E-02	6.378E-01	7.435E-04	7.579E-24	1.506E-08	8.944E-08	4.020E-09	2.514E-15
6.200E+03	4.945E-02	6.324E-01	9.785E-04	2.562E-23	1.631E-08	7.461E-08	4.229E-09	2.330E-15
6.300E+03	5.835E-02	6.263E-01	1.280E-03	8.386E-23	1.751E-08	6.240E-08	4.445E-09	2.149E-15
6.400E+03	6.825E-02	6.194E-01	1.665E-03	2.665E-22	1.865E-08	5.231E-08	4.669E-09	1.973E-15
6.500E+03	7.909E-02	6.117E-01	2.155E-03	8.236E-22	1.969E-08	4.394E-08	4.905E-09	1.800E-15
6.600E+03	9.083E-02	6.033E-01	2.777E-03	2.482E-21	2.060E-08	3.697E-08	5.153E-09	1.633E-15
6.700E+03	1.034E-01	5.942E-01	3.566E-03	7.305E-21	2.137E-08	3.115E-08	5.416E-09	1.472E-15
6.800E+03	1.165E-01	5.844E-01	4.565E-03	2.104E-20	2.198E-08	2.629E-08	5.697E-09	1.318E-15
6.900E+03	1.302E-01	5.740E-01	5.828E-03	5.942E-20	2.240E-08	2.221E-08	6.001E-09	1.173E-15
7.000E+03	1.441E-01	5.632E-01	7.422E-03	1.647E-19	2.263E-08	1.879E-08	6.329E-09	1.037E-15
7.100E+03	1.581E-01	5.518E-01	9.433E-03	4.484E-19	2.266E-08	1.592E-08	6.683E-09	9.106E-16
7.200E+03	1.721E-01	5.400E-01	1.196E-02	1.200E-18	2.251E-08	1.349E-08	7.064E-09	7.946E-16
7.300E+03	1.858E-01	5.277E-01	1.513E-02	3.157E-18	2.219E-08	1.144E-08	7.469E-09	6.892E-16

P/P0 = 2.00E-04

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.597E-11	1.760E-18	0.
2.000E+02	0.	5.436E-66	0.	0.	0.	5.242E-11	1.760E-18	0.
3.000E+02	0.	2.600E-44	1.155E-78	0.	0.	5.975E-11	1.760E-18	0.
4.000E+02	0.	1.694E-33	5.985E-61	0.	0.	4.878E-11	1.760E-18	0.
5.000E+02	0.	5.668E-27	1.743E-50	0.	0.	4.702E-11	1.760E-18	0.
6.000E+02	5.382E-90	1.328E-22	1.646E-43	0.	0.	4.835E-11	1.760E-18	0.
7.000E+02	6.232E-75	2.927E-19	9.795E-39	0.	1.158E-87	1.326E-10	1.760E-18	4.897E-82
8.000E+02	6.221E-62	4.284E-16	8.377E-36	0.	2.410E-73	5.740E-09	1.760E-18	8.165E-69
9.000E+02	2.217E-52	1.393E-13	1.445E-33	0.	4.606E-62	1.336E-07	1.760E-18	2.425E-58
1.000E+03	1.994E-44	1.433E-11	8.949E-32	0.	4.902E-53	1.660E-06	1.760E-18	5.795E-50
1.100E+03	6.548E-38	6.384E-10	2.632E-30	0.	1.190E-45	1.302E-05	1.760E-18	4.149E-43
1.200E+03	1.792E-32	1.504E-08	4.428E-29	0.	1.696E-39	7.221E-05	1.760E-18	2.125E-37
1.300E+03	7.238E-28	2.189E-07	4.844E-28	0.	2.728E-34	3.070E-04	1.760E-18	1.433E-32
1.400E+03	6.494E-24	2.173E-06	3.777E-27	0.	7.890E-30	1.058E-03	1.759E-18	1.962E-28
1.500E+03	1.728E-20	1.587E-05	2.269E-26	0.	5.715E-26	3.076E-03	1.772E-18	7.407E-25
1.600E+03	4.731E-18	9.008E-05	3.979E-25	0.	3.708E-23	7.756E-03	6.478E-18	2.702E-22
1.700E+03	1.154E-16	4.142E-04	2.896E-23	0.	1.906E-21	1.728E-02	1.171E-16	8.288E-21
1.800E+03	1.725E-15	1.589E-03	1.493E-21	0.	5.417E-20	3.432E-02	1.727E-15	1.468E-19
1.900E+03	1.896E-14	5.187E-03	5.134E-20	0.	1.030E-18	6.089E-02	1.896E-14	1.791E-18
2.000E+03	1.595E-13	1.460E-02	1.245E-18	3.482E-88	1.369E-17	9.601E-02	1.596E-13	1.547E-17
2.100E+03	1.053E-12	3.572E-02	2.236E-17	1.753E-83	1.301E-16	1.330E-01	1.053E-12	9.543E-17
2.200E+03	5.542E-12	7.609E-02	3.088E-16	3.506E-79	8.972E-16	1.597E-01	5.542E-12	4.191E-16
2.300E+03	2.354E-11	1.412E-01	3.430E-15	3.201E-75	4.514E-15	1.631E-01	2.354E-11	1.299E-15
2.400E+03	8.136E-11	2.281E-01	3.113E-14	1.502E-71	1.662E-14	1.395E-01	8.131E-11	2.806E-15
2.500E+03	2.309E-10	3.207E-01	2.374E-13	3.975E-68	4.502E-14	9.887E-02	2.304E-10	4.210E-15
2.600E+03	5.848E-10	3.975E-01	1.550E-12	6.331E-65	9.234E-14	5.885E-02	5.455E-10	4.526E-15
2.700E+03	1.132E-09	4.472E-01	8.802E-12	6.372E-62	1.529E-13	3.096E-02	1.116E-09	3.799E-15
2.800E+03	2.128E-09	4.740E-01	4.388E-11	4.054E-59	2.210E-13	1.539E-02	2.047E-09	2.786E-15
2.900E+03	3.804E-09	4.873E-01	1.925E-10	1.640E-56	3.025E-13	7.604E-03	3.443E-09	1.958E-15
3.000E+03	6.725E-09	4.936E-01	7.369E-10	4.178E-54	4.090E-13	3.839E-03	5.319E-09	1.408E-15
3.100E+03	1.218E-08	4.967E-01	2.427E-09	6.591E-52	5.712E-13	2.001E-03	7.445E-09	1.082E-15
3.200E+03	2.304E-08	4.982E-01	6.843E-09	6.464E-50	8.424E-13	1.080E-03	9.383E-09	9.095E-16
3.300E+03	4.519E-08	4.990E-01	1.681E-08	4.146E-48	1.303E-12	6.037E-04	1.081E-08	8.283E-16
3.400E+03	8.989E-08	4.994E-01	7.726E-08	1.878E-46	2.067E-12	3.486E-04	1.171E-08	7.972E-16
3.500E+03	1.778E-07	4.997E-01	7.637E-08	6.421E-45	3.294E-12	2.076E-04	1.223E-08	7.929E-16
3.600E+03	3.463E-07	4.998E-01	1.473E-07	1.730E-43	5.223E-12	1.271E-04	1.246E-08	8.052E-16
3.700E+03	6.651E-07	4.999E-01	2.687E-07	3.749E-42	8.237E-12	7.995E-05	1.243E-08	8.331E-16
3.800E+03	1.269E-06	5.000E-01	4.628E-07	6.563E-41	1.301E-11	5.151E-05	1.278E-08	8.828E-16
3.900E+03	2.430E-06	5.001E-01	7.482E-07	9.257E-40	2.081E-11	3.394E-05	1.155E-08	9.667E-16
4.000E+03	4.721E-06	5.003E-01	1.129E-06	1.041E-38	3.402E-11	2.285E-05	1.02E-08	1.103E-15
4.100E+03	9.325E-06	5.007E-01	1.593E-06	9.490E-38	5.695E-11	1.569E-05	9.42E-09	1.312E-15
4.200E+03	1.860E-05	5.016E-01	2.125E-06	7.181E-37	9.699E-11	1.099E-05	7.385E-09	1.615E-15
4.300E+03	3.702E-05	5.033E-01	2.723E-06	4.680E-36	1.661E-10	7.855E-06	6.073E-09	2.033E-15
4.400E+03	7.257E-05	5.066E-01	3.410E-06	2.728E-35	2.825E-10	5.735E-06	4.995E-09	2.587E-15
4.500E+03	1.385E-04	5.123E-01	4.241E-06	1.472E-34	4.726E-10	4.285E-06	4.777E-09	3.76E-15

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CU2	C2	T
6.441E-03	2.600E-03	5.914E-24	6.223E-13	4.403E-01	5.174E-06	1.510E-06	3.433E-08	4.200F+03
1.337E-02	6.232E-05	1.221E-23	2.226E-12	4.403E-01	3.995E-06	1.048E-06	9.439F-08	4.300E+03
2.506E-02	1.231E-04	1.504E-22	7.556E-12	4.621E-01	4.802E-06	7.300E-07	2.362E-07	4.400E+03
4.444E-02	2.500E-04	7.158E-22	2.137E-11	4.321E-01	5.805E-06	5.053E-07	5.258E-07	4.500E+03
7.446E-02	4.561E-04	3.005E-21	5.746E-11	3.674E-01	6.703E-06	3.430E-07	1.015E-06	4.600E+03
1.129E-01	1.400E-03	1.103E-20	1.512E-10	3.250E-01	7.492E-06	2.252E-07	1.665E-06	4.700E+03
1.505E-01	1.206E-03	4.388E-20	2.599E-10	2.627E-01	8.064E-06	1.412E-07	2.313E-06	4.800E+03
1.443E-01	1.303E-03	1.542E-19	4.500E-10	1.971E-01	8.345E-06	8.393E-08	2.751E-06	4.900E+03
2.363E-01	2.322E-03	5.155E-19	6.443E-10	1.398E-01	8.320E-06	4.743E-08	2.888E-06	5.000E+03
2.647E-01	3.504E-03	1.644E-18	9.766E-10	9.502E-02	8.039E-06	2.573E-08	2.700E-06	5.100E+03
2.644E-01	5.367E-03	5.015E-18	1.261E-09	6.270E-02	7.565E-06	1.359E-08	2.364E-06	5.200E+03
2.647E-01	7.108E-03	1.468E-17	1.599E-09	4.070E-02	7.042E-06	7.080E-09	1.473E-06	5.300E+03
3.035E-01	4.253E-03	4.131E-17	1.424E-09	2.625E-02	6.472E-06	3.681E-09	1.598E-06	5.400E+03
3.003E-01	1.181E-02	1.12CE-16	2.256E-09	1.693E-02	5.912E-06	1.924E-09	1.271E-06	5.500E+03
3.001E-01	1.491E-02	2.934E-16	2.532E-09	1.096E-02	5.382E-06	1.014E-09	1.000E-06	5.600E+03
3.037E-01	1.600E-02	7.431E-16	2.931E-09	7.137E-03	4.891E-06	5.412E-10	7.621E-07	5.700E+03
2.445E-01	2.277E-02	1.024E-15	2.266E-09	4.679E-03	4.439E-06	2.422E-10	6.084E-07	5.800E+03
2.437E-01	2.600E-02	4.346E-15	3.533E-09	3.088E-03	4.026E-06	1.556E-10	4.723E-07	5.900E+03
2.604E-01	3.400E-02	1.006E-14	3.902E-09	2.005E-03	3.647E-06	6.819E-11	3.645E-07	6.000E+03
2.776E-01	4.700E-02	2.266E-14	4.185E-09	1.309E-03	3.300E-06	4.921E-11	2.806E-07	6.100F+03
2.673E-01	5.367E-02	4.406E-14	4.428E-09	9.175E-04	2.981E-06	2.769E-11	2.145E-07	6.200E+03
2.604E-01	7.707E-02	1.007E-13	4.622E-09	6.169E-04	2.647E-06	1.565E-11	1.628E-07	6.300E+03
2.437E-01	5.050E-02	2.233E-13	4.755E-09	4.150E-04	2.416E-06	6.445E-12	1.225E-07	6.400E+03
2.240E-01	7.693E-02	4.508E-13	4.818E-09	2.802E-04	2.165E-06	5.120E-12	4.118E-08	6.500E+03
2.149E-01	9.000E-02	9.146E-13	4.803E-09	1.888E-04	1.934E-06	2.938E-12	6.707E-08	6.600E+03
1.940E-01	9.700E-02	1.773E-13	4.707E-09	1.271E-04	1.720E-06	1.689E-12	4.666E-08	6.700E+03
1.825E-01	1.120E-01	3.445E-12	4.532E-09	8.524E-05	1.522E-06	9.704E-13	3.477E-08	6.800E+03
1.600E-01	1.243E-01	6.432E-12	4.284E-09	5.702E-05	1.341E-06	5.578E-13	2.444E-08	6.900E+03
1.400E-01	1.367E-01	1.200E-11	3.916E-09	3.798E-05	1.174E-06	3.200E-13	1.668E-08	7.000E+03
1.319E-01	1.433E-01	2.118E-11	3.623E-09	2.518E-05	1.023E-06	1.832E-13	1.146E-08	7.100E+03
1.159E-01	1.501E-01	3.352E-11	3.243E-09	1.662E-05	8.859E-07	1.046E-13	7.641E-09	7.200E+03
1.007E-01	1.707E-01	6.795E-11	2.854E-09	1.092E-05	7.626E-07	5.956E-14	5.011E-09	7.300E+03

P/P0 = 2.00E-04

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	4.344E-33	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.577E-26	6.532E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.775E-26	4.317E-58	1.000E+00	0.	4.000E+02
9.881E-45	2.071E-94	0.	0.	9.738E-19	1.023E-45	1.000E+00	0.	5.000E+02
1.497E-75	2.070E-10	0.	0.	8.382E-14	1.710E-37	1.000E+00	0.	6.000E+02
5.020E-64	2.135E-64	0.	0.	1.702E-10	2.847E-32	1.000E+00	5.332E-89	7.000E+02
2.602E-53	3.522E-58	0.	0.	1.138E-08	2.622E-30	1.000E+00	4.843E-77	8.000E+02
1.440E-40	3.255E-43	0.	0.	2.672E-07	6.294E-29	1.000E+00	6.267E-68	9.000E+02
3.572E-31	2.227E-44	0.	9.334E-04	3.321E-06	7.958E-28	1.000E+00	1.221E-60	1.000E+03
6.572E-27	3.064E-43	0.	1.592E-73	2.603E-05	6.348E-27	1.000E+00	1.124E-54	1.100E+03
3.601E-33	1.272E-43	0.	5.352E-05	1.444E-04	3.505E-26	9.948E-01	1.051E-49	1.200E+03
4.674E-30	2.100E-41	0.	3.771E-58	6.142E-04	1.552E-25	9.948E-01	1.690E-45	1.300E+03
2.222E-27	1.087E-39	0.	1.337E-51	2.118E-03	5.450E-25	9.968E-01	6.811E-42	1.400E+03
4.602E-25	7.000E-36	2.637E-45	3.015E-46	6.167E-03	1.035E-24	9.907E-01	9.066E-39	1.500E+03
4.034E-23	7.767E-36	1.530E-40	3.973E-42	1.560E-02	1.355E-23	9.766E-01	4.094E-36	1.600E+03
2.715E-21	2.720E-33	8.352E-05	2.920E-39	3.497E-02	6.564E-22	9.473E-01	1.251E-33	1.700E+03
1.030E-19	3.677E-31	1.390E-74	6.874E-37	7.023E-02	2.067E-20	8.939E-01	1.705E-31	1.800E+03
2.699E-18	6.677E-29	6.802E-75	1.424E-34	1.270E-01	4.521E-19	8.069E-01	1.356E-29	1.900E+03
4.914E-17	2.240E-27	1.213E-70	1.307E-32	2.066E-01	7.175E-18	6.826E-01	6.756E-28	2.000E+03
6.809E-16	2.740E-25	9.099E-67	7.320E-31	3.018E-01	8.616E-17	5.254E-01	2.236E-26	2.100E+03
7.026E-15	1.740E-23	3.361E-63	2.635E-29	3.954E-01	8.135E-16	3.688E-01	5.209E-25	2.200E+03
5.995E-14	3.000E-22	7.024E-60	6.404E-28	4.675E-01	6.243E-15	2.261E-01	9.116E-24	2.300E+03
4.351E-13	7.677E-21	9.453E-57	1.136E-26	5.074E-01	4.140E-14	1.252E-01	1.299E-22	2.400E+03
2.626E-12	1.717E-19	9.189E-54	1.447E-25	5.185E-01	2.507E-13	6.194E-02	1.646E-21	2.500E+03
1.715E-11	3.603E-18	6.457E-51	1.505E-24	5.152E-01	1.412E-12	2.849E-02	1.992E-20	2.600E+03
9.813E-11	7.092E-17	4.079E-48	1.317E-23	5.091E-01	7.531E-12	1.274E-02	2.329E-19	2.700E+03
5.735E-10	1.233E-15	1.754E-45	9.938E-23	5.048E-01	3.739E-11	5.748E-03	2.547E-18	2.800E+03
5.606E-09	1.062E-14	5.213E-43	6.662E-22	5.025E-01	1.683E-10	2.678E-03	2.512E-17	2.900E+03
1.147E-08	2.277E-13	1.025E-40	4.095E-21	5.015E-01	6.702E-10	1.249E-03	2.192E-16	3.000E+03
4.707E-06	2.275E-12	1.285E-38	2.390E-20	5.007E-01	2.306E-09	6.574E-04	1.688E-15	3.100E+03
1.772E-07	1.026E-11	1.623E-36	1.336E-19	5.006E-01	6.794E-09	3.465E-04	1.153E-14	3.200E+03
6.170E-07	1.240E-10	5.412E-35	7.466E-19	5.002E-01	1.744E-08	1.897E-04	7.018E-14	3.300E+03
1.499E-06	6.773E-10	2.649E-33	3.917E-18	5.001E-01	4.025E-08	1.076E-04	3.877E-13	3.400E+03
6.062E-06	3.533E-09	5.252E-32	1.931E-17	5.001E-01	8.581E-08	6.705E-05	1.736E-12	3.500E+03
1.730E-05	1.503E-08	1.363E-30	8.900E-17	5.000E-01	1.718E-07	3.805E-05	8.899E-12	3.600E+03
4.006E-05	5.926E-08	2.546E-29	3.855E-16	5.000E-01	3.248E-07	2.361E-05	3.738E-11	3.700E+03
1.155E-04	2.151E-07	3.813E-28	1.586E-15	4.998E-01	5.786E-07	1.502E-05	1.403E-10	3.800E+03
2.917E-04	7.052E-07	4.771E-27	6.241E-15	4.996E-01	4.654E-07	9.780E-06	5.336E-10	3.900E+03
6.006E-04	2.062E-06	4.735E-26	2.435E-14	4.990E-01	1.500E-06	6.505E-06	1.823E-09	4.000E+03
1.521E-03	5.500E-06	3.815E-25	4.234E-14	4.977E-01	2.173E-06	4.410E-06	5.847E-09	4.100E+03
3.262E-03	1.351E-05	2.556E-24	3.412E-13	4.957E-01	2.960E-06	3.040E-06	1.762E-08	4.200E+03
6.706E-03	3.049E-05	1.470E-23	1.212E-12	4.899E-01	3.843E-06	2.125E-06	4.973E-08	4.300E+03
1.317E-02	5.435E-05	7.484E-23	4.074E-12	4.801E-01	4.609E-06	1.459E-06	1.305E-07	4.400E+03
2.455E-02	1.264E-04	3.455E-22	1.271E-11	4.624E-01	5.846E-06	1.062E-06	3.139E-07	4.500E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
4.600E+03	2.548E-04	5.215E-01	5.314E-06	7.580E-34	7.711E-10	3.296E-06	3.605E-09	4.176E-15
4.700E+03	4.484E-04	5.351E-01	6.784E-06	3.821E-33	1.218E-09	2.605E-06	3.249E-09	5.224E-15
4.800E+03	7.505E-04	5.529E-01	8.885E-06	1.918E-32	1.852E-09	2.113E-06	3.071E-09	6.399E-15
4.900E+03	1.193E-03	5.734E-01	1.194E-05	9.655E-32	2.694E-09	1.746E-06	3.033E-09	7.607E-15
5.000E+03	1.804E-03	5.941E-01	1.639E-05	4.861E-31	3.741E-09	1.455E-06	3.098E-09	8.708E-15
5.100E+03	2.609E-03	6.126E-01	2.279E-05	2.428E-30	4.963E-09	1.214E-06	3.234E-09	9.565E-15
5.200E+03	3.633E-03	6.275E-01	3.191E-05	1.190E-29	6.320E-09	1.008E-06	3.415E-09	1.010E-14
5.300E+03	4.907E-03	6.384E-01	4.468E-05	5.677E-29	7.776E-09	8.329E-07	3.623E-09	1.032E-14
5.400E+03	6.467E-03	6.456E-01	6.234E-05	2.615E-28	9.313E-09	6.858E-07	3.850E-09	1.029E-14
5.500E+03	8.362E-03	6.500E-01	8.645E-05	1.157E-27	1.092E-08	5.641E-07	4.088E-09	1.006E-14
5.600E+03	1.064E-02	6.522E-01	1.190E-04	4.914E-27	1.261E-08	4.642E-07	4.335E-09	9.724E-15
5.700E+03	1.337E-02	6.528E-01	1.624E-04	1.999E-26	1.437E-08	3.829E-07	4.589E-09	9.314E-15
5.800E+03	1.662E-02	6.522E-01	2.198E-04	7.800E-26	1.620E-08	3.167E-07	4.851E-09	8.866E-15
5.900E+03	2.044E-02	6.506E-01	2.950E-04	2.922E-25	1.811E-08	2.629E-07	5.120E-09	8.400E-15
6.000E+03	2.491E-02	6.482E-01	3.929E-04	1.052E-24	2.007E-08	2.190E-07	5.395E-09	7.927E-15
6.100E+03	3.009E-02	6.451E-01	5.190E-04	3.651E-24	2.208E-08	1.830E-07	5.677E-09	7.454E-15
6.200E+03	3.604E-02	6.413E-01	6.808E-04	1.223E-23	2.410E-08	1.534E-07	5.967E-09	6.985E-15
6.300E+03	4.290E-02	6.368E-01	8.871E-04	3.962E-23	2.612E-08	1.290E-07	6.264E-09	6.520E-15
6.400E+03	5.043E-02	6.316E-01	1.149E-03	1.244E-22	2.810E-08	1.088E-07	6.571E-09	6.063E-15
6.500E+03	5.894E-02	6.257E-01	1.479E-03	3.793E-22	3.001E-08	9.194E-08	6.887E-09	5.614E-15
6.600E+03	6.832E-02	6.191E-01	1.895E-03	1.125E-21	3.181E-08	7.786E-08	7.214E-09	5.174E-15
6.700E+03	7.855E-02	6.118E-01	2.416E-03	3.255E-21	3.345E-08	6.605E-08	7.555E-09	4.744E-15
6.800E+03	8.958E-02	6.038E-01	3.068E-03	9.196E-21	3.491E-08	5.612E-08	7.911E-09	4.328E-15
6.900E+03	1.013E-01	5.952E-01	3.881E-03	2.542E-20	3.615E-08	4.776E-08	8.287E-09	3.927E-15
7.000E+03	1.137E-01	5.860E-01	4.895E-03	6.883E-20	3.714E-08	4.069E-08	8.685E-09	3.542E-15
7.100E+03	1.265F-01	5.782E-01	6.156E-03	1.829E-19	3.786E-08	3.470E-08	9.108E-09	3.176E-15
7.200E+03	1.396E-01	5.659E-01	7.724E-03	4.776E-19	3.829E-08	2.963E-08	9.560E-09	2.832E-15
7.300E+03	1.529E-01	5.560E-01	9.688E-03	1.226E-18	3.842E-08	2.532E-08	1.004E-08	2.510E-15
7.400E+03	1.662E-01	5.438E-01	1.207E-02	3.096E-18	3.828E-08	2.165E-08	1.056E-08	2.212E-15
7.500E+03	1.794E-01	5.320E-01	1.504E-02	7.695E-18	3.787E-08	1.852E-08	1.110E-08	1.939E-15
7.600E+03	1.925E-01	5.197E-01	1.867E-02	1.881E-17	3.721E-08	1.584E-08	1.165E-08	1.689E-15
7.700E+03	2.053E-01	5.067E-01	2.310E-02	4.520E-17	3.633E-08	1.354E-08	1.222E-08	1.464E-15
7.800E+03	2.179F-01	4.930E-01	2.845E-02	1.067E-16	3.527E-08	1.155E-08	1.277E-08	1.261E-15
7.900E+03	2.303E-01	4.783E-01	3.483E-02	2.469E-16	3.404E-08	9.820E-09	1.327E-08	1.080E-15
8.000E+03	2.427E-01	4.625E-01	4.235E-02	5.599E-16	3.268E-08	8.318E-09	1.370E-08	9.194E-16
8.100E+03	2.677E-01	4.272E-01	6.070E-02	2.693E-15	2.963E-08	5.864E-09	1.420E-08	6.512E-16
8.200E+03	2.934F-01	3.864E-01	8.470E-02	1.180E-14	2.626E-08	4.001E-09	1.404E-08	4.450E-16
8.300E+03	3.200E-01	3.408E-01	1.125E-01	4.702E-14	2.266E-08	2.617E-09	1.310E-08	2.910E-16
8.400E+03	3.470F-01	2.922E-01	1.431E-01	1.711E-13	1.897E-08	1.630E-09	1.149E-08	1.806E-16
9.000E+03	3.735E-01	2.481E-01	1.745E-01	5.727E-13	1.534E-08	9.630E-10	9.473E-09	1.058E-16
9.200E+03	3.983E-01	1.964E-01	2.048E-01	1.778E-12	1.197E-08	5.399E-10	7.359E-09	5.842E-17
9.400E+03	4.203E-01	1.543E-01	2.321E-01	5.159E-12	9.023E-09	2.884E-10	5.421E-09	3.047E-17
9.600E+03	4.389E-01	1.185E-01	2.556E-01	1.411E-11	6.591E-09	1.478E-10	3.818E-09	1.513E-17
9.800E+03	4.540E-01	8.929E-02	2.747E-01	3.662E-11	4.694E-09	7.345E-11	2.596E-09	7.225E-18

P/P0 = 3.00E-04

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.499E-11	1.760E-18	0.
2.000E+02	0.	4.319E-66	0.	0.	0.	4.964E-11	1.760E-18	0.
3.000E+02	0.	2.014E-44	1.855E-79	0.	0.	5.381E-11	1.760E-18	0.
4.000E+02	0.	1.372E-33	4.925E-61	0.	0.	4.804E-11	1.760E-18	0.
5.000E+02	0.	4.666E-27	1.412E-50	0.	0.	4.776E-11	1.760E-18	0.
6.000E+02	3.598E-90	1.086E-22	1.342E-43	0.	0.	4.848E-11	1.760E-18	0.
7.000E+02	3.838E-75	2.298E-19	8.318E-39	0.	8.403E-88	1.226E-10	1.760E-18	4.185E-82
8.000E+02	1.528E-62	3.271E-16	7.315E-36	0.	1.610E-73	5.020E-09	1.760E-18	6.244E-69
9.000E+02	1.291E-52	1.063E-13	1.263E-33	0.	3.071E-62	1.168E-07	1.760E-18	1.351E-58
1.000E+03	1.162E-44	1.093E-11	7.818E-32	0.	3.268E-53	1.450E-06	1.760E-18	4.433E-50
1.100E+03	3.814E-38	4.856E-10	2.300E-30	0.	7.937E-46	1.137E-05	1.760E-18	3.166E-43
1.200E+03	1.043E-32	1.148E-08	3.868E-29	0.	1.131E-39	6.308E-05	1.760E-18	1.622E-37
1.300E+03	4.216E-28	1.670E-07	4.231E-28	0.	1.815E-34	2.682E-04	1.760E-18	1.394E-32
1.400E+03	3.783E-24	1.658E-06	3.300E-27	0.	5.262E-30	9.245E-04	1.759E-18	1.498E-28
1.500E+03	1.011E-20	1.211E-05	1.974E-26	0.	3.829F-26	2.689E-03	1.766E-18	5.684E-25
1.600E+03	3.445E-18	6.883E-05	2.783E-25	0.	3.095E-23	6.793E-03	5.194E-18	2.585E-22
1.700E+03	8.811E-17	3.170E-04	1.935E-23	0.	1.671E-21	1.518E-02	8.985E-17	8.339E-21
1.800E+03	1.324E-15	1.219E-03	9.954E-22	0.	4.775E-20	3.032E-02	1.325E-15	1.493E-19
1.900E+03	1.463E-14	4.001E-03	3.423E-20	0.	9.194E-19	5.436E-02	1.463E-14	1.850E-18
2.000E+03	1.241E-13	1.186E-02	8.301E-19	0.	1.242E-17	8.715E-02	1.241E-13	1.639E-17
2.100E+03	8.295E-13	2.814E-02	1.491E-17	9.991E-84	1.212E-16	1.239E-01	8.296E-13	1.050E-16
2.200E+03	4.449E-12	6.107E-02	2.067E-16	1.942E-79	8.668E-16	1.543E-01	4.449E-12	4.875E-16
2.300E+03	1.938E-11	1.163E-01	2.278E-15	1.730E-75	4.589E-15	1.659E-01	1.938E-11	1.530E-15
2.400E+03	6.925E-11	1.941E-01	2.076E-14	7.844E-72	1.806E-14	1.516E-01	6.922E-11	3.893E-15
2.500E+03	2.045E-10	2.842E-01	1.587E-13	1.995E-68	5.302E-14	1.165E-01	2.043E-10	6.571E-15
2.600E+03	5.062E-10	3.672E-01	1.034E-12	3.061E-65	1.181E-13	7.533E-02	5.043E-10	8.021E-15
2.700E+03	1.079E-09	4.272E-01	5.880E-12	2.977E-62	2.089E-13	4.239E-02	1.088E-09	7.493E-15
2.800E+03	2.065E-09	4.628E-01	2.943E-11	1.868E-59	3.153E-13	2.200E-02	2.010E-09	5.797E-15
2.900E+03	3.700E-09	4.813E-01	1.303E-10	7.589E-57	4.360E-13	1.113E-02	3.454E-09	4.181E-15
3.000E+03	6.451E-09	4.905E-01	5.090E-10	2.006E-54	5.847E-13	5.686E-03	5.476E-09	3.000E-15
3.100E+03	1.133E-08	4.950E-01	1.733E-09	3.372E-52	7.947E-13	2.982E-03	7.948E-09	2.251E-15
3.200E+03	2.061E-08	4.973E-01	5.090E-09	3.583E-50	1.129E-12	1.615E-03	1.045E-08	1.824E-15
3.300E+03	3.901E-08	4.985E-01	1.248E-08	2.470E-48	1.686E-12	9.038E-04	1.250E-08	1.606E-15

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
4.306E-02	2.420E-04	1.470E-21	3.612E-11	4.349E-01	6.924E-06	7.478E-07	6.785E-07	4.600E+03
7.026E-02	4.337E-04	5.631E-21	9.173E-11	3.937E-01	7.981E-06	5.183E-07	1.249E-06	4.700E+03
1.050E-01	7.327E-04	2.174E-20	2.053E-10	3.398E-01	8.927E-06	3.491E-07	2.115E-06	4.800E+03
1.468E-01	1.171E-03	7.665E-20	4.033E-10	2.775E-01	9.653E-06	2.260E-07	2.982E-06	4.900E+03
1.882E-01	1.777E-03	2.567E-19	6.993E-10	2.141E-01	1.007E-05	1.396E-07	3.638E-06	5.000E+03
2.294E-01	2.576E-03	8.195E-19	1.087E-09	1.568E-01	1.015E-05	8.226E-08	3.915E-06	5.100E+03
2.552E-01	3.591E-03	2.502E-18	1.542E-09	1.100E-01	9.921E-06	4.658E-08	3.409E-06	5.200E+03
2.769E-01	4.853E-03	7.325E-18	2.041E-09	7.483E-02	9.469E-06	2.564E-08	3.438E-06	5.300E+03
2.915E-01	6.396E-03	2.063E-17	2.563E-09	4.995E-02	8.883E-06	1.388E-08	2.748E-06	5.400E+03
3.002E-01	8.267E-03	5.598E-17	3.096E-09	3.304E-02	8.238E-06	7.475E-09	2.443E-06	5.500E+03
3.047E-01	1.052E-02	1.466E-16	3.642E-09	2.180E-02	7.586E-06	4.032E-09	1.983E-06	5.600E+03
3.061E-01	1.320E-02	3.715E-16	4.153E-09	1.441E-02	6.957E-06	2.190E-09	1.589E-06	5.700E+03
3.050E-01	1.639E-02	9.120E-16	4.748E-09	9.573E-03	6.364E-06	1.201E-09	1.263E-06	5.800E+03
3.021E-01	2.014E-02	2.173E-15	5.301E-09	6.396E-03	5.814E-06	6.659E-10	9.995E-07	5.900E+03
2.977E-01	2.451E-02	5.033E-15	5.845E-09	4.300E-03	5.307E-06	3.733E-10	7.879E-07	6.000E+03
2.916E-01	2.956E-02	1.134E-14	6.369E-09	2.908E-03	4.840E-06	2.115E-10	6.191E-07	6.100E+03
2.846E-01	3.535E-02	2.492E-14	6.861E-09	1.978E-03	4.410E-06	1.211E-10	4.848E-07	6.200E+03
2.762E-01	4.191E-02	5.342E-14	7.306E-09	1.352E-03	4.013E-06	6.993E-11	3.779E-07	6.300E+03
2.666E-01	4.928E-02	1.118E-13	7.688E-09	9.273E-04	3.647E-06	4.070E-11	2.931E-07	6.400E+03
2.558E-01	5.745E-02	2.284E-13	7.991E-09	6.380E-04	3.308E-06	2.385E-11	2.259E-07	6.500E+03
2.438E-01	6.642E-02	4.586E-13	8.158E-09	4.398E-04	2.994E-06	1.405E-11	1.727E-07	6.600E+03
2.308E-01	7.613E-02	9.000E-13	8.298E-09	3.034E-04	2.702E-06	8.306E-12	1.309E-07	6.700E+03
2.168E-01	8.651E-02	1.731E-12	8.279E-09	2.093E-04	2.431E-06	4.926E-12	9.818E-08	6.800E+03
2.020E-01	9.744E-02	3.268E-12	8.139E-09	1.443E-04	2.179E-06	2.927E-12	7.277E-08	6.900E+03
1.866E-01	1.098E-01	6.055E-12	7.877E-09	9.924E-05	1.945E-06	1.740E-12	5.324E-08	7.000E+03
1.708E-01	1.203E-01	1.102E-11	7.504E-09	6.808E-05	1.729E-06	1.034E-12	3.841E-08	7.100E+03
1.549E-01	1.314E-01	1.971E-11	7.034E-09	4.656E-05	1.524E-06	6.141E-13	2.731E-08	7.200E+03
1.391E-01	1.432E-01	3.465E-11	6.489E-09	3.172E-05	1.346E-06	3.641E-13	1.912E-08	7.300E+03
1.238E-01	1.542E-01	5.946E-11	5.852E-09	2.153E-05	1.179E-06	2.155E-13	1.318E-08	7.400E+03
1.091E-01	1.644E-01	1.019E-10	5.271E-09	1.455E-05	1.027E-06	1.272E-13	8.960E-09	7.500E+03
9.537E-02	1.738E-01	1.705E-10	4.651E-09	9.800E-06	8.896E-07	7.464E-14	6.006E-09	7.600E+03
8.272E-02	1.822E-01	2.807E-10	4.053E-09	6.576E-06	7.663E-07	4.405E-14	3.977E-09	7.700E+03
7.127E-02	1.894E-01	4.544E-10	3.495E-09	4.399E-06	6.562E-07	2.581E-14	2.606E-09	7.800E+03
6.105E-02	1.955E-01	7.256E-10	2.988E-09	2.934E-06	5.546E-07	1.508E-14	1.694E-09	7.900E+03
5.206E-02	2.004E-01	1.139E-09	2.537E-09	1.952E-06	4.726E-07	8.783E-15	1.094E-09	8.000E+03
3.752E-02	2.066E-01	2.684E-09	1.806E-09	8.591E-07	3.319E-07	2.946E-15	4.522E-10	8.200E+03
2.667E-02	2.087E-01	5.974E-09	1.274E-09	3.751E-07	2.270E-07	9.692E-16	1.865E-10	8.400E+03
1.921E-02	2.075E-01	1.264E-08	8.961E-10	1.624E-07	1.510E-07	3.107E-16	7.740E-11	8.600E+03
1.375E-02	2.039E-01	2.562E-08	6.290E-10	6.950E-08	9.783E-08	9.651E-17	3.245E-11	8.800E+03
9.851E-03	1.990E-01	5.020E-08	4.403E-10	2.938E-08	6.179E-08	2.891E-17	1.377E-11	9.000E+03
7.019E-03	1.935E-01	9.579E-08	3.070E-10	1.227E-08	3.819E-08	8.379E-18	5.924E-12	9.200E+03
5.108E-03	1.881E-01	1.792E-07	2.133E-10	5.076E-09	2.320E-08	2.352E-18	2.587E-12	9.400E+03
3.706E-03	1.833E-01	3.295E-07	1.476E-10	2.089E-09	1.393E-08	6.457E-19	1.150E-12	9.600E+03
2.707E-03	1.793E-01	5.993E-07	1.024E-10	8.605E-10	8.322E-09	1.751E-19	5.221E-13	9.800E+03

P/P0 = 3.00E-04

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.645E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.373E-38	8.165E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.106E-26	3.614E-58	1.000E+00	0.	4.000E+02
5.829E-95	0.	0.	0.	7.930E-19	8.199E-46	1.000E+00	0.	5.000E+02
1.323E-75	1.386E-76	0.	0.	6.834E-14	1.391E-37	1.000E+00	0.	6.000E+02
3.620E-52	1.665E-64	0.	0.	1.445E-10	2.652E-32	1.000E+00	4.159E-89	7.000E+02
2.136E-53	4.639E-38	0.	0.	9.938E-09	2.618E-30	1.000E+00	4.210E-77	8.000E+02
1.099E-46	2.854E-53	0.	0.	2.334E-07	6.293E-29	1.000E+00	5.492E-68	9.000E+02
2.573E-41	1.943E-49	0.	6.223E-84	2.901E-06	7.958E-28	1.000E+00	1.067E-60	1.000E+03
6.389E-37	2.677E-46	0.	1.061E-73	2.274E-05	6.348E-27	1.000E+00	9.820E-55	1.100E+03
2.947E-33	1.111E-43	0.	3.568E-65	1.262E-04	3.585E-26	9.948E-01	9.179E-50	1.200E+03
3.720E-30	1.835E-41	0.	5.848E-58	5.366E-04	1.552E-25	9.952E-01	1.476E-45	1.300E+03
1.696E-27	1.467E-39	0.	8.918E-52	1.851E-03	5.450E-25	9.972E-01	5.950E-42	1.400E+03
3.421E-25	6.607E-38	2.613E-95	2.020E-46	5.391E-03	1.628E-24	9.919E-01	7.923E-39	1.500E+03
3.554E-23	5.444E-36	9.794E-91	3.313E-42	1.365E-02	1.246E-23	9.795E-01	4.280E-36	1.600E+03
2.133E-21	1.817E-33	4.866E-85	2.545E-39	3.067E-02	5.028E-22	9.538E-01	1.096E-33	1.700E+03
8.081E-20	3.774E-31	8.030E-80	7.830E-37	6.187E-02	1.582E-20	9.066E-01	1.498E-31	1.800E+03
2.070E-18	4.560E-27	3.931E-75	1.264E-34	1.127E-01	3.468E-19	8.289E-01	1.197E-29	1.900E+03
3.784E-17	3.474E-24	6.659E-71	1.174E-32	1.857E-01	5.503E-18	7.158E-01	6.009E-28	2.000E+03
5.159E-16	1.794E-25	5.037E-67	6.692E-31	2.759E-01	6.665E-17	5.720E-01	2.007E-26	2.100E+03
5.455E-15	6.711E-24	1.801E-63	2.463E-29	3.696E-01	6.317E-16	4.150E-01	4.711E-25	2.200E+03
4.652E-14	1.939E-22	3.575E-60	6.136E-28	4.480E-01	4.884E-15	2.699E-01	8.233E-24	2.300E+03
3.343E-13	4.619E-21	4.456E-57	1.087E-26	4.974E-01	3.212E-14	1.568E-01	1.149E-22	2.400E+03
2.122E-12	9.693E-20	3.912E-54	1.443E-25	5.172E-01	1.882E-13	8.210E-02	1.391E-21	2.500E+03
1.24E-11	1.888E-18	2.636E-51	1.516E-24	5.178E-01	1.025E-12	3.968E-02	1.572E-20	2.600E+03
6.886E-11	3.461E-17	1.400E-48	1.322E-23	5.120E-01	5.296E-12	1.836E-02	1.721E-19	2.700E+03
3.589E-10	5.806E-16	5.673E-46	9.917E-23	5.068E-01	2.578E-11	8.450E-03	1.796E-18	2.800E+03
1.736E-09	8.541E-15	1.657E-43	6.574E-22	5.036E-01	1.556E-10	3.977E-03	1.724E-17	2.900E+03
7.713E-09	1.063E-13	3.325E-41	3.957E-21	5.019E-01	4.544E-10	1.939E-03	1.483E-16	3.000E+03
3.150E-08	1.091E-12	4.414E-39	2.233E-20	5.010E-01	1.553E-09	9.835E-04	1.134E-15	3.100E+03
1.184E-07	9.099E-12	3.795E-37	1.216E-19	5.005E-01	5.064E-09	5.190E-04	7.720E-15	3.200E+03
4.119E-07	6.216E-11	2.155E-35	6.432E-19	5.003E-01	1.347E-08	2.844E-04	4.704E-14	3.300E+03

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
3.400E+03	7.564E-08	4.991E-01	2.950E-08	1.178E-46	2.608E-12	5.223E-04	1.390E-08	1.508E-15
3.500E+03	1.471E-07	4.995E-01	6.148E-08	4.163E-45	4.089E-12	3.111E-04	1.476E-08	1.476E-15
3.600E+03	2.833E-07	4.997E-01	1.200E-07	1.149E-43	6.407E-12	1.906E-04	1.523E-08	1.481E-15
3.700E+03	5.375E-07	4.998E-01	2.216E-07	2.551E-42	9.984E-12	1.199E-04	1.538E-08	1.514E-15
3.800E+03	1.009E-06	4.999E-01	3.880E-07	4.613E-41	1.552E-11	7.724E-05	1.519E-08	1.579E-15
3.900E+03	1.889E-06	5.000E-01	6.418E-07	6.798E-40	2.426E-11	5.090E-05	1.460E-08	1.690E-15
4.000E+03	3.563E-06	5.002E-01	9.969E-07	8.171E-39	3.851E-11	3.425E-05	1.353E-08	1.872E-15
4.100E+03	6.823E-06	5.005E-01	1.451E-06	7.873E-38	6.248E-11	2.351E-05	1.205E-08	2.157E-15
4.200E+03	1.325E-05	5.011E-01	1.987E-06	6.287E-37	1.035E-10	1.645E-05	1.035E-08	2.582E-15
4.300E+03	2.585E-05	5.022E-01	2.594E-06	4.256E-36	1.736E-10	1.173E-05	8.659E-09	3.181E-15
4.400E+03	5.012E-05	5.044E-01	4.278E-06	2.531E-35	2.914E-10	8.530E-06	7.172E-09	3.987E-15
4.500E+03	9.542E-05	5.084E-01	4.073E-06	1.368E-34	4.847E-10	6.338E-06	5.973E-09	5.034E-15
4.600E+03	1.765E-04	5.182E-01	5.051E-06	6.935E-34	7.915E-10	4.824E-06	5.078E-09	6.351E-15
4.700E+03	3.147E-04	5.286E-01	6.331E-06	3.388E-33	1.260E-09	3.770E-06	4.467E-09	7.956E-15
4.800E+03	5.365E-04	5.402E-01	8.096E-06	1.630E-32	1.941E-09	3.026E-06	4.101E-09	9.825E-15
4.900E+03	8.718E-04	5.584E-01	1.061E-05	7.823E-32	2.877E-09	2.484E-06	3.937E-09	1.187E-14
5.000E+03	1.349E-03	5.786E-01	1.423E-05	3.762E-31	4.088E-09	2.071E-06	3.929E-09	1.390E-14
5.100E+03	1.994E-03	5.984E-01	1.942E-05	1.804E-30	5.558E-09	1.737E-06	4.037E-09	1.569E-14
5.200E+03	2.829E-03	6.158E-01	2.681E-05	8.562E-30	7.243E-09	1.456E-06	4.222E-09	1.704E-14
5.300E+03	3.878E-03	6.295E-01	3.716E-05	3.983E-29	9.391E-09	1.215E-06	4.457E-09	1.785E-14
5.400E+03	5.170E-03	6.395E-01	5.150E-05	1.801E-28	1.106E-08	1.009E-06	4.724E-09	1.815E-14
5.500E+03	6.740E-03	6.461E-01	7.107E-05	7.870E-28	1.313E-08	8.360E-07	5.010E-09	1.804E-14
5.600E+03	8.632E-03	6.501E-01	9.749E-05	3.310E-27	1.529E-08	6.919E-07	5.311E-09	1.763E-14
5.700E+03	1.090E-02	6.521E-01	1.327E-04	1.337E-26	1.754E-08	5.731E-07	5.621E-09	1.704E-14
5.800E+03	1.359E-02	6.526E-01	1.793E-04	5.190E-26	1.989E-08	4.758E-07	5.941E-09	1.633E-14
5.900E+03	1.676E-02	6.520E-01	2.403E-04	1.935E-25	2.232E-08	3.961E-07	6.270E-09	1.557E-14
6.000E+03	2.048E-02	6.505E-01	3.195E-04	6.939E-25	2.485E-08	3.308E-07	6.606E-09	1.477E-14
6.100E+03	2.481E-02	6.482E-01	4.216E-04	2.398E-24	2.744E-08	2.772E-07	6.951E-09	1.396E-14
6.200E+03	2.980E-02	6.462E-01	5.522E-04	7.996E-24	3.008E-08	2.330E-07	7.304E-09	1.316E-14
6.300E+03	3.551E-02	6.416E-01	7.183E-04	2.578E-23	3.275E-08	1.965E-07	7.665E-09	1.235E-14
6.400E+03	4.198E-02	6.373E-01	9.283E-04	8.050E-23	3.540E-08	1.661E-07	8.036E-09	1.156E-14
6.500E+03	4.925E-02	6.323E-01	1.193E-03	2.440E-22	3.801E-08	1.408E-07	8.416E-09	1.078E-14
6.600E+03	5.734E-02	6.267E-01	1.524E-03	7.189E-22	4.053E-08	1.197E-07	8.808E-09	1.001E-14
6.700E+03	6.624E-02	6.204E-01	1.937E-03	2.037E-21	4.291E-08	1.019E-07	9.212E-09	9.258E-15
6.800E+03	7.595E-02	6.135E-01	2.450E-03	5.776E-21	4.511E-08	8.690E-08	9.632E-09	8.523E-15
6.900E+03	8.642E-02	6.059E-01	3.088E-03	1.581E-20	4.708E-08	7.423E-08	1.007E-08	7.809E-15
7.000E+03	9.758E-02	5.977E-01	3.877E-03	4.234E-20	4.878E-08	6.349E-08	1.053E-08	7.118E-15
7.100E+03	1.093E-01	5.889E-01	4.852E-03	1.112E-19	5.017E-08	5.438E-08	1.101E-08	6.454E-15
7.200E+03	1.216E-01	5.795E-01	6.056E-03	2.866E-19	5.122E-08	4.662E-08	1.151E-08	5.821E-15
7.300E+03	1.342E-01	5.696E-01	7.538E-03	7.261E-19	5.191E-08	4.000E-08	1.205E-08	5.221E-15
7.400E+03	1.470E-01	5.593E-01	9.360E-03	1.809E-18	5.224E-08	3.436E-08	1.263E-08	4.657E-15
7.500E+03	1.600E-01	5.484E-01	1.159E-02	4.437E-18	5.220E-08	2.952E-08	1.323E-08	4.132E-15
7.600E+03	1.729E-01	5.371E-01	1.433E-02	1.071E-17	5.181E-08	2.538E-08	1.386E-08	3.646E-15
7.700E+03	1.856E-01	5.252E-01	1.765E-02	2.547E-17	5.109E-08	2.182E-08	1.452E-08	3.201E-15
7.800E+03	1.983E-01	5.128E-01	2.168E-02	5.957E-17	5.007E-08	1.874E-08	1.518E-08	2.795E-15
7.900E+03	2.107E-01	4.997E-01	2.652E-02	1.370E-16	4.880E-08	1.608E-08	1.584E-08	2.427E-15
8.000E+03	2.230E-01	4.857E-01	3.227E-02	3.096E-16	4.730E-08	1.376E-08	1.645E-08	2.096E-15
8.200E+03	2.473E-01	4.540E-01	4.691E-02	1.433E-15	4.374E-08	9.973E-09	1.743E-08	1.535E-15
8.400E+03	2.719E-01	4.193E-01	6.610E-02	6.432E-15	3.962E-08	7.066E-09	1.783E-08	1.093E-15
8.600E+03	2.972E-01	3.787E-01	8.976E-02	2.691E-14	3.509E-08	4.848E-09	1.742E-08	7.511E-16
8.800E+03	3.233E-01	3.340E-01	1.171E-01	1.002E-13	3.030E-08	3.195E-09	1.613E-08	4.948E-16
9.000E+03	3.495E-01	2.869E-01	1.468E-01	3.431E-13	2.542E-08	2.012E-09	1.410E-08	3.103E-16
9.200E+03	3.750E-01	2.397E-01	1.770E-01	1.087E-12	2.064E-08	1.207E-09	1.164E-08	1.844E-16
9.400E+03	3.988E-01	1.949E-01	2.059E-01	3.215E-12	1.622E-08	6.896E-10	9.106E-09	1.037E-16
9.600E+03	4.200E-01	1.545E-01	2.322E-01	8.929E-12	1.234E-08	3.770E-10	6.782E-09	5.538E-17
9.800E+03	4.381E-01	1.199E-01	2.548E-01	2.346E-11	9.119E-09	1.985E-10	4.848E-09	2.826E-17
1.000E+04	4.528E-01	9.142E-02	2.734E-01	5.869E-11	6.584E-09	1.015E-10	3.355E-09	1.391E-17
1.020E+04	4.645E-01	6.889E-02	2.891E-01	1.405E-10	4.671E-09	5.095E-11	2.268E-09	6.677E-18
1.040E+04	4.734E-01	5.163E-02	2.995E-01	3.234E-10	3.277E-09	2.531E-11	1.510E-09	3.158E-18
1.060E+04	4.802E-01	3.842E-02	3.091E-01	7.193E-10	2.284E-09	1.254E-11	9.975E-10	1.485E-18
1.080E+04	4.852E-01	2.864E-02	3.146E-01	1.545E-09	1.590E-09	6.240E-12	6.575E-10	6.995E-19
1.100E+04	4.889E-01	2.140E-02	3.193E-01	3.224E-09	1.108E-09	3.131E-12	4.343E-10	3.319E-19
1.120E+04	4.917E-01	1.605E-02	3.228E-01	6.548E-09	7.752E-10	1.590E-12	2.883E-10	1.593E-19
1.140E+04	4.937E-01	1.211E-02	3.254E-01	1.296E-08	5.454E-10	8.188E-13	1.927E-10	7.748E-20
1.160E+04	4.953E-01	9.186E-03	3.273E-01	2.506E-08	3.862E-10	4.281E-13	1.299E-10	3.828E-20
1.180E+04	4.964E-01	7.014E-03	3.287E-01	4.735E-09	2.755E-10	2.275E-13	8.834E-11	1.422E-20
1.200E+04	4.972E-01	5.391E-03	3.298E-01	8.761E-08	1.980E-10	1.228E-13	6.066E-11	9.817E-21
1.220E+04	4.979E-01	4.172E-03	3.306E-01	1.589E-07	1.435E-10	6.740E-14	4.206E-11	5.099E-21
1.240E+04	4.984E-01	3.250E-03	3.311E-01	2.827E-07	1.047E-10	3.758E-14	2.944E-11	2.693E-21
1.260E+04	4.989E-01	2.548E-03	3.315E-01	4.938E-07	7.705E-11	2.128E-14	2.081E-11	1.446E-21
1.280E+04	4.992E-01	2.010E-03	3.318E-01	8.481E-07	5.711E-11	1.224E-14	1.484E-11	7.886E-22
1.300E+04	4.996E-01	1.586E-03	3.320E-01	1.433E-06	4.265E-11	7.141E-15	1.068E-11	4.369E-22
1.320E+04	4.999E-01	1.275E-03	3.321E-01	2.382E-06	3.208E-11	4.226E-15	7.754E-12	2.458E-22
1.340E+04	5.002E-01	1.024E-03	3.321E-01	3.901E-06	2.430E-11	2.536E-15	5.677E-12	1.403E-22
1.360E+04	5.008E-01	8.273E-04	3.320E-01	6.296E-06	1.853E-11	1.541E-15	4.199E-12	8.120E-23

P/P0 = 4.00E-04

T	E-	0	0+	0++	0-	02	02+	02-
1.070E+02	0.	0.	0.	0.	0.	4.475E-11	1.760E-18	0.
2.000E+02	0.	3.972E-66	0.	0.	0.	5.595E-11	1.760E-18	0.

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.334E-06	3.580E-10	8.580E-34	3.249E-18	5.002E-01	3.184E-08	1.613E-04	2.585E-13	3.400E+03
4.043E-06	1.746E-04	2.563E-32	1.549E-17	5.001E-01	6.911E-08	9.454E-05	1.292E-12	3.500E+03
1.153E-05	8.041E-09	6.039E-31	7.282E-17	5.000E-01	1.400E-07	5.707E-05	5.909E-12	3.600E+03
3.111E-05	3.260E-08	1.155E-29	3.116E-16	5.000E-01	2.679E-07	3.541E-05	2.493E-11	3.700E+03
7.969E-05	1.203E-07	1.816E-28	1.261E-15	4.999E-01	4.852E-07	2.253E-05	9.756E-11	3.800E+03
1.945E-04	4.035E-07	2.342E-27	4.891E-15	4.997E-01	8.285E-07	1.467E-05	3.561E-10	3.900E+03
4.541E-04	1.227E-06	2.465E-26	1.839E-14	4.993E-01	1.326E-06	9.762E-06	1.218E-09	4.000E+03
1.016E-03	3.378E-06	2.115E-25	6.771E-14	4.985E-01	1.983E-06	6.622E-06	3.914E-09	4.100E+03
2.185E-03	8.468E-06	1.500E-24	2.441E-13	4.967E-01	2.780E-06	4.570E-06	1.185E-08	4.200E+03
4.511E-03	1.950E-05	9.014E-24	8.542E-13	4.932E-01	3.694E-06	3.202E-06	3.375E-08	4.300E+03
8.946E-03	4.213E-05	4.732E-23	2.863E-12	4.865E-01	4.704E-06	2.269E-06	9.008E-08	4.400E+03
1.690E-02	8.555E-05	2.227E-22	9.044E-12	4.745E-01	5.798E-06	1.620E-06	2.232E-07	4.500E+03
3.034E-02	1.645E-04	9.594E-22	2.645E-11	4.541E-01	6.958E-06	1.157E-06	5.055E-07	4.600E+03
5.119E-02	3.002E-04	3.835E-21	7.034E-11	4.226E-01	6.139E-06	8.196E-07	1.026E-06	4.700E+03
8.040E-02	5.142E-04	1.437E-20	1.673E-10	3.783E-01	9.269E-06	5.657E-07	1.832E-06	4.800E+03
1.169E-01	8.409E-04	5.040E-20	3.522E-10	3.229E-01	1.025E-05	7.042E-07	2.838E-06	4.900E+03
1.573E-01	1.324E-03	1.704E-19	6.557E-10	2.614E-01	1.096E-05	2.489E-07	3.811E-06	5.000E+03
1.909E-01	1.963E-03	5.448E-19	1.088E-09	2.007E-01	1.133E-05	1.543E-07	4.883E-06	5.100E+03
2.316E-01	2.741E-03	1.665E-18	1.635E-09	1.469E-01	1.135E-05	9.160E-08	4.707E-06	5.200E+03
2.542E-01	3.830E-03	4.874E-18	2.264E-09	1.036E-01	1.105E-05	5.249E-08	4.516E-06	5.300E+03
2.791E-01	5.108E-03	1.374E-17	2.943E-09	7.107E-02	1.054E-05	2.935E-08	4.054E-06	5.400E+03
2.924E-01	6.659E-03	3.729E-17	3.648E-09	4.798E-02	9.895E-06	1.619E-08	3.476E-06	5.500E+03
3.034E-01	8.525E-03	9.770E-17	4.369E-09	3.214E-02	9.195E-06	8.690E-09	2.892E-06	5.600E+03
3.046E-01	1.075E-02	2.476E-16	5.100E-09	2.149E-02	8.490E-06	4.894E-09	2.361E-06	5.700E+03
3.058E-01	1.347E-02	4.079E-16	5.838E-09	1.441E-02	7.809E-06	2.713E-09	1.904E-06	5.800E+03
3.048E-01	1.651E-02	1.449E-15	6.578E-09	9.699E-03	7.167E-06	1.518E-09	1.526E-06	5.900E+03
3.020E-01	2.016E-02	3.356E-15	7.314E-09	6.566E-03	6.569E-06	8.580E-10	1.216E-06	6.000E+03
2.977E-01	2.438E-02	7.565E-15	8.037E-09	4.472E-03	6.016E-06	4.902E-10	9.666E-07	6.100E+03
2.942E-01	2.924E-02	1.662E-14	8.734E-09	3.063E-03	5.505E-06	2.830E-10	7.658E-07	6.200E+03
2.853E-01	3.479E-02	3.563E-14	9.390E-09	2.110E-03	5.034E-06	1.649E-10	6.047E-07	6.300E+03
2.773E-01	4.105E-02	7.460E-14	9.985E-09	1.460E-03	4.598E-06	9.697E-11	4.757E-07	6.400E+03
2.682E-01	4.805E-02	1.527E-13	1.050E-08	1.014E-03	4.194E-06	5.745E-11	3.724E-07	6.500E+03
2.579E-01	5.581E-02	3.061E-13	1.092E-08	7.064E-04	3.820E-06	3.426E-11	2.699E-07	6.600E+03
2.466E-01	6.430E-02	6.009E-13	1.122E-08	4.932E-04	3.471E-06	2.054E-11	2.242E-07	6.700E+03
2.343E-01	7.350E-02	1.157E-12	1.138E-08	3.447E-04	3.147E-06	1.236E-11	1.719E-07	6.800E+03
2.210E-01	8.333E-02	2.184E-12	1.139E-08	2.410E-04	2.845E-06	7.466E-12	1.307E-07	6.900E+03
2.070E-01	9.370E-02	4.050E-12	1.125E-08	1.684E-04	2.564E-06	4.518E-12	9.826E-08	7.000E+03
1.923E-01	1.045E-01	7.379E-12	1.096E-08	1.175E-04	2.302E-06	2.737E-12	7.305E-08	7.100E+03
1.772E-01	1.155E-01	1.321E-11	1.051E-08	8.184E-05	2.058E-06	1.658E-12	5.363E-08	7.200E+03
1.619E-01	1.267E-01	2.327E-11	9.942E-09	5.684E-05	1.73E-06	1.004E-12	3.885E-08	7.300E+03
1.466E-01	1.377E-01	4.032E-11	9.262E-09	3.935E-05	1.324E-06	6.077E-13	2.776E-08	7.400E+03
1.316E-01	1.488E-01	6.876E-11	8.504E-09	2.715E-05	1.433E-06	3.671E-13	1.956E-08	7.500E+03
1.172E-01	1.595E-01	1.154E-10	7.698E-09	1.867E-05	1.258E-06	2.214E-13	1.360E-08	7.600E+03
1.035E-01	1.689E-01	1.908E-10	6.876E-09	1.279E-05	1.099E-06	1.332E-13	9.332E-09	7.700E+03
9.066E-02	1.766E-01	3.107E-10	6.069E-09	6.732E-06	9.545E-07	7.995E-14	6.327E-09	7.800E+03
7.891E-02	1.842E-01	4.982E-10	5.300E-09	5.943E-06	8.247E-07	4.788E-14	4.245E-09	7.900E+03
6.829E-02	1.907E-01	7.870E-10	4.587E-09	4.034E-06	7.087E-07	2.860E-14	2.824E-09	8.000E+03
5.066E-02	2.004E-01	1.879E-09	3.366E-09	1.845E-06	5.143E-07	1.011E-14	1.227E-09	8.200E+03
3.685E-02	2.058E-01	4.238E-09	2.430E-09	8.375E-07	3.644E-07	3.522E-15	5.262E-10	8.400E+03
2.677E-02	2.075E-01	9.071E-09	1.740E-09	3.771E-07	2.518E-07	1.203E-15	2.254E-10	8.600E+03
1.942E-02	2.062E-01	1.654E-08	1.242E-09	1.684E-07	1.696E-07	4.010E-16	9.715E-11	8.800E+03
1.409E-02	2.027E-01	3.644E-08	8.838E-10	7.438E-08	1.115E-07	1.297E-16	4.225E-11	9.000E+03
1.024E-02	1.981E-01	6.943E-08	6.271E-10	3.248E-08	7.157E-08	4.061E-17	1.858E-11	9.200E+03
7.456E-03	1.929E-01	1.291E-07	4.432E-10	1.403E-08	4.506E-08	1.232E-17	8.270E-12	9.400E+03
5.452E-03	1.879E-01	2.355E-07	3.122E-10	6.011E-09	2.793E-08	3.634E-18	3.734E-12	9.600E+03
4.006E-03	1.833E-01	4.234E-07	2.194E-10	2.564E-09	1.713E-08	1.050E-18	1.715E-12	9.800E+03
2.963E-03	1.794E-01	7.513E-07	1.541E-10	1.094E-09	1.045E-08	3.002E-19	8.024E-13	1.000E+04
2.208E-03	1.763E-01	1.317E-06	1.085E-10	4.701E-10	6.379E-09	8.572E-20	3.833E-13	1.020E+04
1.659E-03	1.739E-01	2.281E-06	7.668E-11	2.042E-10	3.908E-09	2.467E-20	1.871E-13	1.040E+04
1.257E-03	1.720E-01	3.699E-06	5.449E-11	9.002E-11	2.411E-09	7.215E-21	9.339E-14	1.060E+04
9.602E-04	1.706E-01	6.577E-06	3.898E-11	4.039E-11	1.501E-09	2.155E-21	4.764E-14	1.080E+04
7.399E-04	1.696E-01	1.094E-05	2.809E-11	1.848E-11	9.449E-10	6.605E-22	2.482E-14	1.100E+04
5.748E-04	1.688E-01	1.754E-05	2.040E-11	8.631E-12	6.018E-10	2.082E-22	1.320E-14	1.120E+04
4.501E-04	1.683E-01	2.900E-05	1.494E-11	4.116E-12	3.879E-10	6.758E-23	7.161E-15	1.140E+04
3.551E-04	1.678E-01	4.623E-05	1.102E-11	2.005E-12	2.532E-10	2.261E-23	3.959E-15	1.160E+04
2.822E-04	1.675E-01	7.268E-05	8.199E-12	9.972E-13	1.672E-10	7.792E-24	2.228E-15	1.180E+04
2.258E-04	1.672E-01	1.127E-04	6.146E-12	5.061E-13	1.118E-10	2.767E-24	1.276E-15	1.200E+04
1.819E-04	1.670E-01	1.726E-04	4.641E-12	2.620E-13	7.557E-11	1.011E-24	7.425E-16	1.220E+04
1.474E-04	1.668E-01	2.608E-04	3.530E-12	1.382E-13	5.166E-11	3.800E-25	4.388E-16	1.240E+04
1.202E-04	1.665E-01	3.893E-04	2.704E-12	7.427E-14	3.569E-11	1.467E-25	2.631E-16	1.260E+04
9.850E-05	1.662E-01	5.743E-04	2.084E-12	4.061E-14	2.491E-11	5.815E-26	1.600E-16	1.280E+04
8.116E-05	1.659E-01	8.372E-04	1.617E-12	2.258E-14	1.755E-11	2.363E-26	9.850E-17	1.300E+04
6.719E-05	1.654E-01	1.207E-03	1.261E-12	1.276E-14	1.247E-11	9.429E-27	6.138E-17	1.320E+04
5.566E-05	1.648E-01	1.719E-03	9.890E-13	7.318E-15	8.940E-12	4.182E-27	5.866E-17	1.340E+04
4.662E-05	1.639E-01	2.422E-03	7.794E-13	4.257E-15	6.455E-12	1.818E-27	2.458E-17	1.360E+04

P/P0 = 4.00E+04

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.973E-63	0.	1.000E+00	0.	2.000E+02



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
3.000E+02	0.	1.796E-44	1.560E-78	0.	0.	5.702E-11	1.760E-18	0.
4.000E+02	0.	1.198E-33	4.233E-61	0.	0.	4.878E-11	1.760E-18	0.
5.000E+02	0.	4.048E-27	1.218E-50	0.	0.	4.814E-11	1.760E-18	0.
6.000E+02	2.643E-90	9.305E-23	1.174E-43	0.	0.	4.748E-11	1.760E-18	0.
7.000E+02	2.677E-75	1.113E-19	7.467E-39	0.	6.534E-88	1.141E-10	1.760E-18	3.625E-82
8.000E+02	1.042E-62	2.701E-16	6.644E-36	0.	1.209E-73	4.563E-09	1.760E-18	5.161E-69
9.000E+02	8.799E-53	8.776E-14	1.147E-33	0.	2.313E-62	1.061E-07	1.760E-18	1.528E-58
1.000E+03	7.915E-45	9.027E-12	7.103E-32	0.	2.413E-53	1.318E-06	1.760E-18	3.660E-50
1.100E+03	2.599E-38	4.009E-10	2.089E-30	0.	5.953E-46	1.033E-05	1.760E-18	2.614E-43
1.200E+03	7.111E-33	9.478E-09	3.514E-29	0.	8.484E-40	5.731E-05	1.760E-18	1.339E-37
1.300E+03	2.873E-28	1.379E-07	3.844E-28	0.	1.364E-34	2.437E-04	1.760E-18	9.027E-33
1.400E+03	2.578E-24	1.369E-06	2.998E-27	0.	3.948E-30	8.402E-04	1.759E-18	1.237E-28
1.500E+03	6.903E-21	1.000E-05	1.790E-26	0.	2.979E-26	2.445E-03	1.763E-18	4.706E-25
1.600E+03	2.727E-18	5.686E-05	2.178E-25	0.	2.699E-23	6.181E-03	4.477E-18	2.483E-22
1.700E+03	7.271E-17	2.621E-04	1.455E-23	0.	1.520E-21	1.384E-02	7.446E-17	8.366E-21
1.800E+03	1.096E-15	1.010E-03	7.467E-22	0.	4.372E-20	2.775E-02	1.098E-15	1.504E-19
1.900E+03	1.216E-14	3.326E-03	2.567E-20	0.	8.468E-19	5.007E-02	1.216E-14	1.888E-18
2.000E+03	1.037E-13	6.226E-03	6.226E-19	0.	1.156E-17	8.112E-02	1.037E-13	1.699E-17
2.100E+03	6.987E-13	2.370E-02	1.118E-17	6.406E-84	1.146E-16	1.172E-01	6.988E-13	1.116E-16
2.200E+03	3.791E-12	5.205E-02	1.547E-16	1.282E-79	8.394E-16	1.494E-01	3.791E-12	5.364E-16
2.300E+03	1.679E-11	1.007E-01	7.715E-15	1.123E-75	4.590E-15	1.659E-01	1.679E-11	1.883E-15
2.400E+03	6.127E-11	1.718E-01	1.557E-14	4.988E-72	1.885E-14	1.583E-01	6.125E-11	4.793E-15
2.500E+03	1.859E-10	2.582E-01	1.188E-13	1.235E-68	5.834E-14	1.282E-01	1.856E-10	8.786E-15
2.600E+03	4.733E-10	3.434E-01	7.760E-13	1.839E-65	1.377E-13	8.786E-02	4.718E-10	1.166E-14
2.700E+03	1.035E-09	4.101E-01	4.415E-12	1.748E-62	2.564E-13	5.207E-02	1.026E-09	1.168E-14
2.800E+03	2.012E-09	4.524E-01	2.214E-11	1.081E-59	4.006E-13	2.803E-02	1.971E-09	9.601E-15
2.900E+03	3.627E-09	4.756E-01	9.852E-11	4.396E-57	5.633E-13	1.449E-02	3.441E-09	7.117E-15
3.000E+03	6.292E-09	4.875E-01	3.890E-10	1.179E-54	7.558E-13	7.489E-03	5.545E-09	5.138E-15
3.100E+03	1.087E-08	4.934E-01	1.350E-09	2.054E-52	1.013E-12	3.950E-03	8.231E-09	3.815E-15
3.200E+03	1.929E-08	4.964E-01	4.075E-09	2.300E-50	1.405E-12	2.145E-03	1.113E-08	3.022E-15
3.300E+03	3.552E-08	4.980E-01	1.068E-08	1.675E-48	2.045E-12	1.203E-03	1.370E-08	2.594E-15
3.400E+03	6.743E-08	4.989E-01	2.480E-08	8.332E-47	3.098E-12	6.957E-04	1.557E-08	2.387E-15
3.500E+03	1.293E-07	4.993E-01	5.244E-08	3.030E-45	4.791E-12	4.146E-04	1.678E-08	2.305E-15
3.600E+03	2.466E-07	4.996E-01	1.033E-07	8.523E-44	7.436E-12	2.541E-04	1.748E-08	2.292E-15
3.700E+03	4.642E-07	4.997E-01	1.924E-07	1.924E-42	1.149E-11	1.598E-04	1.780E-08	2.324E-15
3.800E+03	8.626E-07	4.999E-01	3.402E-07	3.547E-41	1.769E-11	1.030E-04	1.776E-08	2.400E-15
3.900E+03	1.593E-06	5.000E-01	5.704E-07	5.370E-40	2.729E-11	6.785E-05	1.730E-08	2.534E-15
4.000E+03	2.952E-06	5.001E-01	9.023E-07	6.653E-39	4.254E-11	4.566E-05	1.633E-08	2.756E-15
4.100E+03	5.535E-06	5.003E-01	1.341E-06	6.728E-38	6.755E-11	3.133E-05	1.485E-08	3.109E-15
4.200E+03	1.052E-05	5.008E-01	1.875E-06	5.598E-37	1.096E-10	2.191E-05	1.301E-08	3.643E-15
4.300E+03	2.020E-05	5.017E-01	2.497E-06	3.918E-36	1.806E-10	1.561E-05	1.106E-08	4.408E-15
4.400E+03	3.873E-05	5.034E-01	3.175E-06	2.379E-35	2.996E-10	1.132E-05	9.242E-09	5.453E-15
4.500E+03	7.335E-05	5.064E-01	3.958E-06	1.297E-34	4.948E-10	8.384E-06	7.709E-09	6.825E-15
4.600E+03	1.358E-04	5.117E-01	4.893E-06	6.551E-34	8.062E-10	6.346E-06	6.515E-09	8.568E-15
4.700E+03	2.434E-04	5.201E-01	6.074E-06	3.151E-33	1.286E-09	4.923E-06	5.655E-09	1.072E-14
4.800E+03	4.195E-04	5.325E-01	7.655E-06	1.478E-32	1.994E-09	3.920E-06	5.096E-09	1.327E-14
4.900E+03	6.912E-04	5.487E-01	9.860E-06	6.879E-32	2.988E-09	3.198E-06	4.793E-09	1.615E-14
5.000E+03	1.097E-03	5.677E-01	1.300E-05	3.200E-31	4.307E-09	2.658E-06	4.697E-09	1.916E-14
5.100E+03	1.631E-03	5.876E-01	1.748E-05	1.489E-30	5.954E-09	2.233E-06	4.757E-09	2.201E-14
5.200E+03	2.348E-03	6.061E-01	2.384E-05	6.892E-30	7.891E-09	1.881E-06	4.929E-09	2.437E-14
5.300E+03	3.258E-03	6.217E-01	3.277E-05	3.135E-29	1.006E-08	1.580E-06	5.175E-09	2.601E-14
5.400E+03	4.386E-03	6.387E-01	4.512E-05	1.395E-28	1.240E-08	1.321E-06	5.469E-09	2.688E-14
5.500E+03	5.759E-03	6.421E-01	6.200E-05	6.026E-28	1.487E-08	1.101E-06	5.792E-09	2.706E-14
5.600E+03	7.416E-03	6.476E-01	8.479E-05	2.513E-27	1.744E-08	9.156E-07	6.135E-09	2.672E-14
5.700E+03	9.397E-03	6.508E-01	1.152E-04	1.009E-26	2.013E-08	7.612E-07	6.492E-09	2.602E-14
5.800E+03	1.175E-02	6.523E-01	1.554E-04	3.899E-26	2.292E-08	6.337E-07	6.861E-09	2.509E-14
5.900E+03	1.453E-02	6.524E-01	2.080E-04	1.448E-25	2.583E-08	5.288E-07	7.240E-09	2.403E-14
6.000E+03	1.780E-02	6.516E-01	2.763E-04	5.178E-25	2.883E-08	4.425E-07	7.628E-09	2.289E-14
6.100E+03	2.160E-02	6.499E-01	3.641E-04	1.784E-24	3.193E-08	3.715E-07	8.025E-09	2.172E-14
6.200E+03	2.599E-02	6.475E-01	4.764E-04	5.932E-24	3.511E-08	3.128E-07	8.432E-09	2.054E-14
6.300E+03	3.104E-02	6.444E-01	6.191E-04	1.907E-23	3.833E-08	2.643E-07	8.848E-09	1.937E-14
6.400E+03	3.677E-02	6.407E-01	7.991E-04	5.934E-23	4.157E-08	2.239E-07	9.273E-09	1.820E-14
6.500E+03	4.324E-02	6.363E-01	1.025E-03	1.792E-22	4.478E-08	1.902E-07	9.709E-09	1.704E-14
6.600E+03	5.047E-02	6.314E-01	1.308E-03	5.257E-22	4.793E-08	1.620E-07	1.016E-08	1.590E-14
6.700E+03	5.849E-02	6.258E-01	1.659E-03	1.502E-21	5.096E-08	1.382E-07	1.062E-08	1.478E-14
6.800E+03	6.728E-02	6.196E-01	2.095E-03	4.182E-21	5.381E-08	1.182E-07	1.109E-08	1.369E-14
6.900E+03	7.683E-02	6.127E-01	2.634E-03	1.138E-20	5.644E-08	1.012E-07	1.158E-08	1.262E-14
7.000E+03	8.710E-02	6.052E-01	3.299E-03	3.027E-20	5.879E-08	8.681E-08	1.209E-08	1.158E-14
7.100E+03	9.803E-02	5.971E-01	4.116E-03	7.890E-20	6.082E-08	7.455E-08	1.262E-08	1.058E-14
7.200E+03	1.095E-01	5.885E-01	5.120E-03	2.018E-19	6.247E-08	6.409E-08	1.318E-08	9.612E-15
7.300E+03	1.215E-01	5.793E-01	6.350E-03	5.068E-19	6.372E-08	5.516E-08	1.377E-08	8.90E-15
7.400E+03	1.338E-01	5.696E-01	7.856E-03	1.252E-18	6.455E-08	4.751E-08	1.439E-08	7.815E-15
7.500E+03	1.463E-01	5.594E-01	9.696E-03	3.042E-18	6.494E-08	4.096E-08	1.504E-08	6.992E-15
7.600E+03	1.590E-01	5.487E-01	1.194E-02	7.279E-18	6.491E-08	3.532E-08	1.573E-08	6.223E-15
7.700E+03	1.716E-01	5.376E-01	1.466E-02	1.715E-17	6.445E-08	3.047E-08	1.645E-08	5.511E-15
7.800E+03	1.842E-01	5.269E-01	1.795E-02	3.982E-17	6.361E-08	2.628E-08	1.719E-08	4.855E-15
7.900E+03	1.966E-01	5.137E-01	2.191E-02	9.100E-17	6.241E-08	2.266E-08	1.744E-08	4.255E-15
8.000E+03	2.089E-01	5.008E-01	2.664E-02	2.047E-16	6.097E-08	1.950E-08	1.867E-08	3.710E-15
8.100E+03	2.230E-01	4.725E-01	3.880E-02	9.826E-16	5.708E-08	1.435E-08	1.996E-08	2.775E-15
8.200E+03	2.571E-01	4.402E-01	5.506E-02	4.376E-15	5.244E-08	1.039E-08	2.079E-08	2.025E-15
8.300E+03	2.816E-01	4.033E-01	7.567E-02	1.796E-14	4.720E-08	7.328E-09	2.085E-08	1.434E-15
8.400E+03	3.068E-01	3.619E-01	1.003E-01	6.781E-14	4.154E-08	5.000E-09	1.995E-08	9.797E-16
9.000E+03	3.324E-01	3.171E-01	1.279E-01	2.358E-13	3.563E-08	3.277E-09	1.811E-08	6.411E-16
9.200E+03	3.580E-01	2.709E-01	1.571E-01	7.589E-13	2.969E-08	2.055E-09	1.558E-08	3.996E-16

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CG2	C2	T
0.	0.	0.	0.	1.156E-38	6.478E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.670E-26	3.050E-58	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	6.840E-19	7.035E-46	1.000E+00	0.	5.000E+02
1.017E-75	1.064E-76	0.	0.	5.981E-14	1.243E-37	1.000E+00	0.	6.000E+02
2.417E-62	1.442E-64	0.	0.	1.298E-10	2.558E-32	1.000E+00	3.602E-89	7.000E+02
1.762E-53	4.210E-58	0.	0.	9.027E-09	2.616E-30	1.000E+00	3.827E-77	8.000E+02
9.071E-47	2.600E-53	0.	0.	2.121E-07	6.293E-29	1.000E+00	4.989E-68	9.000E+02
4.124E-41	1.767E-44	0.	4.667E-84	2.636E-06	7.958E-28	1.000E+00	9.692E-61	1.000E+03
5.274E-37	2.432E-46	0.	7.960E-74	2.066E-05	6.348E-27	1.000E+00	8.921E-55	1.100E+03
2.632E-33	1.310E-43	0.	2.676E-65	1.146E-04	3.585E-26	9.958E-01	8.332E-50	1.200E+03
3.071E-30	1.667E-41	0.	4.386E-58	4.875E-04	1.552E-25	9.953E-01	1.341E-45	1.300E+03
1.400E-27	1.333E-39	0.	6.690E-52	1.682E-03	5.450E-25	9.975E-01	5.407E-42	1.400E+03
2.824E-25	5.949E-38	2.601E-45	1.518E-46	4.900E-03	1.625E-24	9.926E-01	7.200E-39	1.500E+03
2.946E-23	4.257E-36	7.258E-41	2.888E-42	1.242E-02	1.074E-23	9.813E-01	3.891E-36	1.600E+03
1.762E-21	1.364E-33	3.320E-85	2.324E-39	2.794E-02	4.162E-22	9.580E-01	9.972E-34	1.700E+03
6.603E-20	2.020E-31	5.443E-80	7.151E-37	5.651E-02	1.309E-20	9.147E-01	1.366E-31	1.800E+03
1.715E-18	3.409E-29	2.652E-75	1.160E-34	1.035E-01	2.873E-19	8.432E-01	1.095E-29	1.900E+03
3.142E-17	2.569E-27	4.584E-71	1.086E-32	1.717E-01	4.586E-18	7.377E-01	5.523E-28	2.000E+03
4.277E-16	1.333E-25	3.326E-67	6.260E-31	2.581E-01	5.551E-17	6.010E-01	1.857E-26	2.100E+03
4.557E-15	4.433E-24	1.165E-63	2.338E-29	3.509E-01	5.277E-16	4.477E-01	4.383E-25	2.200E+03
3.849E-14	1.404E-22	2.241E-60	5.924E-28	4.325E-01	4.074E-15	3.009E-01	7.672E-24	2.300E+03
2.782E-13	3.259E-21	2.665E-57	1.067E-26	4.884E-01	2.673E-14	1.816E-01	1.061E-22	2.400E+03
1.743E-12	6.574E-20	2.190E-54	1.436E-25	5.146E-01	1.546E-13	5.896E-02	1.251E-21	2.500E+03
1.000E-11	1.217E-18	1.364E-51	1.519E-24	5.191E-01	8.242E-13	4.960E-02	1.355E-20	2.600E+03
5.404E-11	2.124E-17	6.122E-49	1.326E-23	5.142E-01	4.161E-12	2.360E-02	1.413E-19	2.700E+03
2.763E-10	3.439E-16	2.786E-46	9.921E-23	5.085E-01	1.991E-11	1.105E-02	1.419E-18	2.800E+03
1.320E-09	4.969E-15	7.373E-44	6.536E-22	5.046E-01	8.865E-11	5.250E-03	1.329E-17	2.900E+03
5.831E-09	6.176E-14	1.485E-41	3.488E-21	5.025E-01	3.590E-10	2.572E-03	1.129E-16	3.000E+03
2.372E-08	6.422E-13	2.031E-39	2.151E-20	5.013E-01	1.293E-09	1.308E-03	8.574E-16	3.100E+03
8.949E-08	5.465E-12	1.834E-37	1.140E-19	5.007E-01	4.063E-09	6.911E-04	8.155E-15	3.200E+03
3.049E-07	3.845E-11	1.058E-35	5.682E-19	5.004E-01	1.110E-08	3.789E-04	3.536E-14	3.300E+03
1.001E-06	2.200E-10	4.556E-34	2.943E-18	5.002E-01	2.683E-08	2.150E-04	1.941E-13	3.400E+03
3.034E-06	1.150E-09	1.400E-32	1.406E-17	5.001E-01	5.897E-08	1.260E-04	9.695E-13	3.500E+03
6.003E-06	5.190E-08	3.362E-31	6.342E-17	5.001E-01	1.206E-07	7.608E-05	4.434E-12	3.600E+03
2.534E-05	2.12E-08	6.538E-30	2.691E-16	5.000E-01	2.327E-07	4.21E-05	1.870E-11	3.700E+03
5.78E-05	7.12E-06	1.048E-28	1.079E-15	4.999E-01	4.255E-07	3.004E-05	7.319E-11	3.800E+03
1.499E-04	2.091E-07	1.388E-27	4.128E-15	4.998E-01	7.366E-07	1.956E-05	2.672E-10	3.900E+03
3.406E-04	8.333E-07	1.515E-26	1.525E-14	4.995E-01	1.201E-06	1.302E-05	9.141E-10	4.000E+03
7.631E-04	2.344E-06	1.558E-25	5.499E-14	4.989E-01	1.835E-06	6.833E-06	2.942E-09	4.100E+03
1.042E-03	6.008E-06	1.004E-24	1.944E-13	4.975E-01	2.624E-06	6.100E-06	8.925E-09	4.200E+03
3.578E-03	1.414E-05	6.257E-24	6.704E-13	4.949E-01	3.558E-06	4.275E-06	2.554E-08	4.300E+03
6.760E-03	3.054E-05	3.373E-23	2.232E-12	4.898E-01	4.597E-06	3.040E-06	6.877E-08	4.400E+03
1.284E-02	5.365E-05	1.617E-22	7.068E-12	4.805E-01	5.730E-06	2.179E-06	1.730E-07	4.500E+03
2.344E-02	1.239E-04	7.048E-22	2.055E-11	4.666E-01	6.941E-06	1.567E-06	4.021E-07	4.600E+03
4.030E-02	2.231E-04	2.838E-21	5.713E-11	4.391E-01	8.198E-06	1.124E-06	8.483E-07	4.700E+03
6.496E-02	4.024E-04	1.068E-20	1.409E-10	4.017E-01	9.442E-06	7.951E-07	1.594E-06	4.800E+03
9.741E-02	6.707E-04	3.788E-20	3.102E-10	3.525E-01	1.058E-05	5.494E-07	2.627E-06	4.900E+03
1.355E-01	1.002E-03	1.273E-19	6.066E-10	2.946E-01	1.150E-05	3.670E-07	3.772E-06	5.000E+03
1.753E-01	1.632E-03	4.075E-19	1.057E-09	2.334E-01	1.211E-05	2.354E-07	4.736E-06	5.100E+03
2.124E-01	2.312E-03	1.246E-18	1.659E-09	1.768E-01	1.234E-05	1.447E-07	5.275E-06	5.200E+03
2.536E-01	3.213E-03	3.654E-18	2.384E-09	1.282E-01	1.221E-05	8.555E-08	5.319E-06	5.300E+03
2.675E-01	4.324E-03	1.030E-17	3.190E-09	9.000E-02	1.180E-05	4.911E-08	4.966E-06	5.400E+03
2.845E-01	5.086E-03	2.755E-17	4.044E-09	6.185E-02	1.120E-05	2.765E-08	4.386E-06	5.500E+03
2.955E-01	7.320E-03	7.424E-17	4.922E-09	4.199E-02	1.049E-05	1.543E-08	3.730E-06	5.600E+03
3.020E-01	9.472E-03	1.656E-16	5.815E-09	2.836E-02	9.741E-06	6.593E-09	3.094E-06	5.700E+03
3.050E-01	1.194E-02	4.558E-16	6.717E-09	1.915E-02	4.806E-06	9.001E-09	2.527E-06	5.800E+03
3.055E-01	1.432E-02	1.066E-15	7.624E-09	1.297E-02	8.291E-06	2.709E-09	2.044E-06	5.900E+03
3.060E-01	1.751E-02	2.517E-15	5.331E-09	8.829E-03	7.624E-06	1.541E-09	1.44E-06	6.000E+03
3.009E-01	2.123E-02	5.674E-15	9.424E-09	6.042E-03	7.002E-06	8.854E-10	1.316E-06	6.100E+03
2.964E-01	2.551E-02	1.247E-14	1.031E-08	4.159E-03	6.426E-06	5.140E-10	1.051E-06	6.200E+03
2.907E-01	3.041E-02	2.673E-14	1.115E-08	2.876E-03	5.893E-06	3.014E-10	8.368E-07	6.300E+03
2.838E-01	3.597E-02	5.557E-14	1.193E-08	2.002E-03	5.401E-06	1.783E-10	6.641E-07	6.400E+03
2.758E-01	4.221E-02	1.148E-13	1.264E-08	1.399E-03	4.944E-06	1.064E-10	5.251E-07	6.500E+03
2.667E-01	4.916E-02	2.247E-13	1.325E-08	9.811E-04	4.520E-06	6.391E-11	4.132E-07	6.600E+03
2.566E-01	5.682E-02	4.511E-13	1.373E-08	6.900E-04	4.126E-06	3.864E-11	3.235E-07	6.700E+03
2.454E-01	6.518E-02	8.605E-13	1.408E-08	4.862E-04	3.754E-06	2.348E-11	2.515E-07	6.800E+03
2.333E-01	7.414E-02	1.641E-12	1.425E-08	3.430E-04	3.416E-06	1.433E-11	1.941E-07	6.900E+03
2.203E-01	8.380E-02	3.044E-12	1.425E-08	2.421E-04	3.096E-06	8.766E-12	1.485E-07	7.000E+03
2.066E-01	9.351E-02	5.548E-12	1.407E-08	1.707E-04	2.797E-06	5.375E-12	1.124E-07	7.100E+03
1.923E-01	1.044E-01	9.942E-12	1.371E-08	1.203E-04	2.518E-06	3.300E-12	8.424E-08	7.200E+03
1.777E-01	1.151E-01	1.753E-11	1.317E-08	8.426E-05	2.259E-06	2.026E-12	6.237E-08	7.300E+03
1.628E-01	1.259E-01	3.040E-11	1.247E-08	5.931E-05	2.018E-06	1.244E-12	4.561E-08	7.400E+03
1.479E-01	1.366E-01	5.192E-11	1.165E-08	4.148E-05	1.795E-06	7.629E-13	3.292E-08	7.500E+03
1.333E-01	1.470E-01	8.732E-11	1.074E-08	2.892E-05	1.589E-06	4.672E-13	2.346E-08	7.600E+03
1.192E-01	1.570E-01	1.447E-10	9.762E-09	2.010E-05	1.401E-06	2.857E-13	1.650E-08	7.700E+03
1.057E-01	1.662E-01	2.361E-10	8.765E-09	1.392E-05	1.229E-06	1.743E-13	1.147E-08	7.800E+03
9.311E-02	1.747E-01	3.748E-10	7.780E-09	9.613E-06	1.072E-06	1.061E-13	7.881E-09	7.900E+03
8.149E-02	1.822E-01	6.021E-10	6.835E-09	6.617E-06	9.308E-07	6.448E-14	5.361E-09	8.000E+03
6.142E-02	1.942E-01	1.445E-09	5.146E-09	3.112E-06	6.904E-07	2.361E-14	2.424E-09	8.200E+03
4.560E-02	2.020E-01	3.300E-09	3.790E-09	1.451E-06	5.007E-07	8.538E-15	1.074E-09	8.400E+03
3.336E-02	2.095E-01	7.128E-09	2.755E-09	4.712E-07	3.548E-07	3.040E-15	4.723E-10	8.600E+03
2.461E-02	2.065E-01	1.468E-08	1.991E-09	3.082E-07	2.454E-07	1.060E-15	2.080E-10	8.800E+03
1.802E-02	2.045E-01	2.899E-08	1.434E-09	1.402E-07	1.657E-07	3.604E-16	9.219E-11	9.000E+03
1.321E-02	2.008E-01	5.530E-08	1.030E-09	6.315E-08	1.093E-07	1.190E-16	4.123E-11	9.200E+03

Table II. - Continued.

T	F-	O	O+	O++	O-	O2	O2+	O2-
9.400E+03	3.825E-01	2.254E-01	1.863E-01	2.275E-12	2.398E-08	1.230E-09	1.271E-08	2.366E-16
9.600E+03	4.050E-01	1.829E-01	2.138E-01	6.396E-12	1.877E-08	7.045E-10	9.859E-09	1.330E-16
9.800E+03	4.249E-01	1.480E-01	2.384E-01	1.698E-11	1.427E-08	3.875E-10	7.319E-09	7.134E-17
1.000E+04	4.416E-01	1.128E-01	2.594E-01	4.283E-11	1.057E-08	2.062E-10	5.238E-09	3.674E-17
1.020E+04	4.553E-01	8.646E-02	2.767E-01	1.032E-10	7.663E-09	1.070E-10	3.643E-09	1.833E-17
1.040E+04	4.661E-01	6.587E-02	2.904E-01	2.388E-10	5.474E-09	5.465E-11	2.483E-09	8.951E-18
1.060E+04	4.745E-01	4.943E-02	3.009E-01	5.324E-10	3.872E-09	2.768E-11	1.671E-09	4.319E-18
1.080E+04	4.808E-01	3.716E-02	3.090E-01	1.148E-09	2.726E-09	1.401E-11	1.118E-09	2.075E-18
1.100E+04	4.855E-01	2.793E-02	3.150E-01	2.402E-09	1.916E-09	7.124E-12	7.463E-10	9.999E-19
1.120E+04	4.891E-01	2.107E-02	3.195E-01	4.887E-09	1.350E-09	3.654E-12	4.994E-10	4.853E-19
1.140E+04	4.917E-01	1.595E-02	3.229E-01	9.687E-09	9.543E-10	1.896E-12	3.359E-10	2.381E-19
1.160E+04	4.937E-01	1.214E-02	3.254E-01	1.874E-08	6.784E-10	9.967E-13	2.275E-10	1.185E-19
1.180E+04	4.952E-01	9.284E-03	3.272E-01	3.544E-08	4.853E-10	5.317E-13	1.553E-10	5.978E-20
1.200E+04	4.963E-01	7.180E-03	3.286E-01	6.560E-08	3.496E-10	2.840E-13	1.069E-10	3.064E-20
1.220E+04	4.972E-01	5.540E-03	3.297E-01	1.190E-07	2.536E-10	1.584E-13	7.426E-11	1.596E-20
1.240E+04	4.978E-01	4.319E-03	3.305E-01	2.118E-07	1.854E-10	8.850E-14	5.207E-11	8.446E-21
1.260E+04	4.984E-01	3.389E-03	3.310E-01	3.702E-07	1.365E-10	5.019E-14	3.684E-11	4.541E-21
1.280E+04	4.988E-01	2.675E-03	3.314E-01	6.359E-07	1.012E-10	2.889E-14	2.630E-11	2.480E-21
1.300E+04	4.992E-01	2.125E-03	3.317E-01	1.074E-06	7.565E-11	1.587E-14	1.894E-11	1.375E-21
1.320E+04	4.996E-01	1.698E-03	3.319E-01	1.787E-06	5.692E-11	9.992E-15	1.376E-11	7.742E-22
1.340E+04	4.999E-01	1.364E-03	3.320E-01	2.927E-06	4.312E-11	5.998E-15	1.008E-11	4.421E-22
1.360E+04	5.003E-01	1.102E-03	3.320E-01	4.724E-06	3.289E-11	3.648E-15	7.441E-12	2.560E-22
1.380E+04	5.008E-01	8.953E-04	3.319E-01	7.525E-06	2.525E-11	2.247E-15	5.535E-12	1.502E-22
1.400E+04	5.014E-01	7.310E-04	3.317E-01	1.182E-05	1.951E-11	1.401E-15	4.148E-12	8.934E-23
1.420E+04	5.021E-01	5.998E-04	3.313E-01	1.833E-05	1.517E-11	8.834E-16	3.130E-12	5.380E-23
1.440E+04	5.030E-01	4.945E-04	3.308E-01	2.805E-05	1.187E-11	5.634E-16	2.377E-12	3.280E-23
1.460E+04	5.041E-01	4.096E-04	3.301E-01	4.241E-05	9.378E-12	3.633E-16	1.816E-12	2.024E-23
1.480E+04	5.055E-01	3.408E-04	3.292E-01	6.333E-05	7.392E-12	2.367E-16	1.396E-12	1.263E-23
1.500E+04	5.073E-01	2.847E-04	3.281E-01	9.347E-05	5.885E-12	1.557E-16	1.079E-12	7.975E-24
1.520E+04	5.094E-01	2.388E-04	3.267E-01	1.363E-04	4.711E-12	1.034E-16	8.382E-13	5.089E-24
1.540E+04	5.119E-01	2.011E-04	3.250E-01	1.966E-04	3.792E-12	6.932E-17	6.542E-13	3.282E-24
1.560E+04	5.148E-01	1.700E-04	3.230E-01	2.804E-04	3.069E-12	4.687E-17	5.129E-13	2.137E-24
1.580E+04	5.181E-01	1.442E-04	3.207E-01	3.957E-04	2.495E-12	3.193E-17	4.037E-13	1.405E-24
1.600E+04	5.217E-01	1.227E-04	3.182E-01	5.526E-04	2.039E-12	2.189E-17	3.191E-13	9.325E-25
1.620E+04	5.257E-01	1.047E-04	3.154E-01	7.643E-04	1.73E-12	1.516E-17	2.531E-13	6.239E-25
1.640E+04	5.298E-01	8.968E-05	3.123E-01	1.047E-03	1.378E-12	1.059E-17	2.016E-13	4.208E-25
1.660E+04	5.341E-01	7.699E-05	3.091E-01	1.423E-03	1.139E-12	7.427E-18	1.610E-13	2.858E-25
1.680E+04	5.384E-01	6.627E-05	3.058E-01	1.919E-03	9.451E-13	5.242E-18	1.291E-13	1.954E-25

P/PO = 5.00E-04

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.323E-11	1.760E-18	0.
2.000E+02	0.	3.410E-66	0.	0.	0.	5.155E-11	1.760E-18	0.
3.000E+02	0.	1.578E-44	1.421E-78	0.	0.	5.500E-11	1.760E-18	0.
4.000E+02	0.	1.094E-33	3.706E-61	0.	0.	5.090E-11	1.760E-18	0.
5.000E+02	0.	3.583E-27	1.101E-50	0.	0.	4.714E-11	1.760E-18	0.
6.000E+02	2.206E-90	8.500E-23	1.028E-43	0.	0.	4.954E-11	1.760E-18	0.
7.000E+02	2.058E-75	1.683E-19	6.816E-39	0.	5.499E-88	1.096E-10	1.760E-18	3.342E-82
8.000E+02	7.732E-63	2.328E-16	6.165E-36	0.	9.687E-74	4.239E-09	1.760E-18	4.454E-69
9.000E+02	6.535E-53	7.563E-14	1.065E-33	0.	1.843E-62	9.848E-08	1.760E-18	1.317E-58
1.000E+03	5.878E-45	7.779E-12	6.574E-32	0.	1.961E-53	1.223E-06	1.760E-18	3.154E-50
1.100E+03	1.928E-38	3.455E-10	1.940E-30	0.	4.762E-46	9.590E-06	1.760E-18	2.252E-43
1.200E+03	5.281E-33	8.168E-09	3.262E-29	0.	6.782E-40	5.321E-05	1.760E-18	1.154E-37
1.300E+03	2.133E-28	1.188E-07	3.569E-28	0.	1.092E-34	2.262E-04	1.760E-18	7.780E-33
1.400E+03	1.915E-24	1.180E-06	2.783E-27	0.	3.159E-30	7.801E-04	1.759E-18	1.066E-28
1.500E+03	5.133E-21	8.622E-06	1.660E-26	0.	2.307E-26	2.271E-03	1.762E-18	4.062E-25
1.600E+03	2.262E-18	4.903E-05	1.811E-25	0.	2.413E-23	5.745E-03	4.013E-18	2.393E-22
1.700E+03	8.262E-17	2.262E-04	1.166E-23	0.	1.412E-21	1.288E-02	6.437E-17	8.381E-21
1.800E+03	9.471E-16	8.728E-04	5.974E-22	0.	4.085E-20	2.589E-02	9.490E-16	1.521E-19
1.900E+03	1.053E-14	2.880E-03	2.054E-20	0.	7.938E-19	4.693E-02	1.053E-14	1.916E-18
2.000E+03	9.012E-14	8.281E-03	4.981E-19	0.	1.092E-17	7.661E-02	9.015E-14	1.744E-17
2.100E+03	6.108E-13	2.072E-02	8.932E-18	1.836E-84	1.095E-16	1.120E-01	1.110E-13	1.165E-16
2.200E+03	3.342E-12	4.589E-02	1.238E-16	9.304E-80	8.156E-16	1.452E-01	5.343E-12	5.743E-16
2.300E+03	1.497E-11	8.982E-02	1.372E-15	8.061E-76	4.564E-15	1.649E-01	1.497E-11	2.087E-15
2.400E+03	5.548E-11	1.586E-01	1.246E-14	3.525E-72	1.932E-14	1.623E-01	5.547E-11	5.562E-15
2.500E+03	1.715E-10	2.384E-01	9.501E-14	8.562E-69	6.215E-14	1.366E-01	1.714E-10	1.080E-14
2.600E+03	4.465E-10	3.240E-01	6.209E-13	1.251E-65	1.532E-13	9.778E-02	4.453E-10	1.531E-14
2.700E+03	9.963E-10	3.981E-01	3.534E-12	1.163E-62	7.973E-13	6.042E-02	9.896E-10	1.632E-14
2.800E+03	1.966E-09	4.429E-01	1.774E-11	7.094E-60	4.789E-13	3.357E-02	1.933E-09	1.404E-14
2.900E+03	3.569E-09	4.702E-01	7.920E-11	2.874E-57	3.847E-13	1.770E-02	3.418E-09	1.069E-14
3.000E+03	6.182E-09	4.845E-01	3.148E-10	7.767E-55	9.226E-13	9.248E-03	5.575E-09	7.793E-15
3.100E+03	1.058E-08	4.918E-01	1.107E-09	1.385E-52	1.228E-12	4.906E-03	8.407E-09	5.761E-15
3.200E+03	1.842E-08	4.986E-01	3.405E-09	1.609E-50	1.675E-12	2.672E-03	1.161E-08	4.497E-15
3.300E+03	3.324E-08	4.975E-01	9.123E-09	1.222E-48	2.390E-12	1.500E-03	1.461E-08	3.785E-15
3.400E+03	6.200E-08	4.986E-01	2.157E-08	6.305E-47	3.558E-12	8.686E-04	1.697E-08	3.425E-15
3.500E+03	1.174E-07	4.991E-01	4.619E-08	2.352E-45	5.435E-12	5.179E-04	1.847E-08	3.267E-15
3.600E+03	2.221E-07	4.995E-01	9.180E-08	6.727E-44	8.367E-12	3.774E-04	1.941E-08	3.223E-15
3.700E+03	4.152E-07	4.997E-01	1.721E-07	1.538E-42	1.285E-11	1.997E-04	1.989E-08	3.248E-15
3.800E+03	7.664E-07	4.998E-01	3.063E-07	2.876E-41	1.965E-11	1.287E-04	1.999E-08	3.331E-15
3.900E+03	1.403E-06	4.999E-01	5.182E-07	4.433E-40	3.003E-11	8.480E-05	1.964E-08	3.486E-15

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
9.693E-03	1.462E-01	1.026E-07	7.366E-10	2.813E-08	7.066E-08	3.809E-17	1.863E-11	9.430E+03
7.13E-03	1.412E-01	1.865E-07	5.251E-10	1.241E-08	4.486E-08	1.185E-17	8.524E-12	9.600E+03
5.269E-03	1.864E-01	3.330E-07	3.731E-10	5.440E-09	2.811E-08	3.596E-18	3.955E-12	9.800E+03
3.913E-03	1.624E-01	5.867E-07	2.847E-10	2.378E-09	1.747E-08	1.073E-18	1.866E-12	1.000E+04
2.924E-03	1.786E-01	1.021E-06	1.878E-10	1.042E-09	1.082E-08	3.179E-19	8.965E-13	1.020E+04
2.201E-03	1.756E-01	1.756E-06	1.336E-10	4.598E-10	6.702E-09	9.427E-20	4.394E-13	1.040E+04
1.670E-03	1.735E-01	2.545E-06	9.540E-11	2.052E-10	4.171E-09	2.822E-20	2.199E-13	1.060E+04
1.277E-03	1.710E-01	5.012E-06	6.850E-11	9.294E-11	2.615E-09	8.584E-21	1.124E-13	1.080E+04
9.848E-04	1.705E-01	8.306E-06	4.505E-11	4.264E-11	1.654E-09	2.667E-21	5.863E-14	1.130E+04
7.654E-04	1.695E-01	1.358E-05	3.603E-11	2.012E-11	1.058E-09	8.494E-22	3.121E-14	1.120E+04
5.955E-04	1.684E-01	2.191E-05	2.642E-11	9.634E-12	6.837E-10	2.779E-22	1.694E-14	1.140E+04
4.731E-04	1.683E-01	3.486E-05	1.952E-11	4.707E-12	4.471E-10	9.349E-23	9.371E-15	1.160E+04
3.701E-04	1.678E-01	5.474E-05	1.453E-11	2.346E-12	2.958E-10	3.237E-23	5.276E-15	1.180E+04
3.010E-04	1.675E-01	8.444E-05	1.090E-11	1.193E-12	1.979E-10	1.153E-23	3.022E-15	1.200E+04
2.425E-04	1.672E-01	1.278E-04	8.238E-12	6.183E-13	1.340E-10	4.225E-24	1.760E-15	1.220E+04
1.965E-04	1.670E-01	1.961E-04	6.269E-12	3.266E-13	9.166E-11	1.591E-24	1.040E-15	1.240E+04
1.603E-04	1.668E-01	2.927E-04	4.803E-12	1.757E-13	6.337E-11	6.154E-25	6.242E-16	1.260E+04
1.314E-04	1.665E-01	4.317E-04	3.704E-12	9.614E-14	4.426E-11	2.442E-25	3.797E-16	1.280E+04
1.083E-04	1.662E-01	6.296E-04	2.875E-12	5.351E-14	3.121E-11	9.435E-26	2.340E-16	1.300E+04
8.973E-05	1.658E-01	9.078E-04	2.244E-12	3.026E-14	2.220E-11	4.139E-26	1.460E-16	1.320E+04
7.466E-05	1.653E-01	1.295E-03	1.761E-12	1.737E-14	1.593E-11	1.763E-26	9.208E-17	1.340E+04
6.237E-05	1.647E-01	1.626E-03	1.389E-12	1.012E-14	1.152E-11	7.676E-27	5.869E-17	1.360E+04
5.230E-05	1.638E-01	2.548E-03	1.101E-12	5.972E-15	8.387E-12	3.405E-27	3.775E-17	1.380E+04
4.398E-05	1.629E-01	3.516E-03	8.760E-13	3.570E-15	6.146E-12	1.544E-27	2.447E-17	1.400E+04
3.707E-05	1.611E-01	4.798E-03	6.994E-13	2.159E-15	4.529E-12	7.120E-28	1.597E-17	1.420E+04
3.130E-05	1.592E-01	6.471E-03	5.600E-13	1.319E-15	3.352E-12	3.322E-28	1.047E-17	1.440E+04
2.645E-05	1.568E-01	8.623E-03	4.493E-13	8.133E-16	2.490E-12	1.588E-28	6.891E-18	1.460E+04
2.235E-05	1.555E-01	1.134E-02	3.609E-13	5.055E-16	1.854E-12	7.655E-29	4.540E-18	1.480E+04
1.887E-05	1.499E-01	1.472E-02	2.899E-13	3.163E-16	1.381E-12	3.738E-29	2.988E-18	1.500E+04
1.549E-05	1.447E-01	1.884E-02	2.327E-13	1.989E-16	1.079E-12	1.844E-29	1.961E-18	1.520E+04
1.334E-05	1.397E-01	2.374E-02	1.663E-13	1.255E-16	7.653E-13	9.172E-30	1.280E-18	1.540E+04
1.114E-05	1.323E-01	2.943E-02	1.486E-13	7.946E-17	5.675E-13	4.594E-30	8.285E-19	1.560E+04
9.258E-06	1.247E-01	3.589E-02	1.183E-13	5.031E-17	4.190E-13	2.313E-30	5.309E-19	1.580E+04
7.641E-06	1.164E-01	4.302E-02	9.348E-14	3.184E-17	3.077E-13	1.169E-30	3.361E-19	1.600E+04
6.202E-06	1.074E-01	5.008E-02	7.343E-14	2.012E-17	2.246E-13	5.923E-31	2.094E-19	1.620E+04
5.089E-06	9.803E-02	5.889E-02	5.727E-14	1.267E-17	1.629E-13	3.005E-31	1.291E-19	1.640E+04
4.103E-06	8.647E-02	6.683E-02	4.432E-14	7.967E-18	1.174E-13	1.526E-31	7.619E-20	1.660E+04
3.261E-06	7.847E-02	7.496E-02	3.405E-14	4.993E-18	8.397E-14	7.748E-22	4.664E-20	1.680E+04

P/P0 = 5.00E-04

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.769E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.053E-38	6.116E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.337E-26	2.564E-38	1.000E+00	0.	4.000E+02
3.543E-45	0.	0.	0.	6.183E-19	6.491E-46	1.000E+00	0.	5.000E+02
7.797E-76	1.965E-77	0.	0.	5.237E-14	1.043E-37	1.000E+00	0.	6.000E+02
2.431E-62	1.251E-64	0.	0.	1.184E-10	2.432E-32	1.000E+00	3.125E-89	7.000E+02
1.517E-55	3.902E-58	0.	0.	8.377E-09	2.61E-30	1.030E+00	3.556E-77	8.000E+02
7.817E-47	2.414E-53	0.	0.	1.969E-07	6.293E-29	1.000E+00	4.631E-68	9.000E+02
1.544E-41	1.641E-49	0.	3.734E-84	2.447E-06	7.458E-28	1.000E+00	8.497E-61	1.000E+03
4.21E-37	2.258E-46	0.	6.366E-74	1.918E-05	6.348E-27	1.000E+00	6.252E-55	1.100E+03
2.003E-33	9.373E-44	0.	2.141E-65	1.064E-04	5.855E-26	9.998E-01	7.742E-50	1.200E+03
2.646E-30	1.547E-41	0.	3.504E-58	4.526E-04	1.552E-25	9.99E-01	1.245E-45	1.300E+03
1.07E-27	1.237E-39	0.	5.353E-52	1.581E-03	5.450E-25	9.977E-01	5.019E-42	1.400E+03
2.434E-25	5.556E-38	2.595E-45	1.216E-46	4.550E-03	1.624E-24	9.932E-01	6.685E-39	1.500E+03
2.529E-23	3.755E-36	5.819E-51	2.581E-42	1.154E-02	9.620E-24	9.827E-01	3.613E-36	1.600E+03
1.519E-21	1.093E-33	2.47CE-85	2.157E-39	2.598E-02	3.546E-22	9.609E-01	9.268E-34	1.700E+03
5.760E-20	2.237E-31	4.028E-80	0.662E-37	5.266E-02	1.129E-20	9.206E-01	1.271E-31	1.800E+03
1.481E-18	2.721E-29	1.954E-75	1.085E-34	9.674E-02	2.487E-18	8.534E-01	1.022E-29	1.900E+03
2.719E-17	2.002E-27	3.364E-71	1.021E-32	1.615E-01	3.496E-18	7.537E-01	5.171E-28	2.000E+03
3.728E-16	1.056E-25	2.416E-67	5.934E-31	2.447E-01	4.814E-17	6.226E-01	1.746E-26	2.100E+03
3.902E-15	3.893E-24	8.342E-64	2.240E-29	3.362E-01	4.589E-16	4.728E-01	1.424E-25	2.200E+03
3.385E-14	1.096E-22	1.570E-60	5.748E-28	4.197E-01	3.554E-15	3.255E-01	7.266E-24	2.300E+03
2.416E-13	2.503E-21	1.806E-57	1.049E-26	4.801E-01	2.321E-14	2.021E-01	1.001E-22	2.400E+03
1.502E-12	4.907E-20	1.417E-54	1.427E-25	5.115E-01	1.332E-13	1.135E-01	1.160E-21	2.500E+03
8.406E-11	8.761E-19	6.322E-52	1.520E-24	5.196E-01	6.946E-13	5.856E-02	1.219E-20	2.600E+03
4.502E-10	1.470E-17	3.808E-49	1.330E-23	5.160E-01	3.466E-12	2.851E-02	1.226E-19	2.700E+03
2.205E-10	2.308E-16	1.441E-46	4.932E-23	5.100E-01	1.635E-11	1.356E-02	1.192E-18	2.800E+03
1.070E-09	3.270E-15	3.953E-44	6.517E-22	5.056E-01	7.223E-11	6.500E-03	1.092E-17	2.900E+03
4.699E-09	4.052E-14	7.934E-42	3.848E-21	5.030E-01	2.927E-10	3.149E-03	9.162E-17	3.000E+03
1.405E-08	4.242E-13	1.103E-39	2.100E-20	5.016E-01	1.064E-09	1.631E-03	6.913E-16	3.100E+03
7.134E-08	3.881E-12	1.031E-37	1.691E-19	5.009E-01	3.402E-09	8.626E-04	4.672E-15	3.200E+03
2.477E-07	2.632E-11	6.425E-36	5.511E-19	5.005E-01	9.490E-09	4.732E-04	2.836E-14	3.300E+03
8.013E-07	1.574E-10	2.763E-34	2.707E-18	5.003E-01	2.335E-08	2.687E-04	1.555E-13	3.400E+03
2.428E-06	8.106E-10	8.649E-33	1.277E-17	5.002E-01	5.197E-08	1.575E-04	7.762E-13	3.500E+03
6.624E-06	3.894E-09	2.124E-31	5.712E-17	5.001E-01	1.072E-07	5.509E-05	3.549E-12	3.600E+03
1.667E-05	1.520E-08	4.183E-30	2.408E-16	5.000E-01	2.081E-07	5.900E-05	1.497E-11	3.700E+03
4.783E-05	2.700E-08	6.795E-29	4.584E-16	5.000E-01	3.832E-07	3.755E-05	5.857E-11	3.800E+03
1.108E-04	1.558E-07	9.171E-28	3.635E-15	4.999E-01	6.693E-07	2.446E-05	2.138E-10	3.900E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
4.000E+03	2.567E-06	5.000E-01	8.300E-07	5.631E-39	4.623E-11	5.706E-05	1.878E-08	3.744E-15
4.100E+03	4.739E-06	5.002E-01	1.253E-06	5.873E-38	7.228E-11	3.915E-05	1.734E-08	4.158E-15
4.200E+03	8.865E-06	5.006E-01	1.780E-06	5.048E-37	1.153E-10	2.737E-05	1.543E-08	4.792E-15
4.300E+03	1.677E-05	5.013E-01	2.395E-06	3.634E-36	1.873E-10	1.948E-05	1.330E-08	5.711E-15
4.400E+03	3.182E-05	5.027E-01	3.086E-06	2.252E-35	3.073E-10	1.412E-05	1.122E-08	6.983E-15
4.500E+03	5.992E-05	5.052E-01	3.867E-06	1.241E-34	5.040E-10	1.043E-05	9.391E-09	8.668E-15
4.600E+03	1.107E-04	5.095E-01	4.779E-06	6.276E-34	8.184E-10	7.865E-06	7.920E-09	1.083E-14
4.700E+03	1.991E-04	5.166E-01	5.902E-06	2.995E-33	1.305E-09	6.070E-06	6.821E-09	1.351E-14
4.800E+03	3.453E-04	5.273E-01	7.367E-06	1.383E-32	2.031E-09	4.804E-06	6.071E-09	1.673E-14
4.900E+03	5.744E-04	5.418E-01	9.372E-06	6.294E-32	3.45E-09	3.897E-06	5.624E-09	2.044E-14
5.000E+03	9.134E-04	5.596E-01	1.219E-05	2.857E-31	4.461E-09	3.228E-06	5.478E-09	2.445E-14
5.100E+03	1.388E-03	5.791E-01	1.620E-05	1.297E-30	6.240E-09	2.711E-06	5.430E-09	2.842E-14
5.200E+03	2.021E-03	5.981E-01	2.187E-05	5.866E-29	8.377E-09	2.289E-06	5.76E-09	3.191E-14
5.300E+03	2.833E-03	6.149E-01	2.981E-05	2.624E-28	1.081E-08	1.932E-06	5.821E-09	3.457E-14
5.400E+03	3.849E-03	6.284E-01	4.042E-05	1.152E-28	1.347E-08	1.624E-06	6.132E-09	3.621E-14
5.500E+03	5.083E-03	6.383E-01	5.587E-05	4.922E-28	1.630E-08	1.360E-06	6.485E-09	3.687E-14
5.600E+03	6.576E-03	6.451E-01	7.619E-05	2.037E-27	1.926E-08	1.135E-06	6.863E-09	3.674E-14
5.700E+03	8.364E-03	6.493E-01	1.033E-04	8.136E-27	2.234E-08	9.471E-07	7.261E-09	3.602E-14
5.800E+03	1.049E-02	6.516E-01	1.392E-04	3.130E-26	2.555E-08	7.904E-07	7.672E-09	3.492E-14
5.900E+03	1.300E-02	6.524E-01	1.861E-04	1.159E-25	2.887E-08	6.609E-07	8.095E-09	3.357E-14
6.000E+03	1.594E-02	6.521E-01	2.469E-04	4.133E-25	3.231E-08	5.540E-07	8.528E-09	3.210E-14
6.100E+03	1.938E-02	6.509E-01	3.252E-04	1.421E-24	3.587E-08	4.657E-07	8.972E-09	3.055E-14
6.200E+03	2.336E-02	6.489E-01	4.251E-04	4.713E-24	3.952E-08	3.928E-07	9.426E-09	2.847E-14
6.300E+03	2.793E-02	6.463E-01	5.520E-04	1.511E-23	4.344E-08	3.323E-07	9.890E-09	2.739E-14
6.400E+03	3.314E-02	6.430E-01	7.119E-04	4.693E-23	4.700E-08	2.819E-07	1.036E-08	2.581E-14
6.500E+03	3.903E-02	6.391E-01	9.125E-04	1.413E-22	5.076E-08	2.398E-07	1.085E-08	2.425E-14
6.600E+03	4.565E-02	6.346E-01	1.163E-03	4.135E-22	5.447E-08	2.046E-07	1.134E-08	2.271E-14
6.700E+03	5.301E-02	6.282E-01	1.474E-03	1.177E-21	5.808E-08	1.749E-07	1.185E-08	2.119E-14
6.800E+03	6.111E-02	6.239E-01	1.858E-03	3.266E-21	6.153E-08	1.498E-07	1.238E-08	1.970E-14
6.900E+03	6.997E-02	6.175E-01	2.332E-03	8.848E-21	6.476E-08	1.285E-07	1.292E-08	1.824E-14
7.000E+03	7.954E-02	6.106E-01	2.916E-03	2.344E-20	6.771E-08	1.105E-07	1.348E-08	1.682E-14
7.100E+03	8.980E-02	6.031E-01	3.631E-03	6.078E-20	7.033E-08	9.506E-08	1.406E-08	1.544E-14
7.200E+03	1.007E-01	5.980E-01	4.506E-03	1.546E-19	7.256E-08	8.190E-08	1.466E-08	1.411E-14
7.300E+03	1.121E-01	5.864E-01	5.575E-03	3.859E-19	7.437E-08	7.064E-08	1.529E-08	1.283E-14
7.400E+03	1.239E-01	5.772E-01	6.879E-03	9.469E-19	7.570E-08	6.098E-08	1.596E-08	1.161E-14
7.500E+03	1.360E-01	5.675E-01	8.466E-03	2.286E-18	7.655E-08	5.269E-08	1.666E-08	1.045E-14
7.600E+03	1.484E-01	5.574E-01	1.039E-02	5.433E-18	7.690E-08	4.555E-07	1.739E-08	9.362E-15
7.700E+03	1.608E-01	5.467E-01	1.273E-02	1.272E-17	7.677E-08	3.939E-08	1.816E-08	8.344E-15
7.800E+03	1.732E-01	5.356E-01	1.555E-02	2.934E-17	7.617E-08	3.408E-08	1.896E-08	7.400E-15
7.900E+03	1.856E-01	5.240E-01	1.894E-02	6.667E-17	7.512E-08	2.947E-08	1.977E-08	6.531E-15
8.000E+03	1.978E-01	5.118E-01	2.300E-02	1.492E-16	7.368E-08	2.546E-08	2.059E-08	5.735E-15
8.100E+03	2.219E-01	4.853E-01	3.347E-02	7.122E-16	6.977E-08	1.892E-08	2.211E-08	4.354E-15
8.200E+03	2.457E-01	4.552E-01	4.766E-02	3.171E-15	6.477E-08	1.388E-08	2.326E-08	3.233E-15
8.300E+03	2.697E-01	4.209E-01	6.597E-02	1.308E-14	5.897E-08	9.979E-09	2.371E-08	2.38E-15
8.400E+03	2.942E-01	3.822E-01	8.834E-02	4.983E-14	5.259E-08	6.972E-09	2.320E-08	1.637E-15
8.500E+03	3.193E-01	3.397E-01	1.141E-01	1.752E-13	4.582E-08	4.709E-09	2.163E-08	1.104E-15
9.000E+03	3.446E-01	2.948E-01	1.421E-01	5.704E-13	3.888E-08	3.044E-09	1.917E-08	7.120E-15
9.400E+03	3.693E-01	2.496E-01	1.709E-01	1.729E-12	3.205E-08	1.885E-09	1.613E-08	4.376E-16
9.600E+03	3.926E-01	2.061E-01	1.988E-01	4.910E-12	2.564E-08	1.118E-09	1.292E-08	2.559E-16
9.800E+03	4.136E-01	1.663E-01	2.246E-01	1.315E-11	1.991E-08	6.269E-10	9.885E-09	1.477E-16
1.000E+04	4.318E-01	1.315E-01	2.473E-01	3.340E-11	1.505E-08	3.499E-10	7.273E-09	7.621E-17
1.020E+04	4.471E-01	1.022E-01	2.664E-01	8.097E-11	1.112E-08	1.867E-10	5.183E-09	3.929E-17
1.040E+04	4.594E-01	7.845E-02	2.819E-01	1.882E-10	8.068E-09	9.777E-11	3.606E-09	1.972E-17
1.060E+04	4.691E-01	5.972E-02	2.942E-01	4.212E-10	7.783E-09	5.052E-11	2.468E-09	9.740E-18
1.080E+04	4.766E-01	4.520E-02	3.037E-01	9.109E-10	4.113E-09	2.598E-11	1.672E-09	4.767E-18
1.100E+04	4.823E-01	3.425E-02	3.109E-01	1.910E-09	2.75E-09	1.337E-11	1.129E-09	2.330E-18
1.120E+04	4.866E-01	2.595E-02	3.164E-01	3.891E-09	2.207E-09	6.922E-12	7.010E-10	1.143E-18
1.140E+04	4.898E-01	1.971E-02	3.204E-01	7.721E-09	1.698E-09	3.617E-12	5.149E-10	5.659E-19
1.160E+04	4.922E-01	1.504E-02	3.235E-01	1.495E-08	1.047E-09	1.912E-12	3.502E-10	2.831E-19
1.180E+04	4.940E-01	1.153E-02	3.258E-01	2.829E-08	7.515E-10	1.024E-12	2.799E-10	1.436E-19
1.200E+04	4.954E-01	8.891E-03	3.275E-01	5.240E-08	5.423E-10	5.566E-13	1.655E-10	7.388E-20
1.220E+04	4.965E-01	6.896E-03	3.288E-01	9.509E-08	3.941E-10	3.069E-13	1.153E-10	3.659E-20
1.240E+04	4.973E-01	5.381E-03	3.295E-01	1.693E-07	2.864E-10	1.717E-13	8.093E-11	2.046E-20
1.260E+04	4.979E-01	4.225E-03	3.305E-01	2.959E-07	2.125E-10	9.754E-14	5.733E-11	1.102E-20
1.280E+04	4.984E-01	3.337E-03	3.310E-01	5.085E-07	1.578E-10	5.620E-14	4.096E-11	6.027E-21
1.300E+04	4.989E-01	2.652E-03	3.314E-01	8.597E-07	1.175E-10	3.285E-14	2.953E-11	3.345E-21
1.320E+04	4.992E-01	2.119E-03	3.317E-01	1.429E-06	8.870E-11	1.947E-14	2.146E-11	1.884E-21
1.340E+04	4.996E-01	1.703E-03	3.319E-01	2.347E-06	6.727E-11	1.165E-14	1.573E-11	1.076E-21
1.360E+04	5.000E-01	1.377E-03	3.319E-01	3.793E-06	5.112E-11	7.115E-15	1.162E-11	6.235E-22
1.380E+04	5.004E-01	1.118E-03	3.319E-01	6.025E-06	3.940E-11	4.332E-15	8.644E-12	3.660E-22
1.400E+04	5.009E-01	9.132E-04	3.318E-01	9.468E-06	3.044E-11	2.733E-15	6.480E-12	2.177E-22
1.420E+04	5.015E-01	7.404E-04	3.315E-01	1.469E-05	2.367E-11	1.724E-15	4.891E-12	1.311E-22
1.440E+04	5.023E-01	6.180E-04	3.312E-01	2.249E-05	1.851E-11	1.100E-15	3.711E-12	7.993E-23
1.460E+04	5.032E-01	5.119E-04	3.306E-01	3.403E-05	1.455E-11	7.091E-16	2.847E-12	4.931E-23
1.480E+04	5.044E-01	4.269E-04	3.299E-01	5.088E-05	1.1E-11	4.021E-16	2.115E-12	3.077E-23
1.500E+04	5.057E-01	3.558E-04	3.290E-01	7.517E-05	9.169E-12	3.041E-16	1.690E-12	1.942E-23
1.520E+04	5.077E-01	2.985E-04	3.278E-01	1.098E-04	7.337E-12	2.020E-16	1.314E-12	1.238E-23
1.540E+04	5.098E-01	2.514E-04	3.264E-01	1.586E-04	5.902E-12	1.354E-16	1.027E-12	7.982E-24
1.560E+04	5.123E-01	2.125E-04	3.247E-01	2.265E-04	4.773E-12	9.160E-17	8.057E-13	5.197E-24
1.580E+04	5.152E-01	1.803E-04	3.227E-01	3.202E-04	3.805E-12	6.246E-17	6.349E-13	3.116E-24
1.600E+04	5.185E-01	1.535E-04	3.204E-01	4.479E-04	3.169E-12	4.293E-17	5.025E-13	2.266E-24
1.620E+04	5.222E-01	1.311E-04	3.178E-01	6.203E-04	2.549E-12	2.954E-17	3.990E-13	1.516E-24
1.640E+04	5.261E-01	1.125E-04	3.150E-01	8.512E-04	2.141E-12	2.069E-17	3.181E-13	1.023E-24
1.660E+04	5.302E-01	9.642E-05	3.120E-01	1.158E-03	1.771E-12	1.456E-17	2.544E-13	6.952E-25

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
6.727E-06	6.152E-07	1.027E-26	1.526E-14	4.946E-01	1.105E-06	1.627E-05	7.318E-10	4.000E+03
6.109E-04	1.754E-06	9.489E-26	4.711E-14	4.951E-01	1.715E-06	1.104E-05	2.356E-09	4.100E+03
1.515E-03	4.571E-06	7.258E-25	1.67E-13	4.960E-01	2.499E-06	7.630E-06	7.159E-09	4.200E+03
2.726E-03	1.093E-05	4.005E-24	5.502E-13	4.959E-01	3.434E-06	5.356E-06	2.055E-08	4.300E+03
5.431E-03	2.423E-05	2.572E-23	1.044E-12	4.918E-01	4.493E-06	3.810E-06	5.501E-08	4.400E+03
1.042E-02	5.030E-05	1.254E-22	5.835E-12	4.643E-01	5.655E-06	2.738E-06	1.413E-07	4.500E+03
1.410E-02	9.405E-05	5.525E-22	1.746E-11	4.711E-01	6.904E-06	1.979E-06	3.337E-07	4.600E+03
3.325E-02	1.464E-04	2.241E-21	4.816E-11	4.447E-01	8.215E-06	1.429E-06	7.218E-07	4.700E+03
5.474E-02	3.264E-04	8.474E-21	1.217E-10	4.175E-01	9.537E-06	1.023E-06	1.405E-06	4.800E+03
6.301E-02	5.342E-04	3.013E-20	2.766E-10	3.734E-01	1.079E-05	7.184E-07	2.420E-06	4.900E+03
1.142E-01	1.093E-04	1.015E-19	5.020E-10	3.194E-01	1.167E-05	4.902E-07	3.650E-06	5.000E+03
1.504E-01	1.539E-04	3.251E-19	1.014E-09	2.600E-01	1.265E-05	3.223E-07	4.821E-06	5.100E+03
1.903E-01	1.986E-04	9.752E-19	1.050E-09	2.016E-01	1.307E-05	2.034E-07	5.633E-06	5.200E+03
2.295E-01	2.710E-04	2.574E-18	2.445E-09	1.496E-01	1.311E-05	1.234E-07	5.923E-06	5.300E+03
2.686E-01	3.722E-04	3.557E-18	3.557E-09	1.071E-01	1.261E-05	7.243E-08	5.722E-06	5.400E+03
2.708E-01	4.015E-04	4.57E-17	4.340E-09	7.477E-02	1.227E-05	4.153E-08	5.190E-06	5.500E+03
2.906E-01	4.409E-04	5.562E-17	5.562E-09	5.137E-02	1.157E-05	2.350E-08	4.501E-06	5.600E+03
2.989E-01	4.700E-04	6.404E-16	6.404E-09	3.501E-02	1.061E-05	1.323E-08	3.785E-06	5.700E+03
3.036E-01	5.000E-04	7.450E-16	7.450E-09	2.380E-02	1.003E-05	7.455E-09	3.129E-06	5.800E+03
3.046E-01	5.300E-04	8.519E-16	8.519E-09	1.621E-02	9.267E-06	4.230E-09	2.553E-06	5.900E+03
3.049E-01	5.600E-04	9.503E-15	9.503E-09	1.100E-02	8.543E-06	2.415E-09	2.067E-06	6.000E+03
3.027E-01	1.905E-03	4.559E-15	1.064E-08	7.611E-03	7.665E-06	1.396E-09	1.666E-06	6.100E+03
2.991E-01	2.242E-03	4.974E-15	1.100E-08	5.258E-03	7.234E-06	8.142E-10	1.338E-06	6.200E+03
2.942E-01	2.737E-03	4.130E-14	1.264E-08	3.653E-03	6.649E-06	4.794E-10	1.072E-06	6.300E+03
2.884E-01	3.242E-03	4.479E-14	1.365E-08	2.551E-03	6.107E-06	2.850E-10	8.500E-07	6.400E+03
2.810E-01	3.612E-03	9.172E-14	1.453E-08	1.790E-03	5.605E-06	1.708E-10	6.815E-07	6.500E+03
2.728E-01	4.440E-03	1.039E-13	1.532E-08	1.201E-03	5.139E-06	1.032E-10	5.050E-07	6.600E+03
2.635E-01	5.153E-03	3.611E-13	1.558E-08	8.913E-04	4.705E-06	6.277E-11	4.266E-07	6.700E+03
2.533E-01	5.925E-03	6.553E-13	1.650E-08	6.317E-04	4.300E-06	3.839E-11	3.349E-07	6.800E+03
2.421E-01	6.763E-03	1.314E-12	1.684E-08	4.484E-04	3.923E-06	2.359E-11	2.612E-07	6.900E+03
2.300E-01	7.602E-03	2.430E-12	1.698E-08	3.100E-04	3.570E-06	1.455E-11	2.022E-07	7.000E+03
2.171E-01	8.616E-03	4.445E-12	1.693E-08	2.264E-04	3.240E-06	9.001E-12	1.551E-07	7.100E+03
2.035E-01	9.612E-03	7.770E-12	1.686E-08	1.603E-04	2.931E-06	5.577E-12	1.179E-07	7.200E+03
1.894E-01	1.065E-03	1.406E-11	1.619E-08	1.141E-04	2.643E-06	3.455E-12	8.804E-08	7.300E+03
1.752E-01	1.170E-03	2.440E-11	1.552E-08	8.078E-05	2.375E-06	2.146E-12	6.590E-08	7.400E+03
1.604E-01	1.275E-03	4.171E-11	1.469E-08	5.706E-05	2.125E-06	1.331E-12	4.801E-08	7.500E+03
1.459E-01	1.380E-03	7.023E-11	1.371E-08	4.020E-05	1.894E-06	8.243E-13	3.513E-08	7.600E+03
1.313E-01	1.481E-03	1.105E-10	1.262E-08	2.823E-05	1.680E-06	5.101E-13	2.518E-08	7.700E+03
1.179E-01	1.577E-03	1.955E-10	1.145E-08	1.977E-05	1.484E-06	3.151E-13	1.783E-08	7.800E+03
1.048E-01	1.680E-03	3.071E-10	1.033E-08	1.380E-05	1.304E-06	1.943E-13	1.246E-08	7.900E+03
9.250E-02	1.748E-03	4.075E-10	9.192E-09	9.602E-06	1.141E-06	1.195E-13	8.647E-09	8.000E+03
7.093E-02	1.834E-03	1.181E-09	7.076E-09	4.813E-06	8.598E-07	4.453E-14	4.040E-09	8.200E+03
5.340E-02	1.903E-03	2.700E-09	5.301E-09	2.196E-06	6.344E-07	1.671E-14	1.841E-09	8.400E+03
3.975E-02	2.037E-03	5.090E-09	3.906E-09	1.037E-06	4.579E-07	6.127E-15	8.280E-10	8.600E+03
2.941E-02	2.059E-03	1.220E-08	2.852E-09	4.863E-07	3.230E-07	2.208E-15	3.714E-10	8.800E+03
2.171E-02	2.052E-03	2.422E-08	2.074E-09	2.262E-07	2.226E-07	7.782E-16	1.672E-10	9.000E+03
1.532E-02	2.025E-03	4.634E-08	1.503E-09	1.042E-07	1.500E-07	2.671E-16	7.585E-11	9.200E+03
1.133E-02	1.964E-03	8.602E-08	1.065E-09	4.754E-08	9.891E-08	8.907E-17	3.471E-11	9.400E+03
0.796E-03	1.937E-03	1.555E-07	7.810E-10	2.147E-08	6.403E-08	2.866E-17	1.606E-11	9.600E+03
0.499E-03	1.860E-03	2.774E-07	5.000E-10	9.617E-09	4.004E-08	9.110E-18	7.520E-12	9.800E+03
0.344E-03	1.845E-03	4.661E-07	4.005E-10	4.288E-09	2.577E-09	2.819E-18	3.574E-12	1.000E+04
3.630E-03	1.807E-03	8.113E-07	2.802E-09	1.911E-09	1.616E-08	6.614E-19	1.727E-12	1.020E+04
2.738E-03	1.775E-03	1.345E-06	2.047E-10	6.553E-10	1.012E-08	2.622E-19	8.499E-13	1.040E+04
2.080E-03	1.749E-03	2.435E-06	1.469E-10	3.801E-10	6.350E-09	8.016E-20	4.265E-13	1.060E+04
1.534E-03	1.725E-03	4.071E-06	1.058E-10	1.705E-10	4.006E-09	2.480E-20	2.184E-13	1.080E+04
1.224E-03	1.713E-03	6.723E-06	7.605E-11	8.188E-11	2.547E-09	7.807E-21	1.141E-13	1.100E+04
9.555E-04	1.702E-03	1.096E-05	5.593E-11	3.865E-11	1.634E-09	2.511E-21	6.880E-14	1.120E+04
7.407E-04	1.693E-03	1.763E-05	4.108E-11	1.585E-11	1.059E-09	6.277E-22	3.303E-14	1.140E+04
5.910E-04	1.686E-03	2.804E-05	3.039E-11	5.105E-12	6.940E-10	2.801E-22	1.828E-14	1.160E+04
4.040E-04	1.681E-03	4.398E-05	2.264E-11	4.549E-12	4.549E-10	7.739E-23	1.029E-14	1.180E+04
3.701E-04	1.670E-03	6.895E-05	1.700E-11	2.317E-12	3.061E-10	3.481E-23	5.658E-15	1.200E+04
3.030E-04	1.674E-03	1.041E-04	1.285E-11	1.202E-12	2.087E-10	1.279E-23	3.435E-15	1.220E+04
2.457E-04	1.672E-03	1.572E-04	9.783E-12	6.358E-13	1.424E-10	4.824E-24	2.032E-15	1.240E+04
2.034E-04	1.669E-03	2.346E-04	7.499E-12	3.423E-13	9.868E-11	1.865E-24	1.219E-15	1.260E+04
1.643E-04	1.667E-03	3.460E-04	5.785E-12	1.875E-13	6.909E-11	7.426E-25	7.421E-16	1.280E+04
1.355E-04	1.664E-03	5.046E-04	4.491E-12	1.044E-13	4.874E-11	3.024E-25	4.576E-16	1.300E+04
1.123E-04	1.661E-03	7.278E-04	3.507E-12	5.908E-14	3.470E-11	1.261E-25	2.856E-16	1.320E+04
9.340E-05	1.657E-03	1.038E-03	2.754E-12	3.394E-14	2.491E-11	5.378E-26	1.604E-16	1.340E+04
7.813E-05	1.651E-03	1.466E-03	2.174E-12	1.979E-14	1.803E-11	2.344E-26	1.151E-16	1.360E+04
6.537E-05	1.644E-03	2.047E-03	1.724E-12	1.169E-14	1.514E-11	1.042E-26	7.417E-17	1.380E+04
5.520E-05	1.635E-03	2.830E-03	1.373E-12	6.994E-15	9.647E-12	4.726E-27	4.820E-17	1.400E+04
4.661E-05	1.622E-03	3.604E-03	1.096E-12	4.238E-15	7.122E-12	2.183E-27	3.155E-17	1.420E+04
3.943E-05	1.608E-03	5.232E-03	8.806E-13	2.595E-15	5.284E-12	1.028E-27	2.078E-17	1.440E+04
3.361E-05	1.580E-03	6.995E-03	7.081E-13	1.605E-15	3.937E-12	4.894E-28	1.374E-17	1.460E+04
2.833E-05	1.559E-03	9.241E-03	5.704E-13	1.001E-15	2.942E-12	2.369E-28	9.114E-18	1.480E+04
2.401E-05	1.526E-03	1.206E-02	4.599E-13	6.289E-16	2.203E-12	1.161E-28	6.050E-18	1.500E+04
2.033E-05	1.490E-03	1.553E-02	3.706E-13	3.977E-16	1.651E-12	5.758E-29	4.011E-18	1.520E+04
1.717E-05	1.437E-03	1.971E-02	2.986E-13	2.526E-16	1.236E-12	2.883E-29	2.650E-18	1.540E+04
1.445E-05	1.373E-03	2.466E-02	2.400E-13	1.610E-16	9.244E-13	1.455E-29	1.741E-18	1.560E+04
1.211E-05	1.312E-03	3.036E-02	1.922E-13	1.024E-16	6.849E-13	7.392E-30	1.155E-18	1.580E+04
1.009E-05	1.237E-03	3.674E-02	1.533E-13	6.573E-17	5.113E-13	3.774E-30	7.322E-19	1.600E+04
8.332E-06	1.154E-03	4.385E-02	1.216E-13	4.198E-17	3.775E-13	1.933E-30	4.688E-19	1.620E+04
6.806E-06	1.060E-03	5.140E-02	9.589E-14	2.678E-17	2.771E-13	9.927E-31	2.937E-19	1.640E+04
5.001E-06	9.734E-04	5.927E-02	7.509E-14	1.704E-17	2.021E-13	5.104E-31	1.822E-19	1.660E+04



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.680E+04	5.344E-01	8.303E-05	3.088E-01	1.562E-03	1.469E-12	1.029E-17	2.042E-13	4.758E-25
1.700E+04	5.386E-01	7.168E-05	3.055E-01	2.090E-03	1.223E-12	7.310E-18	1.644E-13	3.277E-25
1.720E+04	5.427E-01	6.202E-05	3.020E-01	2.777E-03	1.020E-12	5.223E-18	1.327E-13	2.270E-25
1.740E+04	5.468E-01	5.378E-05	2.994E-01	3.665E-03	8.534E-13	3.751E-18	1.075E-13	1.580E-25
1.760E+04	5.506E-01	4.671E-05	2.947E-01	4.802E-03	7.152E-13	2.705E-19	8.722E-14	1.105E-25
1.780E+04	5.543E-01	4.063E-05	2.908E-01	6.251E-03	6.004E-13	1.958E-18	7.090E-14	7.7E-26
1.800E+04	5.579E-01	3.539E-05	2.864E-01	8.081E-03	5.048E-13	1.422E-18	5.770E-14	5.465E-26
1.820E+04	5.613E-01	3.084E-05	2.820E-01	1.037E-02	4.247E-13	1.035E-18	4.696E-14	3.858E-26
1.840E+04	5.647E-01	2.688E-05	2.770E-01	1.321E-02	3.576E-13	7.540E-19	3.818E-14	2.727E-26
1.860E+04	5.680E-01	2.343E-05	2.713E-01	1.669E-02	3.011E-13	5.493E-19	3.099E-14	1.929E-26
1.880E+04	5.714E-01	2.089E-05	2.648E-01	2.090E-02	2.534E-13	3.997E-19	2.506E-14	1.363E-26
1.900E+04	5.750E-01	1.773E-05	2.574E-01	2.593E-02	2.130E-13	2.900E-19	2.017E-14	9.610E-27

P/P0 = 6.00E-04

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.475E-11	1.760E-18	0.
2.000E+02	0.	3.113E-66	0.	0.	0.	5.157E-11	1.760E-18	0.
3.000E+02	0.	1.441E-44	1.297E-78	0.	0.	5.507E-11	1.760E-18	0.
4.000E+02	0.	9.851E-34	3.431E-61	0.	0.	4.951E-11	1.760E-18	0.
5.000E+02	0.	3.384E-27	9.858E-51	0.	0.	4.898E-11	1.760E-18	0.
6.000E+02	1.871E-90	7.826E-23	9.307E-44	0.	0.	5.041E-11	1.760E-18	0.
7.000E+02	1.621E-75	1.403E-19	6.400E-33	0.	4.612E-88	1.036E-10	1.760E-18	2.985E-22
8.000E+02	6.074E-63	2.062E-16	5.800E-36	0.	8.076E-74	3.991E-09	1.760E-18	3.948E-69
9.000E+02	5.125E-53	6.698E-14	1.002E-33	0.	1.536E-62	9.268E-08	1.760E-18	1.166E-58
1.000E+03	4.610E-45	6.809E-12	6.205E-32	0.	1.634E-53	1.151E-06	1.760E-18	2.793E-50
1.100E+03	1.513E-38	3.059E-10	1.918E-30	0.	3.969E-46	9.024E-06	1.760E-18	1.995E-43
1.200E+03	4.141E-33	7.283E-09	3.070E-29	0.	5.655E-40	5.007E-05	1.760E-18	1.022E-37
1.300E+03	1.673E-28	1.052E-07	3.358E-28	0.	9.097E-35	2.129E-04	1.760E-18	6.891E-33
1.400E+03	1.532E-24	1.045E-06	2.619E-27	0.	2.633E-30	7.341E-04	1.759E-18	9.445E-29
1.500E+03	4.029E-21	7.687E-06	1.561E-26	0.	1.924E-26	2.138E-03	1.761E-18	3.602E-25
1.600E+03	1.934E-18	4.344E-05	1.565E-25	0.	2.193E-23	5.410E-03	3.685E-18	2.312E-22
1.700E+03	5.541E-17	2.005E-04	9.733E-24	0.	1.329E-21	1.214E-02	5.716E-17	8.390E-21
1.800E+03	8.403E-16	7.744E-04	4.979E-22	0.	3.854E-20	2.446E-02	8.422E-16	1.529E-19
1.900E+03	9.356E-15	2.560E-03	1.712E-20	0.	7.525E-19	4.449E-02	9.300E-15	1.937E-18
2.000E+03	8.033E-14	7.355E-03	4.151E-19	0.	1.041E-17	7.305E-02	8.036E-14	1.779E-17
2.100E+03	5.469E-13	1.855E-02	7.424E-18	3.751E-84	1.053E-16	1.077E-01	5.471E-13	1.204E-16
2.200E+03	3.011E-12	4.135E-02	1.034E-16	7.170E-80	7.946E-16	1.414E-01	3.012E-12	6.051E-16
2.300E+03	1.361E-11	8.166E-02	1.143E-15	6.158E-76	4.526E-15	1.636E-01	1.361E-11	2.258E-15
2.400E+03	5.103E-11	1.481E-01	1.038E-14	2.661E-72	1.961E-14	1.647E-01	5.102E-11	6.233E-15
2.500E+03	1.601E-10	2.226E-01	7.918E-14	6.371E-69	6.500E-14	1.428E-01	1.600E-10	1.265E-14
2.600E+03	4.240E-10	3.078E-01	5.175E-13	9.146E-66	1.659E-13	1.059E-01	4.231E-10	1.885E-14
2.700E+03	9.624E-10	3.818E-01	2.947E-12	8.362E-63	3.331E-13	6.772E-02	9.568E-10	2.120E-14
2.800E+03	1.924E-09	4.340E-01	1.480E-11	5.039E-60	5.512E-13	3.869E-02	1.896E-09	1.901E-14
2.900E+03	3.517E-09	4.650E-01	6.621E-11	2.032E-57	8.009E-13	2.077E-02	3.391E-09	1.484E-14
3.000E+03	6.097E-09	4.816E-01	2.644E-10	5.512E-55	1.085E-12	1.097E-02	5.586E-09	1.094E-14
3.100E+03	1.037E-08	4.903E-01	9.383E-10	9.980E-53	1.440E-12	5.849E-03	8.523E-09	8.078E-15
3.200E+03	1.782E-08	4.947E-01	2.928E-09	1.192E-50	1.941E-12	3.195E-03	1.196E-08	6.243E-15
3.300E+03	3.163E-08	4.970E-01	7.982E-09	9.366E-49	2.726E-12	1.797E-03	1.532E-08	5.177E-15
3.400E+03	5.809E-08	4.983E-01	1.917E-08	4.984E-47	3.999E-12	1.041E-03	1.804E-08	4.616E-15
3.500E+03	1.088E-07	4.990E-01	4.153E-08	1.902E-45	6.041E-12	6.210E-04	1.992E-08	4.356E-15
3.600E+03	2.042E-07	4.994E-01	8.318E-08	5.524E-44	9.231E-12	3.808E-04	2.110E-08	4.265E-15
3.700E+03	3.797E-07	4.996E-01	1.568E-07	1.277E-42	1.410E-11	2.396E-04	2.175E-08	4.276E-15
3.800E+03	6.971E-07	4.998E-01	2.806E-07	2.414E-41	2.145E-11	1.544E-04	2.197E-08	4.363E-15
3.900E+03	1.267E-06	4.999E-01	4.779E-07	3.771E-40	3.256E-11	1.017E-04	2.174E-08	4.534E-15
4.000E+03	2.298E-06	5.000E-01	7.726E-07	4.879E-39	4.966E-11	6.846E-05	2.097E-08	4.826E-15
4.100E+03	4.192E-06	5.002E-01	1.180E-06	5.210E-38	7.673E-11	4.697E-05	1.959E-08	5.296E-15
4.200E+03	7.741E-06	5.005E-01	1.698E-06	4.597E-37	1.208E-10	3.283E-05	1.767E-08	6.022E-15
4.300E+03	1.447E-05	5.011E-01	2.312E-06	3.390E-36	1.938E-10	2.335E-05	1.540E-08	7.087E-15
4.400E+03	2.719E-05	5.022E-01	3.008E-06	2.141E-35	3.148E-10	1.691E-05	1.311E-08	8.575E-15
4.500E+03	5.087E-05	5.043E-01	3.789E-06	1.194E-34	5.127E-10	1.247E-05	1.102E-08	1.056E-14
4.600E+03	9.379E-05	5.080E-01	4.688E-06	6.058E-34	8.294E-10	9.382E-06	9.297E-09	1.313E-14
4.700E+03	1.688E-04	5.141E-01	5.774E-06	2.880E-33	1.322E-09	7.215E-06	7.970E-09	1.633E-14
4.800E+03	2.939E-04	5.237E-01	7.161E-06	1.316E-32	2.060E-09	5.683E-06	7.030E-09	2.022E-14
4.900E+03	4.923E-04	5.386E-01	9.026E-06	5.894E-32	3.123E-09	4.588E-06	6.437E-09	2.475E-14
5.000E+03	7.897E-04	5.532E-01	1.162E-05	2.624E-31	4.576E-09	3.787E-06	6.137E-09	2.976E-14
5.100E+03	1.212E-03	5.721E-01	1.528E-05	1.168E-30	6.459E-09	3.175E-06	6.071E-09	3.487E-14
5.200E+03	1.781E-03	5.913E-01	2.044E-05	5.184E-30	8.759E-09	2.684E-06	6.182E-09	3.958E-14
5.300E+03	2.519E-03	6.088E-01	2.767E-05	2.283E-29	1.142E-08	2.273E-06	6.419E-09	4.339E-14
5.400E+03	3.444E-03	6.235E-01	3.768E-05	9.891E-29	1.437E-08	1.919E-06	6.740E-09	4.597E-14
5.500E+03	4.579E-03	6.346E-01	5.138E-05	4.186E-28	1.752E-08	1.613E-06	7.115E-09	4.729E-14
5.600E+03	5.952E-03	6.465E-01	6.988E-05	1.720E-27	2.084E-08	1.352E-06	7.524E-09	4.750E-14
5.700E+03	7.594E-03	6.477E-01	9.458E-05	6.835E-27	2.429E-08	1.131E-06	7.956E-09	4.686E-14
5.800E+03	9.548E-03	6.507E-01	1.272E-04	2.619E-26	2.787E-08	9.460E-07	8.405E-09	4.564E-14
5.900E+03	1.185E-02	6.521E-01	1.699E-04	9.672E-26	3.158E-08	7.924E-07	8.868E-09	4.405E-14
6.000E+03	1.456E-02	6.523E-01	2.253E-04	3.41E-25	3.543E-08	6.652E-07	9.342E-09	4.224E-14
6.100E+03	1.772E-02	6.519E-01	2.966E-04	1.180E-24	3.940E-08	5.599E-07	9.828E-09	4.031E-14
6.200E+03	2.139E-02	6.489E-01	3.875E-04	3.909E-24	4.349E-08	4.728E-07	1.033E-08	3.832E-14
6.300E+03	2.560E-02	6.486E-01	5.028E-04	1.251E-23	4.767E-08	4.004E-07	1.083E-08	3.630E-14
6.400E+03	3.042E-02	6.447E-01	6.481E-04	3.879E-23	5.190E-08	3.401E-07	1.135E-08	3.429E-14
6.500E+03	3.587E-02	6.412E-01	8.301E-04	1.166E-22	5.616E-08	2.867E-07	1.188E-08	3.230E-14

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
4.535E-06	8.797E-02	6.724E-02	5.837E-14	1.080E-17	1.445E-13	2.626E-31	1.113E-19	1.640E+04
3.643E-06	7.864E-02	7.513E-02	4.505E-14	6.837E-18	1.055E-13	1.352E-31	6.704E-20	1.700E+04
2.906E-06	6.969E-02	8.274E-02	3.452E-14	4.314E-18	7.551E-14	6.958E-32	3.984E-20	1.720E+04
2.302E-06	6.118E-02	8.990E-02	2.628E-14	2.715E-18	5.375E-14	3.583E-32	2.337E-20	1.740E+04
1.813E-06	5.328E-02	9.651E-02	1.989E-14	1.706E-18	3.808E-14	1.846E-32	1.356E-20	1.760E+04
1.422E-06	4.608E-02	1.025E-01	1.498E-14	1.070E-18	2.687E-14	9.514E-33	7.795E-21	1.780E+04
1.110E-06	3.962E-02	1.077E-01	1.124E-14	6.703E-19	1.889E-14	4.908E-33	4.450E-21	1.800E+04
8.647E-07	3.391E-02	1.123E-01	3.410E-15	4.199E-19	1.324E-14	2.535E-33	2.528E-21	1.820E+04
6.723E-07	2.891E-02	1.162E-01	6.283E-15	2.631E-19	9.262E-15	1.311E-33	1.432E-21	1.840E+04
5.223E-07	2.454E-02	1.194E-01	4.691E-15	1.649E-19	6.465E-15	6.784E-34	8.100E-22	1.860E+04
4.054E-07	2.086E-02	1.220E-01	3.504E-15	1.034E-19	4.503E-15	3.511E-34	4.586E-22	1.880E+04
3.157E-07	1.767E-02	1.240E-01	2.621E-15	6.493E-20	3.131E-15	1.817E-34	2.594E-22	1.900E+04

P/P0 = 6.00E-04

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.529E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	9.831E-39	5.578E-79	1.000E+02	0.	3.000E+02
0.	0.	0.	0.	2.164E-26	2.441E-58	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	5.537E-19	5.596E-66	1.000E+00	0.	5.000E+02
2.842E-55	0.	0.	0.	4.739E-14	9.277E-38	1.000E+00	0.	6.000E+02
6.385E-76	6.409E-77	0.	0.	1.112E-10	2.416E-32	1.000E+00	2.916E-89	7.000E+02
2.143E-62	1.167E-64	0.	0.	7.881E-09	2.611E-30	1.000E+00	3.343E-77	8.000E+02
1.343E-53	3.669E-58	0.	0.	1.853E-07	6.292E-29	1.000E+00	4.358E-68	9.000E+02
6.922E-47	2.271E-53	0.	0.	2.302E-06	7.953E-28	1.000E+00	8.446E-61	1.000E+03
1.621E-41	1.544E-49	0.	3.111E-84	1.805E-05	6.348E-27	1.000E+00	7.794E-55	1.100E+03
4.025E-37	2.124E-46	0.	5.307E-74	1.001E-04	3.555E-26	9.898E-01	7.284E-50	1.200E+03
1.854E-33	8.821E-44	0.	1.784E-65	4.259E-04	1.552E-25	9.994E-01	1.172E-45	1.300E+03
2.343E-30	1.456E-41	0.	2.924E-58	4.469E-03	5.450E-25	9.978E-01	4.724E-42	1.400E+03
1.069E-27	1.164E-39	0.	4.461E-52	4.263E-03	1.623E-24	9.936E-01	6.291E-39	1.500E+03
2.156E-25	5.221E-38	2.591E-95	1.015E-46	1.086E-02	8.831E-24	9.837E-01	3.402E-36	1.600E+03
2.240E-23	3.070E-36	4.899E-91	2.345E-42	2.029E-39	2.449E-02	3.191E-22	8.729E-34	1.700E+03
1.346E-21	9.115E-34	1.941E-85	6.287E-37	4.970E-02	1.001E-20	9.251E-01	1.198E-31	1.800E+03
5.111E-20	1.880E-31	3.150E-80	1.026E-34	9.155E-02	2.202E-19	8.614E-01	9.648E-30	1.900E+03
1.314E-18	2.263E-29	1.524E-75	9.706E-33	1.535E-01	3.526E-18	7.661E-01	4.897E-28	2.000E+03
2.416E-17	1.713E-27	2.612E-71	5.675E-31	2.340E-01	4.286E-17	6.397E-01	1.640E-26	2.100E+03
3.318E-16	8.748E-26	1.863E-67	2.140E-29	3.242E-01	4.092E-16	4.930E-01	3.954E-25	2.200E+03
3.534E-15	3.211E-24	6.363E-64	5.599E-20	4.088E-01	3.174E-15	3.459E-01	6.952E-24	2.300E+03
3.023E-14	8.971E-23	1.178E-60	1.033E-26	4.726E-01	2.070E-14	2.194E-01	9.550E-23	2.400E+03
2.154E-13	2.020E-21	1.322E-57	1.418E-25	5.082E-01	1.181E-13	1.264E-01	1.095E-21	2.500E+03
1.332E-12	3.845E-20	1.001E-54	1.519E-24	5.196E-01	6.138E-13	6.675E-02	1.126E-20	2.600E+03
7.444E-12	6.743E-19	5.620E-52	1.332E-23	5.173E-01	3.000E-12	3.315E-02	1.099E-19	2.700E+03
3.892E-11	1.797E-17	2.485E-49	9.946E-23	5.113E-01	1.396E-11	1.598E-02	1.040E-18	2.800E+03
1.931E-10	1.676E-16	8.784E-47	6.508E-22	5.065E-01	6.117E-11	7.723E-03	9.343E-18	2.900E+03
9.037E-10	2.338E-15	2.385E-44	3.822E-21	5.036E-01	2.476E-10	3.420E-03	7.744E-17	3.000E+03
3.943E-09	2.873E-14	4.754E-42	2.066E-20	5.019E-01	9.053E-10	1.952E-03	5.805E-16	3.100E+03
1.593E-08	3.017E-13	6.673E-40	1.058E-19	5.011E-01	2.932E-09	1.034E-03	3.909E-15	3.200E+03
5.957E-08	2.648E-12	6.386E-38	5.250E-19	5.006E-01	8.313E-09	5.674E-04	2.369E-14	3.300E+03
2.067E-07	1.924E-11	4.112E-36	2.539E-18	5.004E-01	2.077E-08	3.222E-04	1.298E-13	3.400E+03
6.683E-07	1.168E-10	1.822E-34	5.867E-17	5.002E-01	4.675E-08	1.680E-04	6.474E-13	3.500E+03
2.024E-06	6.079E-10	5.867E-33	5.253E-17	5.001E-01	9.714E-08	1.141E-04	2.959E-12	3.600E+03
5.772E-06	2.791E-09	1.454E-31	2.202E-16	5.001E-01	1.897E-07	7.080E-05	1.248E-11	3.700E+03
1.556E-05	1.154E-08	2.896E-30	8.723E-16	5.000E-01	3.511E-07	4.506E-05	4.882E-11	3.800E+03
3.986E-05	4.352E-08	4.754E-29	3.284E-15	4.999E-01	6.174E-07	2.935E-05	1.782E-10	3.900E+03
9.733E-05	1.504E-07	6.502E-28	1.188E-14	4.997E-01	1.029E-06	1.953E-05	6.101E-10	4.000E+03
2.273E-04	4.761E-07	7.414E-27	4.169E-14	4.992E-01	1.616E-06	1.326E-05	1.965E-09	4.100E+03
5.093E-04	1.377E-06	7.018E-26	1.433E-13	4.984E-01	2.387E-06	9.160E-06	5.977E-09	4.200E+03
1.097E-03	3.639E-06	5.514E-25	4.824E-13	4.966E-01	3.323E-06	6.433E-06	1.710E-08	4.300E+03
2.276E-03	8.816E-06	3.631E-24	1.581E-12	4.931E-01	4.395E-06	4.580E-06	4.668E-08	4.400E+03
4.548E-03	1.977E-05	2.047E-23	4.987E-12	4.868E-01	5.580E-06	3.287E-06	1.194E-07	4.500E+03
8.742E-03	4.149E-05	1.013E-22	1.492E-11	4.757E-01	6.859E-06	2.380E-06	2.851E-07	4.600E+03
1.611E-02	8.223E-05	4.513E-22	4.172E-11	4.572E-01	8.210E-06	1.735E-06	6.276E-07	4.700E+03
2.831E-02	1.548E-04	1.843E-21	1.072E-10	4.289E-01	9.591E-06	1.252E-06	1.253E-06	4.800E+03
4.703E-02	2.772E-04	7.000E-21	2.494E-10	3.891E-01	1.093E-05	8.897E-07	2.231E-06	4.900E+03
7.329E-02	4.723E-04	2.497E-20	5.200E-10	3.386E-01	1.213E-05	4.167E-07	3.498E-06	5.000E+03
1.065E-01	7.060E-04	8.422E-20	9.694E-10	2.812E-01	1.306E-05	4.133E-07	4.814E-06	5.100E+03
1.443E-01	1.183E-03	2.702E-19	1.624E-09	2.225E-01	1.364E-05	2.644E-07	5.853E-06	5.200E+03
1.826E-01	1.747E-03	8.277E-19	2.471E-09	1.683E-01	1.383E-05	1.650E-07	6.378E-06	5.300E+03
2.178E-01	2.478E-03	2.429E-18	3.470E-09	1.226E-01	1.365E-05	9.875E-08	6.351E-06	5.400E+03
2.470E-01	3.393E-03	6.851E-18	4.567E-09	8.683E-02	1.318E-05	5.754E-08	5.900E-06	5.500E+03
2.694E-01	4.515E-03	1.861E-17	5.720E-09	6.031E-02	1.251E-05	3.297E-08	5.212E-06	5.600E+03
2.853E-01	5.869E-03	4.878E-17	6.901E-09	4.145E-02	1.174E-05	1.875E-08	4.448E-06	5.700E+03
2.957E-01	7.488E-03	1.237E-16	8.098E-09	2.836E-02	1.094E-05	1.065E-08	3.711E-06	5.800E+03
3.018E-01	9.409E-03	3.038E-16	9.304E-09	1.940E-02	1.014E-05	6.073E-09	3.051E-06	5.900E+03
3.048E-01	1.167E-02	7.240E-16	1.051E-08	1.331E-02	9.366E-06	3.485E-06	2.484E-06	6.000E+03
3.053E-01	1.433E-02	1.677E-15	1.172E-08	9.176E-03	8.639E-06	2.022E-09	2.014E-06	6.100E+03
3.039E-01	1.742E-02	3.782E-15	1.292E-08	6.358E-03	7.961E-06	1.183E-09	1.626E-06	6.200E+03
3.010E-01	2.099E-02	8.312E-15	1.408E-08	4.430E-03	7.330E-06	6.992E-10	1.308E-06	6.300E+03
2.557E-01	2.509E-02	1.782E-14	1.520E-08	3.103E-03	6.745E-06	4.171E-10	1.050E-06	6.400E+03
2.914E-01	2.976E-02	3.733E-14	1.625E-08	2.184E-03	6.203E-06	2.510E-10	8.404E-07	6.500E+03
2.849E-01	3.504E-02	7.645E-14						

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
6.600E+03	4.201E-02	6.371E-01	1.057E-03	3.403E-22	6.038E-08	2.474E-07	1.242E-08	3.032E-14
6.700E+03	4.886E-02	6.324E-01	1.338E-03	9.664E-22	6.453E-08	2.117E-07	1.298E-08	2.838E-14
6.800E+03	5.643E-02	6.271E-01	1.686E-03	2.674E-21	6.852E-08	1.816E-07	1.355E-08	2.647E-14
6.900E+03	6.473E-02	6.212E-01	2.114E-03	7.223E-21	7.232E-08	1.561E-07	1.413E-08	2.459E-14
7.000E+03	7.374E-02	6.147E-01	2.639E-03	1.937E-20	7.583E-08	1.343E-07	1.473E-08	2.276E-14
7.100E+03	8.344E-02	6.077E-01	3.281E-03	4.926E-20	7.902E-08	1.158E-07	1.536E-08	2.096E-14
7.200E+03	9.377E-02	6.000E-01	4.065E-03	1.247E-19	8.180E-08	9.995E-08	1.601E-08	1.925E-14
7.300E+03	1.047E-01	5.918E-01	5.020E-03	3.100E-19	8.413E-08	8.636E-08	1.668E-08	1.758E-14
7.400E+03	1.160E-01	5.831E-01	6.182E-03	7.570E-19	8.597E-08	7.469E-08	1.739E-08	1.598E-14
7.500E+03	1.278E-01	5.738E-01	7.592E-03	1.818E-18	8.728E-08	6.465E-08	1.813E-08	1.446E-14
7.600E+03	1.398E-01	5.641E-01	9.300E-03	4.298E-18	8.804E-08	5.599E-08	1.890E-08	1.302E-14
7.700E+03	1.521E-01	5.539E-01	1.137E-02	1.001E-17	8.826E-08	4.852E-08	1.971E-08	1.166E-14
7.800E+03	1.643E-01	5.422E-01	1.386E-02	2.296E-17	8.794E-08	4.206E-08	2.056E-08	1.040E-14
7.900E+03	1.766E-01	5.321E-01	1.695E-02	5.193E-17	8.710E-08	3.646E-08	2.143E-08	9.227E-15
8.000E+03	1.888E-01	5.204E-01	2.042E-02	1.157E-16	8.579E-08	3.159E-08	2.231E-08	8.147E-15
8.200E+03	2.128E-01	4.981E-01	2.968E-02	5.489E-16	8.192E-08	2.364E-08	2.401E-08	6.260E-15
8.400E+03	2.364E-01	4.667E-01	4.232E-02	2.438E-15	7.669E-08	1.751E-08	2.541E-08	4.710E-15
8.500E+03	2.601E-01	4.345E-01	5.884E-02	1.008E-14	7.044E-08	1.276E-08	2.619E-08	3.459E-15
8.600E+03	2.841E-01	3.977E-01	7.937E-02	3.863E-14	6.345E-08	9.068E-09	2.604E-08	2.468E-15
8.800E+03	3.087E-01	3.574E-01	1.035E-01	1.369E-13	5.593E-08	6.243E-09	2.477E-08	1.701E-15
9.000E+03	3.337E-01	3.140E-01	1.303E-01	4.499E-13	4.911E-08	4.140E-09	2.245E-08	1.126E-15
9.200E+03	3.584E-01	2.694E-01	1.584E-01	1.376E-12	4.028E-08	2.635E-09	1.936E-08	7.123E-16
9.400E+03	3.820E-01	2.266E-01	1.864E-01	3.940E-12	3.277E-08	1.608E-09	1.590E-08	4.297E-16
9.600E+03	4.038E-01	1.846E-01	2.128E-01	1.063E-11	2.590E-08	5.418E-10	1.248E-08	2.472E-16
9.800E+03	4.232E-01	1.479E-01	2.366E-01	2.718E-11	1.991E-08	5.316E-10	9.396E-09	1.361E-16
1.020E+04	4.396E-01	1.184E-01	2.572E-01	6.624E-11	1.494E-08	2.909E-10	6.839E-09	7.218E-17
1.040E+04	4.532E-01	9.032E-02	2.742E-01	1.546E-10	1.100E-08	1.555E-10	4.846E-09	3.715E-17
1.060E+04	4.641E-01	6.939E-02	2.879E-01	3.472E-10	7.975E-09	8.182E-11	3.367E-09	1.873E-17
1.080E+04	4.726E-01	5.296E-02	2.987E-01	7.529E-10	5.727E-09	4.269E-11	2.309E-09	9.322E-18
1.100E+04	4.791E-01	4.031E-02	3.069E-01	1.582E-09	4.091E-09	2.223E-11	1.573E-09	4.618E-18
1.120E+04	4.841E-01	3.067E-02	3.133E-01	3.227E-09	2.917E-09	1.161E-11	1.069E-09	2.290E-18
1.140E+04	4.879E-01	2.388E-02	3.180E-01	6.411E-09	2.082E-09	6.109E-12	7.275E-10	1.142E-18
1.160E+04	4.907E-01	1.789E-02	3.216E-01	1.242E-08	1.490E-09	3.247E-12	4.971E-10	5.753E-19
1.180E+04	4.929E-01	1.374E-02	3.243E-01	2.353E-08	1.072E-09	1.746E-12	3.416E-10	2.931E-19
1.200E+04	4.945E-01	1.061E-02	3.264E-01	4.360E-08	7.754E-10	9.518E-13	2.364E-10	1.513E-19
1.220E+04	4.957E-01	8.241E-03	3.279E-01	7.915E-08	5.644E-10	5.260E-13	1.649E-10	7.925E-20
1.240E+04	4.967E-01	6.437E-03	3.291E-01	1.409E-07	4.135E-10	2.949E-13	1.159E-10	4.211E-20
1.260E+04	4.974E-01	5.057E-03	3.300E-01	2.465E-07	3.050E-10	1.677E-13	8.221E-11	2.272E-20
1.280E+04	4.980E-01	3.997E-03	3.306E-01	4.235E-07	2.266E-10	9.673E-14	5.890E-11	1.244E-20
1.300E+04	4.985E-01	3.177E-03	3.311E-01	7.159E-07	1.694E-10	5.658E-14	4.241E-11	6.910E-21
1.320E+04	4.990E-01	2.540E-03	3.315E-01	1.191E-06	1.276E-10	3.355E-14	3.084E-11	3.895E-21
1.340E+04	4.994E-01	2.042E-03	3.317E-01	1.952E-06	9.672E-11	2.016E-14	2.261E-11	2.226E-21
1.360E+04	4.997E-01	1.680E-03	3.319E-01	3.153E-06	7.379E-11	1.227E-14	1.671E-11	1.290E-21
1.380E+04	5.001E-01	1.341E-03	3.319E-01	5.023E-06	5.667E-11	7.562E-15	1.244E-11	7.576E-22
1.400E+04	5.006E-01	1.095E-03	3.318E-01	7.896E-06	4.378E-11	4.717E-15	9.327E-12	4.506E-22
1.420E+04	5.011E-01	8.989E-04	3.317E-01	1.225E-05	3.404E-11	2.976E-15	7.043E-12	2.714E-22
1.440E+04	5.018E-01	7.413E-04	3.314E-01	1.877E-05	2.662E-11	1.898E-15	5.353E-12	1.655E-22
1.460E+04	5.026E-01	6.141E-04	3.309E-01	2.842E-05	2.094E-11	1.225E-15	4.095E-12	1.021E-22
1.480E+04	5.036E-01	5.110E-04	3.303E-01	4.252E-05	1.656E-11	7.981E-16	3.151E-12	6.368E-23
1.500E+04	5.049E-01	4.270E-04	3.296E-01	6.288E-05	1.318E-11	5.253E-16	2.438E-12	4.017E-23
1.520E+04	5.065E-01	3.582E-04	3.286E-01	5.193E-05	1.054E-11	3.490E-16	1.897E-12	2.562E-23
1.540E+04	5.083E-01	3.017E-04	3.273E-01	1.329E-04	8.475E-12	2.340E-16	1.483E-12	1.651E-23
1.560E+04	5.106E-01	2.581E-04	3.258E-01	1.901E-04	6.851E-12	1.583E-16	1.165E-12	1.074E-23
1.580E+04	5.132E-01	2.164E-04	3.241E-01	2.690E-04	5.566E-12	1.080E-16	9.185E-13	7.059E-24
1.600E+04	5.162E-01	1.843E-04	3.220E-01	3.768E-04	4.544E-12	7.426E-17	7.275E-13	4.682E-24
1.620E+04	5.195E-01	1.574E-04	3.196E-01	5.226E-04	3.727E-12	5.145E-17	5.783E-13	3.133E-24
1.640E+04	5.232E-01	1.348E-04	3.170E-01	7.179E-04	3.069E-12	3.590E-17	4.614E-13	2.113E-24
1.660E+04	5.271E-01	1.158E-04	3.142E-01	9.773E-04	2.538E-12	2.515E-17	3.694E-13	1.437E-24
1.680E+04	5.311E-01	9.980E-05	3.112E-01	1.319E-03	2.106E-12	1.779E-17	2.968E-13	9.838E-25
1.700E+04	5.353E-01	8.619E-05	3.080E-01	1.767E-03	1.753E-12	1.266E-17	2.391E-13	6.780E-25
1.720E+04	5.394E-01	7.462E-05	3.046E-01	2.349E-03	1.464E-12	9.071E-18	1.933E-13	4.701E-25
1.740E+04	5.435E-01	6.473E-05	3.012E-01	3.100E-03	1.225E-12	6.522E-18	1.567E-13	3.278E-25
1.760E+04	5.475E-01	5.627E-05	2.976E-01	4.064E-03	1.028E-12	4.710E-18	1.273E-13	2.296E-25
1.780E+04	5.513E-01	4.899E-05	2.938E-01	5.292E-03	8.639E-13	3.416E-18	1.036E-13	1.615E-25
1.800E+04	5.549E-01	4.271E-05	2.899E-01	6.845E-03	7.272E-13	2.486E-18	8.450E-14	1.140E-25
1.820E+04	5.585E-01	3.727E-05	2.855E-01	8.793E-03	6.129E-13	1.814E-18	6.895E-14	8.074E-26
1.840E+04	5.619E-01	3.255E-05	2.808E-01	1.122E-02	5.169E-13	1.326E-18	5.625E-14	5.728E-26
1.860E+04	5.652E-01	2.842E-05	2.756E-01	1.420E-02	4.362E-13	9.703E-19	4.583E-14	4.068E-26
1.880E+04	5.686E-01	2.481E-05	2.697E-01	1.783E-02	3.680E-13	7.097E-19	3.726E-14	2.889E-26
1.900E+04	5.720E-01	2.163E-05	2.631E-01	2.220E-02	3.103E-13	5.182E-19	3.018E-14	2.050E-26
1.920E+04	5.756E-01	1.882E-05	2.555E-01	2.737E-02	2.614E-13	3.773E-19	2.432E-14	1.451E-26
1.940E+04	5.793E-01	1.634E-05	2.470E-01	3.343E-02	2.198E-13	2.735E-19	1.947E-14	1.023E-26
1.960E+04	5.833E-01	1.414E-05	2.374E-01	4.038E-02	1.843E-13	1.971E-19	1.546E-14	7.176E-27
1.980E+04	5.875E-01	1.219E-05	2.268E-01	4.824E-02	1.541E-13	1.410E-19	1.216E-14	5.001E-27
2.000E+04	5.919E-01	1.046E-05	2.151E-01	5.696E-02	1.283E-13	9.999E-20	9.466E-15	3.457E-27
2.020E+04	5.966E-01	8.931E-06	2.025E-01	6.644E-02	1.064E-13	7.020E-20	7.279E-15	2.367E-27
2.040E+04	6.014E-01	7.580E-06	1.892E-01	7.656E-02	8.774E-14	4.875E-20	5.525E-15	1.604E-27
2.060E+04	6.063E-01	6.394E-06	1.753E-01	8.714E-02	7.195E-14	3.345E-20	4.137E-15	1.075E-27
2.080E+04	6.114E-01	5.360E-06	1.611E-01	9.799E-02	5.865E-14	2.267E-20	3.055E-15	7.118E-28

Table II. - Continued.

C	C+	C++	C-	CU	CO+	CC2	C2	T
2.773E-01	4.092E-02	1.533E-11	1.720E-08	1.544E-03	5.694E-06	1.523E-10	6.704E-07	6.600E+03
2.688E-01	4.751E-02	3.01CE-13	1.803E-08	1.096E-03	5.229E-06	9.302E-11	5.326E-07	6.700E+03
2.593E-01	5.474E-02	5.797E-13	1.871E-08	7.799E-04	4.792E-06	5.718E-11	4.211E-07	6.800E+03
2.488E-01	6.261E-02	1.096E-12	1.921E-08	5.563E-04	4.383E-06	3.533E-11	3.310E-07	6.900E+03
2.374E-01	7.110E-02	2.034E-12	1.950E-08	3.973E-04	4.001E-06	2.192E-11	2.585E-07	7.000E+03
2.252E-01	8.015E-02	3.705E-12	1.958E-08	2.840E-04	3.644E-06	1.365E-11	2.003E-07	7.100E+03
2.122E-01	8.970E-02	6.652E-12	1.942E-08	2.030E-04	3.309E-06	8.516E-12	1.538E-07	7.200E+03
1.987E-01	9.964E-02	1.174E-11	1.903E-08	1.449E-04	2.996E-06	5.322E-12	1.170E-07	7.300E+03
1.847E-01	1.094E-01	2.038E-11	1.842E-08	1.034E-04	2.703E-06	3.325E-12	8.812E-08	7.400E+03
1.705E-01	1.202E-01	3.487E-11	1.760E-08	7.358E-05	2.430E-06	2.082E-12	6.561E-08	7.500E+03
1.561E-01	1.305E-01	5.875E-11	1.660E-08	5.225E-05	2.176E-06	1.302E-12	4.829E-08	7.600E+03
1.419E-01	1.407E-01	9.757E-11	1.545E-08	3.701E-05	1.941E-06	8.129E-13	3.513E-08	7.700E+03
1.281E-01	1.505E-01	1.597E-10	1.421E-08	2.613E-05	1.723E-06	5.07CE-13	2.525E-08	7.800E+03
1.147E-01	1.597E-01	2.578E-10	1.291E-08	1.840E-05	1.523E-06	3.157E-13	1.794E-08	7.900E+03
1.021E-01	1.685E-01	4.103E-10	1.161E-08	1.292E-05	1.340E-06	1.962E-13	1.262E-08	8.000E+03
7.931E-02	1.631E-01	9.976E-10	9.104E-09	6.315E-06	1.023E-06	7.532E-14	6.061E-09	8.200E+03
6.043E-02	1.941E-01	2.298E-09	6.927E-09	3.057E-06	7.551E-07	2.862E-14	2.829E-09	8.400E+03
4.543E-02	2.012E-01	5.026E-09	5.166E-09	1.468E-06	5.602E-07	1.074E-14	1.294E-09	8.600E+03
3.389E-02	2.047E-01	1.047E-08	3.809E-09	7.002E-07	4.013E-07	3.972E-15	5.920E-10	8.800E+03
2.519E-02	2.042E-01	2.046E-08	2.792E-09	3.314E-07	2.811E-07	1.440E-15	2.703E-10	9.000E+03
1.870E-02	2.034E-01	4.007E-08	2.039E-09	1.555E-07	1.925E-07	5.093E-16	1.241E-10	9.200E+03
1.389E-02	2.003E-01	7.445E-08	1.484E-09	7.227E-08	1.291E-07	1.754E-16	5.739E-11	9.400E+03
1.033E-02	1.957E-01	1.348E-07	1.076E-09	3.326E-08	8.495E-08	5.872E-17	2.681E-11	9.600E+03
7.697E-03	1.910E-01	2.393E-07	7.772E-10	1.517E-08	5.499E-08	1.915E-17	1.266E-11	9.800E+03
5.757E-03	1.865E-01	4.178E-07	5.597E-10	6.881E-09	3.517E-08	6.107E-18	6.058E-12	1.000E+04
4.326E-03	1.825E-01	7.200E-07	4.025E-10	3.113E-09	2.231E-08	1.918E-18	2.943E-12	1.020E+04
3.269E-03	1.790E-01	1.226E-06	2.894E-10	1.411E-09	1.410E-08	5.977E-19	1.454E-12	1.040E+04
2.487E-03	1.762E-01	2.066E-06	2.085E-10	6.436E-10	8.917E-09	1.863E-19	7.316E-13	1.060E+04
1.906E-03	1.739E-01	3.441E-06	1.507E-10	2.966E-10	5.659E-09	5.854E-20	3.755E-13	1.080E+04
1.472E-03	1.722E-01	5.666E-06	1.095E-10	1.385E-10	3.614E-09	1.865E-20	1.964E-13	1.100E+04
1.145E-03	1.708E-01	9.217E-06	8.003E-11	6.571E-11	2.327E-09	6.057E-21	1.048E-13	1.120E+04
8.975E-04	1.698E-01	1.481E-05	5.886E-11	3.171E-11	1.512E-09	2.011E-21	5.695E-14	1.140E+04
7.086E-04	1.690E-01	2.349E-05	4.359E-11	1.558E-11	9.929E-10	6.843E-22	3.153E-14	1.160E+04
5.635E-04	1.684E-01	3.680E-05	3.251E-11	7.803E-12	6.585E-10	2.389E-22	1.777E-14	1.180E+04
4.511E-04	1.680E-01	5.693E-05	2.442E-11	3.981E-12	4.420E-10	8.567E-23	1.018E-14	1.200E+04
3.635E-04	1.676E-01	8.898E-05	1.877E-11	2.069E-12	2.997E-10	3.155E-23	5.932E-15	1.220E+04
2.948E-04	1.673E-01	1.313E-04	1.407E-11	1.095E-12	2.053E-10	1.193E-23	3.510E-15	1.240E+04
2.404E-04	1.671E-01	1.959E-04	1.079E-11	5.899E-13	1.422E-10	4.627E-24	2.107E-15	1.260E+04
1.972E-04	1.668E-01	2.888E-04	8.326E-12	3.233E-13	9.938E-11	1.841E-24	1.283E-15	1.280E+04
1.626E-04	1.666E-01	4.212E-04	6.466E-12	1.802E-13	7.015E-11	7.504E-25	7.912E-16	1.300E+04
1.348E-04	1.663E-01	6.076E-04	5.051E-12	1.020E-13	4.996E-11	3.132E-25	4.942E-16	1.320E+04
1.123E-04	1.659E-01	8.671E-04	3.967E-12	5.865E-14	3.589E-11	1.337E-25	3.123E-16	1.340E+04
9.389E-05	1.654E-01	1.225E-03	3.133E-12	3.421E-14	2.599E-11	5.830E-26	1.995E-16	1.360E+04
7.883E-05	1.648E-01	1.712E-03	2.486E-12	2.023E-14	1.896E-11	2.596E-26	1.287E-16	1.380E+04
6.643E-05	1.640E-01	2.368E-03	1.982E-12	1.212E-14	1.393E-11	1.178E-26	8.374E-17	1.400E+04
5.614E-05	1.630E-01	3.241E-03	1.586E-12	7.349E-15	1.030E-11	5.449E-27	5.493E-17	1.420E+04
4.757E-05	1.616E-01	4.391E-03	1.274E-12	4.506E-15	7.654E-12	2.564E-27	3.628E-17	1.440E+04
4.038E-05	1.599E-01	5.884E-03	1.026E-12	2.741E-15	5.715E-12	1.224E-27	2.408E-17	1.460E+04
3.431E-05	1.576E-01	7.797E-03	8.278E-13	1.745E-15	4.282E-12	5.944E-28	1.604E-17	1.480E+04
2.917E-05	1.548E-01	1.021E-02	6.691E-13	1.100E-15	3.217E-12	2.924E-28	1.071E-17	1.500E+04
2.478E-05	1.513E-01	1.321E-02	5.411E-13	6.980E-16	2.421E-12	1.455E-28	7.153E-18	1.520E+04
2.102E-05	1.470E-01	1.686E-02	4.375E-13	4.454E-16	1.822E-12	7.320E-29	4.767E-18	1.540E+04
1.778E-05	1.419E-01	2.122E-02	3.532E-13	2.85E-16	1.370E-12	3.715E-29	3.165E-18	1.560E+04
1.499E-05	1.359E-01	2.632E-02	2.845E-13	1.834E-16	1.028E-12	1.899E-29	2.088E-18	1.580E+04
1.258E-05	1.291E-01	3.215E-02	2.284E-13	1.181E-16	7.689E-13	5.767E-30	1.366E-18	1.600E+04
1.050E-05	1.215E-01	3.866E-02	1.825E-13	7.603E-17	5.726E-13	5.045E-30	8.847E-19	1.620E+04
8.702E-06	1.132E-01	4.575E-02	1.450E-13	4.892E-17	4.242E-13	2.614E-30	5.663E-19	1.640E+04
7.165E-06	1.044E-01	5.327E-02	1.146E-13	3.142E-17	3.125E-13	1.357E-30	3.577E-19	1.660E+04
5.856E-06	9.524E-02	6.104E-02	8.991E-14	2.014E-17	2.288E-13	7.056E-31	2.228E-19	1.680E+04
4.751E-06	8.603E-02	6.888E-02	7.006E-14	1.287E-17	1.664E-13	3.670E-31	1.369E-19	1.700E+04
3.826E-06	7.694E-02	7.658E-02	5.422E-14	8.199E-18	1.203E-13	1.910E-31	8.289E-20	1.720E+04
3.060E-06	6.817E-02	8.399E-02	4.167E-14	5.213E-18	8.653E-14	9.937E-32	4.956E-20	1.740E+04
2.432E-06	5.990E-02	9.094E-02	3.183E-14	3.307E-18	6.189E-14	5.173E-32	2.926E-20	1.760E+04
1.923E-06	5.224E-02	9.733E-02	2.418E-14	2.043E-18	4.45E-14	2.694E-32	1.712E-20	1.780E+04
1.514E-06	4.526E-02	1.031E-01	1.829E-14	1.324E-18	3.125E-14	1.404E-32	9.926E-21	1.800E+04
1.187E-06	3.900E-02	1.082E-01	1.376E-14	8.361E-19	2.209E-14	7.322E-33	5.714E-21	1.820E+04
9.288E-07	3.345E-02	1.126E-01	1.036E-14	5.280E-19	1.557E-14	3.823E-33	3.279E-21	1.840E+04
7.255E-07	2.859E-02	1.163E-01	7.781E-15	3.322E-19	1.095E-14	1.997E-33	1.876E-21	1.860E+04
5.665E-07	2.438E-02	1.194E-01	5.839E-15	2.107E-19	7.683E-15	1.044E-33	1.072E-21	1.880E+04
4.424E-07	2.074E-02	1.219E-01	4.385E-15	1.332E-19	5.381E-15	5.459E-34	6.132E-22	1.900E+04
3.588E-07	1.763E-02	1.238E-01	3.297E-15	8.410E-20	3.761E-15	2.852E-34	3.515E-22	1.920E+04
2.707E-07	1.497E-02	1.253E-01	2.484E-15	5.333E-20	2.623E-15	1.488E-34	2.022E-22	1.940E+04
2.123E-07	1.271E-02	1.262E-01	1.876E-15	3.375E-20	1.825E-15	7.741E-35	1.168E-22	1.960E+04
1.669E-07	1.080E-02	1.267E-01	1.421E-15	2.133E-20	1.266E-15	4.013E-35	6.783E-23	1.980E+04
1.316E-07	9.173E-03	1.269E-01	1.080E-15	1.350E-20	8.752E-16	2.070E-35	3.961E-23	2.000E+04
1.041E-07	7.801E-03	1.267E-01	8.235E-16	8.520E-21	6.030E-16	1.062E-35	2.327E-23	2.020E+04
8.252E-08	6.641E-03	1.262E-01	6.301E-16	5.369E-21	4.138E-16	5.406E-36	1.375E-23	2.040E+04
6.563E-08	5.660E-03	1.256E-01	4.837E-16	3.377E-21	2.828E-16	2.732E-36	8.179E-24	2.060E+04
5.236E-08	4.831E-03	1.247E-01	3.725E-16	2.114E-21	1.924E-16	1.369E-36	4.895E-24	2.080E+04

Table II. - Continued.

P/P0 = 7.00E-04

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.597E-11	1.760E-18	0.
2.000E+02	0.	2.919E-66	0.	0.	0.	5.293E-11	1.760E-18	0.
3.000E+02	0.	1.350E-44	1.186E-78	0.	0.	5.637E-11	1.760E-18	0.
4.000E+02	0.	9.188E-34	3.160E-61	0.	0.	5.003E-11	1.760E-18	0.
5.000E+02	0.	3.092E-27	9.112E-51	0.	0.	4.914E-11	1.760E-18	0.
6.000E+02	1.525E-90	7.070E-23	8.836E-44	0.	0.	4.793E-11	1.760E-18	0.
7.000E+02	1.345E-75	1.360E-19	6.022E-39	0.	4.067E-88	1.003E-10	1.760E-18	2.798E-82
8.000E+02	4.946E-63	1.861E-16	5.510E-36	0.	6.923E-74	3.792E-09	1.760E-18	3.563E-69
9.000E+02	4.173E-53	6.044E-14	9.519E-34	0.	1.316E-62	8.804E-08	1.760E-18	1.052E-58
1.000E+03	3.753E-45	6.216E-12	5.894E-32	0.	1.401E-53	1.094E-06	1.760E-18	2.520E-50
1.100E+03	1.232E-38	2.761E-10	1.734E-30	0.	3.402E-46	8.572E-06	1.760E-18	1.799E-43
1.200E+03	3.372E-33	6.527E-09	2.916E-29	0.	4.848E-40	4.756E-05	1.760E-18	9.220E-38
1.300E+03	1.362E-28	9.496E-08	3.190E-28	0.	7.797E-35	2.023E-04	1.760E-18	6.218E-33
1.400E+03	1.223E-24	9.429E-07	2.488E-27	0.	2.257E-30	6.974E-04	1.759E-18	8.523E-29
1.500E+03	3.292E-21	6.892E-06	1.482E-26	0.	1.651E-26	2.031E-03	1.760E-18	3.253E-25
1.600E+03	1.688E-18	3.921E-05	1.387E-25	0.	2.015E-23	5.143E-03	3.439E-18	2.238E-22
1.700E+03	4.995E-17	1.810E-04	8.356E-24	0.	1.262E-21	1.155E-02	5.170E-17	8.395E-21
1.800E+03	7.593E-16	6.999E-04	4.268E-22	0.	3.677E-20	2.331E-02	7.612E-16	1.536E-19
1.900E+03	8.467E-15	2.317E-03	1.467E-20	0.	7.191E-19	4.252E-02	8.471E-15	1.955E-18
2.000E+03	7.287E-14	6.672E-03	3.558E-19	0.	9.995E-18	7.013E-02	7.290E-14	1.807E-17
2.100E+03	4.978E-13	1.689E-02	6.392E-18	3.027E-84	1.018E-16	1.041E-01	4.980E-13	1.236E-16
2.200E+03	2.755E-12	3.783E-02	9.841E-17	5.758E-80	7.761E-16	1.381E-01	2.756E-12	6.309E-16
2.300E+03	1.254E-11	7.525E-02	9.802E-16	4.910E-76	4.484E-15	1.621E-01	1.254E-11	2.405E-15
2.400E+03	4.747E-11	1.331E-01	8.898E-15	2.102E-72	1.980E-14	1.663E-01	4.747E-11	6.828E-15
2.500E+03	1.507E-10	2.095E-01	6.787E-14	4.973E-69	6.720E-14	1.477E-01	1.506E-10	1.437E-14
2.600E+03	4.048E-10	2.939E-01	4.437E-13	7.028E-66	1.764E-13	1.126E-01	4.040E-10	2.238E-14
2.700E+03	9.321E-10	3.700E-01	2.526E-12	6.345E-63	3.647E-13	7.417E-02	9.273E-10	2.623E-14
2.800E+03	1.886E-09	4.257E-01	1.270E-11	3.782E-60	6.182E-13	4.343E-02	1.862E-09	2.439E-14
2.900E+03	3.471E-09	4.600E-01	5.689E-11	1.516E-57	9.122E-13	2.372E-02	3.362E-09	1.951E-14
3.000E+03	6.027E-09	4.788E-01	2.279E-10	4.114E-55	1.244E-12	1.264E-02	5.585E-09	1.454E-14
3.100E+03	1.020E-08	4.887E-01	9.144E-10	7.542E-53	1.648E-12	6.781E-03	8.603E-09	1.075E-14
3.200E+03	1.737E-08	4.938E-01	2.570E-09	9.198E-51	2.204E-12	3.715E-03	1.222E-08	8.255E-15
3.300E+03	3.042E-08	4.965E-01	7.106E-09	7.431E-49	3.056E-12	2.092E-03	1.590E-08	6.764E-15
3.400E+03	5.513E-08	4.980E-01	1.731E-08	4.063E-47	4.425E-12	1.213E-03	1.898E-08	5.956E-15
3.500E+03	1.022E-07	4.988E-01	3.788E-08	1.583E-45	6.618E-12	7.240E-04	2.119E-08	5.565E-15
3.600E+03	1.905E-07	4.993E-01	7.642E-08	4.663E-44	1.004E-11	4.441E-04	2.261E-08	5.413E-15
3.700E+03	3.524E-07	4.995E-01	1.448E-07	1.089E-42	1.527E-11	2.794E-04	2.342E-08	5.401E-15
3.800E+03	6.442E-07	4.997E-01	2.602E-07	2.076E-41	3.122E-11	1.801E-04	2.377E-08	5.486E-15
3.900E+03	1.165E-06	4.998E-01	4.456E-07	3.279E-40	3.491E-11	1.187E-04	2.364E-08	5.672E-15
4.000E+03	2.098E-06	5.000E-01	7.255E-07	4.302E-39	5.287E-11	7.986E-05	2.297E-08	5.994E-15
4.100E+03	3.791E-06	5.001E-01	1.118E-06	4.681E-38	8.094E-11	5.479E-05	2.164E-08	6.517E-15
4.200E+03	6.925E-06	5.004E-01	1.627E-06	4.219E-37	1.261E-10	3.828E-05	1.974E-08	7.330E-15
4.300E+03	1.280E-05	5.009E-01	2.239E-06	3.178E-36	2.001E-10	2.723E-05	1.739E-08	8.533E-15
4.400E+03	2.385E-05	5.019E-01	2.937E-06	2.042E-35	3.220E-10	1.971E-05	1.492E-08	1.023E-14
4.500E+03	4.437E-05	5.037E-01	3.720E-06	1.152E-34	5.210E-10	1.452E-05	1.261E-08	1.251E-14
4.600E+03	8.155E-05	5.069E-01	4.612E-06	5.875E-34	8.395E-10	1.090E-05	1.065E-08	1.547E-14
4.700E+03	1.467E-04	5.123E-01	5.672E-06	2.790E-33	1.336E-09	8.357E-06	9.102E-09	1.919E-14
4.800E+03	2.562E-04	5.206E-01	7.003E-06	1.261E-32	2.084E-09	6.558E-06	7.977E-09	2.373E-14
4.900E+03	4.313E-04	5.326E-01	8.764E-06	5.598E-32	3.168E-09	5.273E-06	7.238E-09	2.908E-14
5.000E+03	6.967E-04	5.482E-01	1.118E-05	2.454E-31	4.667E-09	4.337E-06	6.829E-09	3.508E-14
5.100E+03	1.077E-03	5.663E-01	1.458E-05	1.074E-30	6.633E-09	3.630E-06	6.691E-09	4.136E-14
5.200E+03	1.597E-03	5.854E-01	1.935E-05	4.693E-30	9.069E-09	3.070E-06	6.761E-09	4.734E-14
5.300E+03	2.275E-03	6.034E-01	2.603E-05	2.038E-29	1.193E-08	2.605E-06	6.982E-09	5.240E-14
5.400E+03	3.131E-03	6.189E-01	3.527E-05	8.728E-29	1.513E-08	2.206E-06	7.307E-09	5.607E-14
5.500E+03	4.186E-03	6.311E-01	4.791E-05	3.661E-28	1.858E-08	1.861E-06	7.699E-09	5.818E-14
5.600E+03	5.462E-03	6.400E-01	6.500E-05	1.495E-27	2.222E-08	1.565E-06	8.134E-09	5.887E-14
5.700E+03	6.992E-03	6.460E-01	8.782E-05	5.909E-27	2.602E-08	1.312E-06	8.597E-09	5.842E-14
5.800E+03	8.811E-03	6.497E-01	1.180E-04	2.256E-26	2.996E-08	1.100E-06	9.080E-09	5.716E-14
5.900E+03	1.096E-02	6.517E-01	1.574E-04	8.308E-26	3.404E-08	9.232E-07	9.579E-09	5.536E-14
6.000E+03	1.348E-02	6.523E-01	2.086E-04	2.950E-25	3.827E-08	7.760E-07	1.009E-08	5.323E-14
6.100E+03	1.643E-02	6.519E-01	2.744E-04	1.010E-24	4.263E-08	6.540E-07	1.062E-08	5.091E-14
6.200E+03	1.984E-02	6.506E-01	3.584E-04	3.340E-24	4.713E-08	5.527E-07	1.115E-08	4.849E-14
6.300E+03	2.378E-02	6.486E-01	4.648E-04	1.068E-23	5.173E-08	4.685E-07	1.170E-08	4.603E-14
6.400E+03	2.829E-02	6.460E-01	5.987E-04	3.304E-23	5.640E-08	3.983E-07	1.226E-08	4.357E-14
6.500E+03	3.338E-02	6.428E-01	7.665E-04	9.914E-23	6.112E-08	3.396E-07	1.283E-08	4.111E-14
6.600E+03	3.914E-02	6.390E-01	9.753E-04	2.889E-22	6.583E-08	2.903E-07	1.341E-08	3.868E-14
6.700E+03	4.557E-02	6.346E-01	1.234E-03	8.189E-22	7.047E-08	2.488E-07	1.401E-08	3.628E-14
6.800E+03	5.271E-02	6.297E-01	1.553E-03	2.261E-21	7.498E-08	2.136E-07	1.462E-08	3.392E-14
6.900E+03	6.055E-02	6.241E-01	1.946E-03	6.093E-21	7.929E-08	1.838E-07	1.525E-08	3.161E-14
7.000E+03	6.909E-02	6.180E-01	2.427E-03	1.604E-20	8.334E-08	1.584E-07	1.589E-08	2.934E-14
7.100E+03	7.832E-02	6.113E-01	3.014E-03	4.132E-20	8.706E-08	1.367E-07	1.656E-08	2.713E-14
7.200E+03	8.820E-02	6.041E-01	3.729E-03	1.043E-19	9.037E-08	1.182E-07	1.725E-08	2.498E-14
7.300E+03	9.966E-02	5.962E-01	4.599E-03	2.582E-19	9.321E-08	1.023E-07	1.796E-08	2.289E-14
7.400E+03	1.096E-01	5.879E-01	5.654E-03	6.282E-19	9.554E-08	8.857E-08	1.871E-08	2.089E-14
7.500E+03	1.210E-01	5.790E-01	6.932E-03	1.502E-18	9.731E-08	7.678E-08	1.948E-08	1.899E-14
7.600E+03	1.328E-01	5.696E-01	8.477E-03	3.536E-18	9.849E-08	6.661E-08	2.030E-08	1.716E-14
7.700E+03	1.448E-01	5.598E-01	1.034E-02	8.198E-18	9.907E-08	5.782E-08	2.115E-08	1.544E-14
7.800E+03	1.569E-01	5.495E-01	1.258E-02	1.873E-17	9.906E-08	5.021E-08	2.203E-08	1.382E-14
7.900E+03	1.690E-01	5.387E-01	1.528E-02	4.217E-17	9.846E-08	4.361E-08	2.295E-08	1.232E-14
8.000E+03	1.811E-01	5.274E-01	1.849E-02	9.361E-17	9.732E-08	3.786E-08	2.388E-08	1.093E-14
8.200E+03	2.050E-01	5.031E-01	2.683E-02	4.413E-16	9.358E-08	2.847E-08	2.573E-08	8.478E-15

Table II. - Continued.

P/PO = 7.00E-06

C	C+	C++	C-	CO	CO+	CO2	C?	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.312E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.783E-39	4.983E-19	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.993E-26	2.224E-58	1.000E+00	0.	4.000E+02
2.428E-45	0.	0.	0.	5.118E-19	5.155E-46	1.000E+00	0.	5.000E+02
5.756E-76	0.073E-77	0.	0.	4.500E-14	9.703E-38	1.000E+00	0.	6.000E+02
1.898E-62	1.068E-64	0.	0.	1.046E-10	2.348E-32	1.000E+00	2.667E-89	7.000E+02
1.212E-53	3.485E-58	0.	0.	7.486E-09	2.611E-30	1.000E+00	3.164E-77	8.000E+02
6.246E-47	2.158E-53	0.	0.	1.760E-07	0.242E-29	1.000E+00	4.139E-68	9.000E+02
1.403E-41	1.406E-49	0.	2.667E-84	2.187E-06	7.958E-28	1.000E+00	8.042E-61	1.000E+03
3.632E-37	2.018E-46	0.	4.549E-74	1.714E-05	6.348E-27	1.000E+00	7.404E-55	1.100E+03
1.075E-33	0.379E-44	0.	1.524E-65	9.513E-05	3.585E-26	9.999E-01	6.421E-50	1.200E+03
2.145E-30	1.033E-41	0.	2.507E-58	4.046E-04	1.552E-25	9.994E-01	1.113E-45	1.300E+03
4.042E-26	1.106E-39	0.	3.024E-52	1.396E-03	5.450E-25	9.479E-01	4.487E-42	1.400E+03
1.945E-25	4.950E-36	2.588E-95	8.701E-47	4.069E-03	1.622E-24	9.939E-01	3.977E-39	1.500E+03
2.022E-23	2.721E-36	4.263E-91	2.155E-42	1.033E-02	8.241E-24	9.845E-01	3.232E-36	1.600E+03
1.215E-21	7.025E-34	1.584E-85	1.925E-39	2.328E-02	2.685E-22	9.650E-01	8.297E-34	1.700E+03
4.615E-20	1.610E-31	2.555E-80	5.985E-37	4.732E-02	9.042E-21	9.287E-01	1.140E-31	1.800E+03
1.188E-18	1.937E-29	1.256E-75	4.792E-35	8.735E-02	1.990E-19	8.678E-01	4.171E-30	1.900E+03
2.186E-17	1.464E-27	2.110E-71	5.293E-33	1.469E-01	3.190E-18	7.763E-01	4.171E-26	2.000E+03
3.006E-16	7.664E-26	1.497E-67	5.401E-31	2.252E-01	3.884E-17	6.538E-01	1.590E-26	2.100E+03
3.207E-15	2.730E-24	5.068E-64	2.093E-29	3.141E-01	3.714E-16	5.094E-01	3.600E-25	2.200E+03
2.747E-14	7.022E-23	9.258E-61	5.470E-28	3.994E-01	2.684E-15	3.633E-01	6.690E-24	2.300E+03
1.756E-13	1.689E-21	1.020E-57	1.018E-26	4.657E-01	1.880E-14	2.348E-01	9.168E-23	2.400E+03
1.205E-12	3.200E-20	7.510E-55	1.408E-25	5.049E-01	1.069E-13	1.574E-01	1.649E-21	2.500E+03
6.677E-11	5.430E-19	4.063E-52	1.518E-24	5.192E-01	5.500E-13	7.430E-02	1.057E-20	2.600E+03
3.450E-11	8.002E-18	1.728E-49	1.335E-23	5.163E-01	2.660E-12	3.755E-02	1.008E-19	2.700E+03
1.091E-10	1.234E-16	5.885E-47	9.460E-23	5.125E-01	1.223E-11	1.434E-02	9.04E-19	2.800E+03
7.844E-10	1.703E-15	1.762E-44	6.504E-22	5.074E-01	5.322E-11	8.934E-03	8.212E-18	2.900E+03
3.404E-09	2.111E-14	3.085E-42	2.804E-21	5.041E-01	2.149E-10	4.436E-03	6.730E-17	3.000E+03
1.571E-08	2.600E-13	4.553E-40	2.042E-20	5.023E-01	7.887E-10	2.271E-03	5.013E-16	3.100E+03
5.117E-08	2.000E-12	4.240E-38	1.034E-19	5.013E-01	2.579E-09	1.204E-03	3.365E-15	3.200E+03
1.714E-07	1.471E-11	2.802E-36	5.056E-19	5.007E-01	7.405E-09	0.815E-04	2.035E-14	3.300E+03
5.732E-07	9.045E-11	1.275E-34	2.411E-18	5.004E-01	1.876E-08	3.75E-04	1.114E-13	3.400E+03
1.736E-06	4.750E-10	4.189E-33	1.112E-17	5.002E-01	4.266E-08	2.204E-04	5.544E-13	3.500E+03
4.946E-06	2.199E-09	1.052E-31	4.902E-17	5.031E-01	0.420E-08	1.331E-04	2.530E-12	3.600E+03
1.334E-05	4.137E-09	2.117E-30	2.045E-16	5.001E-01	1.751E-07	0.259E-03	1.070E-11	3.700E+03
3.417E-05	3.401E-10	3.506E-29	8.062E-16	5.000E-01	3.250E-07	5.256E-03	4.186E-11	3.800E+03
8.348E-05	1.202E-07	4.846E-28	3.020E-15	4.999E-01	5.757E-07	3.424E-05	1.528E-10	3.900E+03
1.949E-04	3.022E-07	5.605E-27	1.034E-14	4.997E-01	4.661E-07	2.279E-05	5.231E-10	4.000E+03
4.367E-04	1.119E-10	5.407E-26	3.772E-14	4.994E-01	1.532E-06	1.547E-05	1.880E-09	4.100E+03
9.410E-04	2.990E-10	4.344E-25	1.282E-13	4.986E-01	2.288E-06	1.069E-05	5.130E-09	4.200E+03
1.953E-03	7.328E-06	2.422E-24	4.275E-13	4.971E-01	3.221E-06	7.510E-06	1.477E-08	4.300E+03
3.908E-03	1.600E-05	1.675E-23	1.391E-12	4.941E-01	4.302E-06	5.351E-06	4.022E-03	4.400E+03
7.531E-03	3.313E-10	0.432E-23	4.371E-12	4.886E-01	5.505E-06	3.856E-06	1.033E-07	4.500E+03
1.346E-02	7.012E-05	3.745E-22	1.309E-11	4.789E-01	6.803E-06	2.502E-06	2.488E-07	4.600E+03
2.404E-02	1.320E-04	1.500E-21	3.684E-11	4.628E-01	8.192E-06	2.041E-06	5.550E-07	4.700E+03
4.134E-02	2.390E-04	5.950E-20	9.583E-11	4.375E-01	9.620E-06	1.482E-06	1.130E-06	4.800E+03
6.527E-02	4.115E-04	2.270E-10	2.270E-10	4.012E-01	1.103E-05	1.062E-06	2.064E-06	4.900E+03
9.638E-02	6.732E-04	7.192E-20	4.841E-10	3.541E-01	1.321E-05	7.454E-07	3.334E-06	5.000E+03
1.327E-01	1.050E-03	2.310E-19	4.252E-10	2.988E-01	1.338E-05	5.072E-07	4.754E-06	5.100E+03
1.709E-01	1.563E-03	7.082E-19	1.584E-09	2.405E-01	1.410E-05	3.326E-07	5.479E-06	5.200E+03
2.070E-01	2.235E-03	2.080E-18	2.475E-09	1.890E-01	1.443E-05	2.057E-07	6.722E-06	5.300E+03
2.380E-01	3.022E-03	5.807E-18	3.546E-09	1.368E-01	1.430E-05	1.271E-07	6.177E-06	5.400E+03
2.624E-01	4.124E-03	1.594E-17	4.743E-09	9.812E-02	1.397E-05	7.545E-08	6.530E-06	5.500E+03
2.832E-01	5.304E-03	4.179E-17	6.016E-09	8.855E-02	1.354E-05	4.374E-08	5.888E-06	5.600E+03
2.923E-01	6.092E-03	1.060E-16	7.329E-09	4.780E-02	1.250E-05	2.510E-08	5.072E-06	5.700E+03
3.096E-01	8.031E-03	2.603E-16	8.661E-09	3.281E-02	1.175E-05	1.435E-08	4.272E-06	5.800E+03
3.338E-01	1.079E-02	6.205E-16	1.001E-08	2.255E-02	1.092E-05	8.230E-09	3.538E-06	5.900E+03
3.552E-01	1.320E-02	1.38E-15	1.135E-08	1.553E-02	1.011E-05	4.748E-09	2.600E-06	6.000E+03
3.805E-01	1.614E-02	3.242E-15	1.270E-08	1.074E-02	9.347E-06	2.761E-09	2.360E-06	6.100E+03
3.923E-01	1.948E-02	7.124E-15	1.404E-08	7.450E-03	8.620E-06	1.621E-09	1.913E-06	6.200E+03
4.098E-01	2.530E-02	1.520E-14	1.536E-08	5.209E-03	7.955E-06	9.607E-10	1.546E-06	6.300E+03
4.338E-01	2.767E-02	3.200E-14	1.683E-08	3.058E-03	7.331E-06	5.748E-10	1.246E-06	6.400E+03
4.679E-01	3.261E-02	6.554E-14	1.783E-08	2.582E-03	6.752E-06	3.465E-10	1.001E-06	6.500E+03
4.899E-01	3.810E-02	1.314E-13	1.854E-08	1.830E-03	6.214E-06	2.112E-10	8.023E-07	6.600E+03
2.729E-01	4.433E-02	2.581E-13	1.992E-08	1.303E-03	5.712E-06	1.245E-10	6.407E-07	6.700E+03
2.640E-01	5.115E-02	4.971E-13	2.070E-08	9.303E-04	5.245E-06	7.990E-11	5.094E-07	6.800E+03
2.541E-01	5.800E-02	9.396E-13	2.141E-08	6.660E-04	4.809E-06	4.958E-11	4.029E-07	6.900E+03
2.433E-01	6.000E-02	1.744E-12	2.185E-08	4.777E-04	4.400E-06	3.091E-11	3.166E-07	7.000E+03
2.317E-01	7.531E-02	3.182E-12	2.206E-08	3.429E-04	4.018E-06	1.934E-11	2.474E-07	7.100E+03
2.193E-01	8.440E-02	5.730E-12	2.202E-08	2.463E-04	3.660E-06	1.214E-11	1.910E-07	7.200E+03
2.063E-01	9.400E-02	1.007E-11	2.175E-08	1.768E-04	3.324E-06	7.633E-12	1.471E-07	7.300E+03
1.927E-01	1.040E-01	1.790E-11	2.118E-08	1.268E-04	3.009E-06	4.805E-12	1.114E-07	7.400E+03
1.788E-01	1.141E-01	2.995E-11	2.040E-08	9.085E-05	2.715E-06	3.026E-12	8.422E-08	7.500E+03
1.647E-01	1.243E-01	5.050E-11	1.940E-08	6.494E-05	2.441E-06	1.906E-12	6.270E-08	7.600E+03
1.506E-01	1.344E-01	8.393E-11	1.822E-08	4.830E-05	2.186E-06	1.199E-12	4.615E-08	7.700E+03
1.368E-01	1.443E-01	1.375E-10	1.690E-08	3.293E-05	1.950E-06	7.539E-13	3.359E-08	7.800E+03
1.233E-01	1.537E-01	2.222E-10	1.544E-08	2.335E-05	1.732E-06	4.733E-13	2.417E-08	7.900E+03
1.103E-01	1.626E-01	3.541E-10	1.404E-08	1.652E-05	1.531E-06	2.966E-13	1.720E-08	8.000E+03
8.678E-02	1.728E-01	8.537E-10	1.120E-08	8.191E-06	1.180E-06	1.158E-13	8.465E-09	8.200E+03



Table II. - Continued.

T	F-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	2.286E-01	4.760E-01	3.827E-02	1.955E-15	8.822E-08	2.125E-08	2.734E-08	6.447E-15
8.600E+03	2.520E-01	4.483E-01	5.335E-02	8.087E-15	8.162E-08	1.564E-08	2.840E-08	4.793E-15
8.800E+03	2.757E-01	4.105E-01	7.234E-02	3.110E-14	7.411E-08	1.126E-08	2.856E-08	3.470E-15
9.000E+03	2.999E-01	3.718E-01	9.499E-02	1.109E-13	6.593E-08	7.882E-09	2.759E-08	2.434E-15
9.200E+03	3.245E-01	3.298E-01	1.206E-01	3.671E-13	5.733E-08	5.328E-09	2.547E-08	1.644E-15
9.400E+03	3.491E-01	2.860E-01	1.480E-01	1.131E-12	4.860E-08	3.465E-09	2.241E-08	1.064E-15
9.600E+03	3.729E-01	2.423E-01	1.758E-01	3.263E-12	4.008E-08	2.164E-09	1.879E-08	6.585E-16
9.800E+03	3.953E-01	2.006E-01	2.025E-01	8.860E-12	3.213E-08	1.298E-09	1.505E-08	3.889E-16
1.000E+04	4.154E-01	1.626E-01	2.272E-01	2.278E-11	2.506E-08	7.495E-10	1.157E-08	2.198E-16
1.020E+04	4.328E-01	1.293E-01	2.488E-01	5.579E-11	1.907E-08	4.191E-10	8.576E-09	1.194E-16
1.040E+04	4.474E-01	1.013E-01	2.671E-01	1.307E-10	1.421E-08	2.283E-10	6.176E-09	6.282E-17
1.060E+04	4.593E-01	7.847E-02	2.820E-01	2.945E-10	1.041E-08	1.221E-10	4.351E-09	3.227E-17
1.080E+04	4.687E-01	6.031E-02	2.939E-01	6.901E-10	7.546E-09	6.457E-11	3.018E-09	1.632E-17
1.100E+04	4.761E-01	4.615E-02	3.031E-01	1.347E-09	5.429E-09	3.399E-11	2.075E-09	8.186E-18
1.120E+04	4.817E-01	3.527E-02	3.103E-01	5.753E-09	3.893E-09	1.791E-11	1.420E-09	4.100E-18
1.140E+04	4.860E-01	2.698E-02	3.157E-01	5.476E-09	2.791E-09	9.486E-12	9.719E-10	2.062E-18
1.160E+04	4.893E-01	2.069E-02	3.198E-01	1.062E-08	2.005E-09	5.067E-12	6.669E-10	1.044E-18
1.180E+04	4.917E-01	1.593E-02	3.229E-01	2.012E-08	1.446E-09	2.736E-12	4.598E-10	5.340E-19
1.200E+04	4.936E-01	1.232E-02	3.253E-01	3.731E-08	1.048E-09	1.496E-12	3.190E-10	2.768E-19
1.220E+04	4.950E-01	9.576E-03	3.271E-01	6.776E-08	7.639E-10	8.286E-13	2.229E-10	1.454E-19
1.240E+04	4.961E-01	7.486E-03	3.284E-01	1.207E-07	5.604E-10	4.653E-13	1.570E-10	7.744E-20
1.260E+04	4.970E-01	5.885E-03	3.294E-01	2.111E-07	4.137E-10	2.650E-13	1.114E-10	4.184E-20
1.280E+04	4.977E-01	4.654E-03	3.302E-01	3.628E-07	3.075E-10	1.530E-13	7.977E-11	2.293E-20
1.300E+04	4.982E-01	3.701E-03	3.308E-01	6.134E-07	2.301E-10	8.957E-14	5.758E-11	1.275E-20
1.320E+04	4.987E-01	2.959E-03	3.312E-01	1.021E-06	1.733E-10	5.314E-14	4.190E-11	7.194E-21
1.340E+04	4.991E-01	2.380E-03	3.315E-01	1.673E-06	1.314E-10	3.195E-14	3.073E-11	4.114E-21
1.360E+04	4.995E-01	1.924E-03	3.317E-01	2.703E-06	1.003E-10	1.945E-14	2.271E-11	2.385E-21
1.380E+04	4.999E-01	1.564E-03	3.318E-01	4.307E-06	7.704E-11	1.199E-14	1.692E-11	1.401E-21
1.400E+04	5.003E-01	1.277E-03	3.318E-01	6.771E-06	5.953E-11	7.482E-15	1.269E-11	8.335E-22
1.420E+04	5.008E-01	1.048E-03	3.317E-01	1.051E-05	4.628E-11	4.722E-15	9.583E-12	5.021E-22
1.440E+04	5.014E-01	8.645E-04	3.315E-01	1.611E-05	3.619E-11	3.013E-15	7.287E-12	3.061E-22
1.460E+04	5.022E-01	7.162E-04	3.311E-01	2.440E-05	2.846E-11	1.940E-15	5.575E-12	1.888E-22
1.480E+04	5.031E-01	5.960E-04	3.307E-01	3.652E-05	2.251E-11	1.267E-15	4.292E-12	1.178E-22
1.500E+04	5.042E-01	4.980E-04	3.300E-01	5.404E-05	1.791E-11	8.338E-16	3.322E-12	7.429E-23
1.520E+04	5.056E-01	4.179E-04	3.291E-01	7.907E-05	1.432E-11	5.541E-16	2.686E-12	4.736E-23
1.540E+04	5.072E-01	3.580E-04	3.280E-01	1.144E-04	1.151E-11	3.716E-16	2.022E-12	3.051E-23
1.560E+04	5.092E-01	2.976E-04	3.267E-01	1.638E-04	9.301E-12	2.514E-16	1.589E-12	1.985E-23
1.580E+04	5.116E-01	2.526E-04	3.251E-01	2.321E-04	7.554E-12	1.716E-16	1.255E-12	1.304E-23
1.600E+04	5.143E-01	2.180E-04	3.232E-01	3.254E-04	6.165E-12	1.180E-16	9.943E-13	8.648E-24
1.620E+04	5.174E-01	1.837E-04	3.211E-01	4.518E-04	5.054E-12	8.177E-17	7.911E-13	5.786E-24
1.640E+04	5.208E-01	1.574E-04	3.187E-01	6.212E-04	4.162E-12	5.708E-17	6.317E-13	3.903E-24
1.660E+04	5.245E-01	1.353E-04	3.160E-01	8.465E-04	3.441E-12	3.997E-17	5.062E-13	2.654E-24
1.680E+04	5.285E-01	1.166E-04	3.131E-01	1.144E-03	2.856E-12	2.830E-17	4.069E-13	1.818E-24
1.700E+04	5.325E-01	1.007E-04	3.100E-01	1.533E-03	2.378E-12	2.015E-17	3.282E-13	1.253E-24
1.720E+04	5.366E-01	8.722E-05	3.068E-01	2.038E-03	1.986E-12	1.443E-17	2.655E-13	8.697E-25
1.740E+04	5.407E-01	7.570E-05	3.034E-01	2.691E-03	1.663E-12	1.040E-17	2.153E-13	6.069E-25
1.760E+04	5.447E-01	6.583E-05	2.999E-01	3.529E-03	1.396E-12	7.523E-18	1.751E-13	4.257E-25
1.780E+04	5.486E-01	5.735E-05	2.963E-01	4.596E-03	1.174E-12	5.463E-18	1.427E-13	2.999E-25
1.800E+04	5.524E-01	5.004E-05	2.924E-01	5.948E-03	9.895E-13	3.982E-18	1.165E-13	2.121E-25
1.820E+04	5.560E-01	4.372E-05	2.883E-01	7.646E-03	8.348E-13	2.911E-18	9.527E-14	1.505E-25
1.840E+04	5.594E-01	3.822E-05	2.839E-01	9.761E-03	7.051E-13	2.134E-18	7.790E-14	1.071E-25
1.860E+04	5.628E-01	3.343E-05	2.790E-01	1.237E-02	5.959E-13	1.566E-18	6.367E-14	7.627E-26
1.880E+04	5.662E-01	2.923E-05	2.736E-01	1.557E-02	5.038E-13	1.150E-18	5.196E-14	5.438E-26
1.900E+04	5.696E-01	2.585E-05	2.675E-01	1.943E-02	4.258E-13	8.434E-19	4.228E-14	3.876E-26
1.920E+04	5.731E-01	2.230E-05	2.606E-01	2.403E-02	3.596E-13	6.175E-19	3.427E-14	2.758E-26
1.940E+04	5.767E-01	1.942E-05	2.527E-01	2.945E-02	3.033E-13	4.506E-19	2.762E-14	1.957E-26
1.960E+04	5.805E-01	1.687E-05	2.439E-01	3.574E-02	2.553E-13	3.272E-19	2.211E-14	1.383E-26
1.980E+04	5.845E-01	1.481E-05	2.341E-01	4.291E-02	2.143E-13	2.362E-19	1.756E-14	9.723E-27
2.000E+04	5.887E-01	1.260E-05	2.232E-01	5.094E-02	1.793E-13	1.692E-19	1.380E-14	6.787E-27
2.020E+04	5.932E-01	1.082E-05	2.114E-01	5.979E-02	1.495E-13	1.201E-19	1.074E-14	4.699E-27
2.040E+04	5.978E-01	9.236E-06	1.987E-01	6.935E-02	1.240E-13	8.444E-20	8.251E-15	3.223E-27
2.060E+04	6.027E-01	7.842E-06	1.854E-01	7.948E-02	1.023E-13	5.870E-20	6.261E-15	2.188E-27
2.080E+04	6.076E-01	6.619E-06	1.716E-01	9.001E-02	8.399E-14	4.034E-20	4.688E-15	1.468E-27
2.100E+04	6.125E-01	5.582E-06	1.575E-01	1.008E-01	6.852E-14	2.739E-20	3.463E-15	9.741E-28
2.120E+04	6.174E-01	4.628E-06	1.435E-01	1.115E-01	5.557E-14	1.837E-20	2.524E-15	6.385E-28
2.140E+04	6.222E-01	3.834E-06	1.298E-01	1.221E-01	4.479E-14	1.218E-20	1.815E-15	4.136E-28
2.160E+04	6.268E-01	3.158E-06	1.165E-01	1.323E-01	3.589E-14	7.981E-21	1.290E-15	2.649E-28
2.180E+04	6.311E-01	2.587E-06	1.040E-01	1.419E-01	2.860E-14	5.176E-21	9.059E-16	1.678E-28
2.200E+04	6.352E-01	2.109E-06	9.218E-02	1.510E-01	2.267E-14	3.325E-21	6.298E-16	1.053E-28
2.220E+04	6.389E-01	1.712E-06	8.132E-02	1.594E-01	1.789E-14	2.118E-21	4.338E-16	6.552E-29
2.240E+04	6.423E-01	1.385E-06	7.140E-02	1.671E-01	1.406E-14	1.340E-21	2.966E-16	4.047E-29
2.260E+04	6.454E-01	1.116E-06	6.246E-02	1.740E-01	1.102E-14	8.430E-22	2.014E-16	2.485E-29

P/P0 = 8.00E-04

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.360E-11	1.760E-18	0.
2.000E+02	0.	2.724E-16	0.	0.	0.	5.267E-11	1.760E-18	0.
3.000E+02	0.	1.261E-44	1.111E-78	0.	0.	5.623E-11	1.760E-18	0.
4.000E+02	0.	8.486E-34	2.987E-61	0.	0.	4.899E-11	1.760E-18	0.
5.000E+02	0.	2.848E-27	8.654E-51	0.	0.	4.767E-11	1.760E-18	0.

Table II. - Continued.

C	C+	C++	C-	CO	CU+	CO2	C2	T
6.643E-02	1.903E-01	1.998E-09	8.641E-09	4.023E-06	8.926E-07	4.482E-14	4.037E-09	8.400E+03
5.070E-02	1.966E-01	4.340E-09	6.516E-09	1.959E-06	6.614E-07	1.715E-14	1.886E-09	8.600E+03
3.811E-02	2.033E-01	9.184E-09	4.844E-09	9.476E-07	4.798E-07	6.471E-15	8.731E-10	8.800E+03
2.850E-02	2.049E-01	1.639E-08	3.579E-09	4.550E-07	3.405E-07	2.399E-15	4.035E-10	9.000E+03
2.127E-02	2.034E-01	3.540E-08	2.631E-09	2.167E-07	2.365E-07	8.697E-16	1.872E-10	9.200E+03
1.587E-02	2.011E-01	6.588E-08	1.927E-09	1.023E-07	1.608E-07	3.075E-16	8.744E-11	9.400E+03
1.185E-02	1.972E-01	1.193E-07	1.406E-09	4.782E-08	1.073E-07	1.058E-16	4.119E-11	9.600E+03
8.807E-03	1.927E-01	2.114E-07	1.022E-09	2.216E-08	7.034E-08	3.546E-17	1.960E-11	9.800E+03
6.632E-03	1.882E-01	3.682E-07	7.408E-10	1.020E-08	4.551E-08	1.161E-17	9.434E-12	1.000E+04
5.011E-03	1.840E-01	6.323E-07	5.356E-10	4.675E-09	2.917E-08	3.734E-18	4.608E-12	1.020E+04
3.795E-03	1.804E-01	1.073E-06	3.869E-10	2.144E-09	1.860E-08	1.188E-18	2.286E-12	1.040E+04
2.892E-03	1.772E-01	1.801E-06	2.799E-10	9.872E-10	1.184E-08	3.771E-19	1.154E-12	1.060E+04
2.161E-03	1.740E-01	2.990E-06	2.030E-10	4.585E-10	7.559E-09	1.202E-19	5.932E-13	1.080E+04
1.714E-03	1.709E-01	4.905E-06	1.478E-10	2.154E-10	4.844E-09	3.875E-20	3.107E-13	1.100E+04
1.334E-03	1.678E-01	7.968E-06	1.082E-10	1.027E-10	3.132E-09	1.270E-20	1.659E-13	1.120E+04
1.046E-03	1.646E-01	1.278E-05	7.972E-11	4.974E-11	2.041E-09	4.244E-21	9.025E-14	1.140E+04
8.261E-04	1.614E-01	2.024E-05	5.911E-11	2.451E-11	1.343E-09	1.452E-21	4.999E-14	1.160E+04
6.570E-04	1.582E-01	3.167E-05	4.412E-11	1.230E-11	8.924E-10	5.092E-22	2.818E-14	1.180E+04
5.261E-04	1.550E-01	4.895E-05	3.316E-11	6.285E-12	5.993E-10	1.832E-22	1.616E-14	1.200E+04
4.230E-04	1.518E-01	7.474E-05	2.510E-11	3.271E-12	4.067E-10	6.761E-23	9.415E-15	1.220E+04
3.434E-04	1.486E-01	1.126E-04	1.912E-11	1.733E-12	2.789E-10	2.561E-23	5.571E-15	1.240E+04
2.892E-04	1.454E-01	1.682E-04	1.467E-11	9.344E-13	1.932E-10	9.950E-24	3.345E-15	1.260E+04
2.301E-04	1.422E-01	2.479E-04	1.132E-11	5.125E-13	1.351E-10	3.963E-24	2.037E-15	1.280E+04
1.848E-04	1.390E-01	3.615E-04	8.797E-12	2.857E-13	9.541E-11	1.617E-24	1.257E-15	1.300E+04
1.573E-04	1.358E-01	5.215E-04	6.873E-12	1.619E-13	6.798E-11	6.754E-25	7.853E-16	1.320E+04
1.310E-04	1.326E-01	7.444E-04	5.401E-12	9.310E-14	4.886E-11	2.885E-25	4.965E-16	1.340E+04
1.096E-04	1.294E-01	1.052E-03	4.266E-12	5.433E-14	3.540E-11	1.259E-25	3.173E-16	1.360E+04
9.210E-05	1.262E-01	1.470E-03	3.387E-12	3.215E-14	2.584E-11	5.611E-26	2.049E-16	1.380E+04
7.765E-05	1.230E-01	2.035E-03	2.701E-12	1.927E-14	1.900E-11	2.547E-26	1.335E-16	1.400E+04
6.568E-05	1.198E-01	2.789E-03	2.163E-12	1.170E-14	1.406E-11	1.180E-26	8.771E-17	1.420E+04
5.570E-05	1.166E-01	3.783E-03	1.739E-12	7.180E-15	1.046E-11	5.558E-27	5.803E-17	1.440E+04
4.734E-05	1.134E-01	5.078E-03	1.402E-12	4.454E-15	7.822E-12	2.661E-27	3.862E-17	1.460E+04
4.030E-05	1.102E-01	6.743E-03	1.133E-12	2.789E-15	5.873E-12	1.293E-27	2.582E-17	1.480E+04
3.433E-05	1.070E-01	8.454E-03	9.174E-13	1.762E-15	4.423E-12	6.374E-28	1.731E-17	1.500E+04
2.924E-05	1.038E-01	1.149E-02	7.437E-13	1.121E-15	3.338E-12	3.181E-28	1.162E-17	1.520E+04
2.488E-05	1.006E-01	1.472E-02	6.029E-13	7.177E-16	2.522E-12	1.605E-28	7.795E-18	1.540E+04
2.114E-05	1.449E-01	1.862E-02	4.885E-13	4.618E-16	1.905E-12	8.180E-29	5.215E-18	1.560E+04
1.790E-05	1.396E-01	2.323E-02	3.951E-13	2.962E-16	1.437E-12	4.202E-29	3.472E-18	1.580E+04
1.510E-05	1.343E-01	2.856E-02	3.187E-13	1.930E-16	1.081E-12	2.173E-29	2.246E-18	1.600E+04
1.268E-05	1.290E-01	3.458E-02	2.561E-13	1.250E-16	8.104E-13	1.130E-29	1.505E-18	1.620E+04
1.058E-05	1.237E-01	4.123E-02	2.048E-13	8.100E-17	6.048E-13	5.896E-30	9.765E-19	1.640E+04
8.775E-06	1.184E-01	4.835E-02	1.629E-13	5.243E-17	4.490E-13	3.085E-30	6.259E-19	1.660E+04
7.227E-06	1.131E-01	5.591E-02	1.268E-13	3.367E-17	3.314E-13	1.617E-30	3.960E-19	1.680E+04
5.910E-06	1.078E-01	6.361E-02	1.012E-13	2.183E-17	2.432E-13	8.484E-31	2.471E-19	1.700E+04
4.799E-06	1.025E-01	7.131E-02	7.832E-14	1.403E-17	1.774E-13	4.454E-31	1.521E-19	1.720E+04
3.869E-06	9.726E-02	7.883E-02	6.115E-14	8.976E-18	1.286E-13	2.339E-31	9.243E-20	1.740E+04
3.100E-06	9.275E-02	8.600E-02	4.709E-14	5.750E-18	9.273E-14	1.228E-31	5.546E-20	1.760E+04
2.469E-06	8.770E-02	9.270E-02	3.605E-14	3.670E-18	6.655E-14	6.452E-32	3.292E-20	1.780E+04
1.957E-06	8.308E-02	9.883E-02	2.746E-14	2.338E-18	4.755E-14	3.391E-32	1.935E-20	1.800E+04
1.544E-06	7.866E-02	1.043E-01	2.083E-14	1.488E-18	3.385E-14	1.784E-32	1.129E-20	1.820E+04
1.215E-06	7.406E-02	1.092E-01	1.575E-14	7.465E-19	2.403E-14	9.388E-33	6.549E-21	1.840E+04
9.541E-07	6.937E-02	1.133E-01	1.139E-14	6.018E-19	1.701E-14	4.945E-33	3.784E-21	1.860E+04
7.883E-07	6.472E-02	1.165E-01	8.461E-15	3.814E-19	1.201E-14	2.607E-33	2.182E-21	1.880E+04
5.866E-07	6.010E-02	1.198E-01	6.754E-15	2.434E-19	8.464E-15	1.374E-33	1.258E-21	1.900E+04
4.600E-07	5.549E-02	1.221E-01	5.095E-15	1.549E-19	5.953E-15	7.245E-34	7.259E-22	1.920E+04
3.611E-07	5.087E-02	1.239E-01	3.848E-15	9.841E-20	4.178E-15	3.815E-34	4.199E-22	1.940E+04
2.840E-07	4.634E-02	1.252E-01	2.913E-15	6.281E-20	2.925E-15	2.005E-34	2.438E-22	1.960E+04
2.237E-07	4.186E-02	1.260E-01	2.211E-15	4.000E-20	2.043E-15	1.051E-34	1.421E-22	1.980E+04
1.767E-07	3.740E-02	1.265E-01	1.682E-15	2.546E-20	1.423E-15	5.486E-35	8.328E-23	2.000E+04
1.399E-07	3.294E-02	1.266E-01	1.284E-15	1.618E-20	9.874E-16	2.849E-35	4.907E-23	2.020E+04
1.111E-07	2.849E-02	1.263E-01	9.836E-16	1.028E-20	6.828E-16	1.471E-35	2.908E-23	2.040E+04
8.647E-08	2.407E-02	1.259E-01	7.560E-16	6.513E-21	4.703E-16	7.539E-36	1.734E-23	2.060E+04
7.065E-08	2.023E-02	1.252E-01	5.828E-16	4.119E-21	3.227E-16	3.835E-36	1.040E-23	2.080E+04
5.660E-08	1.612E-02	1.243E-01	4.492E-16	2.599E-21	2.205E-16	1.935E-36	6.276E-24	2.100E+04
4.547E-08	1.244E-02	1.234E-01	3.488E-16	1.636E-21	1.500E-16	5.684E-37	3.811E-24	2.120E+04
3.664E-08	9.541E-03	1.224E-01	2.713E-16	1.027E-21	1.017E-16	4.808E-37	2.328E-24	2.140E+04
2.961E-08	8.046E-03	1.214E-01	2.115E-16	6.437E-22	6.873E-17	2.369E-37	1.431E-24	2.160E+04
2.400E-08	6.626E-03	1.203E-01	1.656E-16	4.027E-22	4.631E-17	1.160E-37	8.850E-25	2.180E+04
1.951E-08	5.268E-03	1.193E-01	1.300E-16	2.516E-22	3.114E-17	5.646E-38	5.507E-25	2.200E+04
1.590E-08	4.063E-03	1.184E-01	1.021E-16	1.571E-22	2.090E-17	2.736E-38	3.447E-25	2.220E+04
1.300E-08	3.033E-03	1.175E-01	8.035E-17	9.810E-23	1.402E-17	1.322E-38	2.171E-25	2.240E+04
1.066E-08	2.241E-03	1.167E-01	6.358E-17	6.130E-23	9.399E-18	6.372E-39	1.375E-25	2.260E+04

P/P0 = 8.00E-04

C	C+	C++	C-	CO	CU+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.167E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.241E-39	4.681E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.884E-26	2.148E-58	1.000E+00	0.	4.000E+02
2.190E-45	0.	0.	0.	4.861E-19	5.042E-46	1.000E+00	0.	5.000E+02

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
6.000E+02	1.322E-20	6.583E-23	8.304E-44	0.	0.	4.749E-11	1.760E-18	0.
7.000E+02	1.175E-75	1.271E-19	5.640E-39	0.	3.792E-88	1.000E-10	1.760E-18	2.786E-82
8.000E+02	4.143E-63	1.703E-16	5.268E-36	0.	6.066E-74	3.629E-09	1.760E-18	3.265E-69
9.000E+02	3.492E-53	5.529E-14	9.104E-34	0.	1.152E-62	8.421E-08	1.760E-18	9.626E-59
1.000E+03	3.141E-45	5.686E-12	5.638E-32	0.	1.225E-53	1.046E-06	1.760E-18	2.305E-50
1.100E+03	1.031E-38	2.525E-10	1.658E-30	0.	2.976E-46	8.199E-06	1.760E-18	1.646E-43
1.200E+03	7.822E-33	5.971E-09	2.789E-29	0.	4.242E-40	4.549E-05	1.760E-18	8.435E-38
1.300E+03	4.0E-28	8.687E-08	3.051E-28	0.	6.823E-35	1.935E-04	1.760E-18	5.689E-33
1.400E+03	1.023E-24	8.627E-07	2.379E-27	0.	1.975E-30	6.671E-04	1.759E-18	7.798E-29
1.500E+03	2.744E-21	6.305E-06	1.416E-26	0.	1.445E-26	1.943E-03	1.760E-18	2.978E-25
1.600E+03	1.497E-18	3.588E-05	1.252E-25	0.	1.869E-23	4.922E-03	3.248E-18	2.170E-22
1.700E+03	4.545E-17	1.687E-04	7.323E-24	0.	1.207E-21	1.106E-02	4.740E-17	8.398E-21
1.800E+03	6.954E-16	6.411E-04	3.727E-22	0.	3.525E-20	2.235E-02	6.973E-16	1.542E-19
1.900E+03	7.765E-15	2.125E-03	1.294E-20	0.	6.911E-19	4.086E-02	7.769E-15	1.969E-18
2.000E+03	6.695E-14	6.180E-03	3.113E-19	0.	9.643E-18	6.766E-02	6.698E-14	1.830E-17
2.100E+03	4.587E-13	1.556E-02	5.570E-18	2.515E-84	9.883E-17	1.011E-01	4.589E-13	1.263E-16
2.200E+03	2.550E-12	3.501E-02	7.725E-17	4.764E-80	7.596E-16	1.352E-01	2.551E-12	6.531E-16
2.300E+03	1.167E-11	7.005E-02	8.577E-16	4.039E-76	4.440E-15	1.605E-01	1.168E-11	2.534E-15
2.400E+03	4.453E-11	1.249E-01	7.781E-15	1.716E-72	1.991E-14	1.673E-01	4.453E-11	4.53E-15
2.500E+03	1.428E-10	1.985E-01	5.939E-14	4.019E-69	6.895E-14	1.515E-01	1.427E-10	1.597E-14
2.600E+03	3.881E-10	2.818E-01	3.882E-13	5.622E-66	1.854E-13	1.183E-01	3.875E-10	2.577E-14
2.700E+03	9.049E-10	3.593E-01	2.211E-12	4.996E-63	3.929E-13	7.992E-02	9.007E-10	3.136E-14
2.800E+03	1.850E-09	4.179E-01	1.112E-11	2.953E-60	6.805E-13	4.784E-02	1.829E-09	3.013E-14
2.900E+03	3.429E-09	4.551E-01	4.986E-11	1.175E-57	1.019E-12	2.654E-02	3.333E-09	2.464E-14
3.000E+03	5.966E-09	4.761E-01	2.003E-10	3.196E-55	1.400E-12	1.428E-02	5.577E-09	1.858E-14
3.100E+03	1.008E-08	4.872E-01	7.194E-10	5.904E-53	1.854E-12	7.701E-03	8.658E-09	1.378E-14
3.200E+03	1.702E-08	4.930E-01	2.291E-09	7.320E-51	2.464E-12	4.231E-03	1.243E-08	1.053E-14
3.300E+03	2.948E-08	4.960E-01	6.410E-09	6.052E-49	3.381E-12	2.386E-03	1.637E-08	8.544E-15
3.400E+03	5.291E-08	4.977E-01	1.580E-08	3.389E-47	4.841E-12	1.385E-03	1.980E-08	7.442E-15
3.500E+03	9.697E-08	4.986E-01	3.493E-08	1.346E-45	7.173E-12	8.269E-04	2.232E-08	6.892E-15
3.600E+03	1.795E-07	4.992E-01	7.092E-08	4.018E-44	1.082E-11	5.073E-04	2.397E-08	6.662E-15
3.700E+03	3.307E-07	4.995E-01	1.350E-07	9.469E-43	1.637E-11	5.193E-04	2.496E-08	6.617E-15
3.800E+03	6.022E-07	4.997E-01	2.436E-07	1.819E-41	2.415E-11	2.058E-04	2.542E-08	6.697E-15
3.900E+03	1.084E-06	4.998E-01	4.189E-07	2.897E-40	3.713E-11	1.356E-04	2.540E-08	6.895E-15
4.000E+03	1.941E-06	4.999E-01	6.859E-07	3.846E-39	5.592E-11	9.125E-05	2.482E-08	7.244E-15
4.100E+03	3.432E-06	5.001E-01	1.065E-06	4.248E-38	8.495E-11	6.260E-05	2.358E-08	7.817E-15
4.200E+03	6.303E-06	5.003E-01	1.564E-06	3.899E-37	1.311E-10	4.374E-05	2.168E-08	8.711E-15
4.300E+03	1.155E-05	5.008E-01	2.172E-06	2.992E-36	2.061E-10	3.110E-05	1.928E-08	1.004E-14
4.400E+03	2.134E-05	5.017E-01	2.871E-06	1.953E-35	3.290E-10	2.250E-05	1.666E-08	1.194E-14
4.500E+03	3.946E-05	5.033E-01	3.656E-06	1.114E-34	5.290E-10	1.656E-05	1.415E-08	1.450E-14
4.600E+03	7.229E-05	5.061E-01	4.545E-06	5.715E-34	8.491E-10	1.242E-05	1.197E-08	1.785E-14
4.700E+03	1.300E-04	5.109E-01	5.587E-06	2.715E-33	1.349E-09	9.498E-06	1.022E-08	2.208E-14
4.800E+03	2.773E-04	5.184E-01	6.876E-06	1.221E-32	2.104E-09	7.431E-06	8.914E-09	2.727E-14
4.900E+03	5.294E-04	5.294E-01	8.558E-06	3.370E-32	3.205E-09	5.954E-06	8.028E-09	3.342E-14
5.000E+03	6.240E-04	5.440E-01	1.084E-05	2.325E-31	4.741E-09	4.881E-06	7.509E-09	4.041E-14
5.100E+03	9.714E-04	5.615E-01	1.403E-05	1.003E-30	6.775E-09	4.078E-06	7.294E-09	4.786E-14
5.200E+03	1.450E-03	5.303E-01	1.849E-05	4.321E-30	9.327E-09	3.448E-06	7.318E-09	5.515E-14
5.300E+03	2.079E-03	5.986E-01	2.472E-05	1.853E-29	1.236E-08	2.929E-06	7.518E-09	6.154E-14
5.400E+03	2.879E-03	6.148E-01	3.334E-05	7.854E-29	1.579E-08	2.487E-06	7.841E-09	6.641E-14
5.500E+03	3.567E-03	6.279E-01	4.514E-05	3.267E-28	1.951E-08	2.105E-06	8.246E-09	6.947E-14
5.600E+03	5.066E-03	6.376E-01	6.109E-05	1.325E-27	2.346E-08	1.775E-06	8.703E-09	7.077E-14
5.700E+03	6.504E-03	6.443E-01	8.240E-05	5.215E-27	2.759E-08	1.492E-06	9.194E-09	7.061E-14
5.800E+03	8.214E-03	6.487E-01	1.106E-04	1.984E-26	3.187E-08	1.253E-06	9.709E-09	6.937E-14
5.900E+03	1.023E-02	6.511E-01	1.474E-04	7.289E-26	3.630E-08	1.053E-06	1.024E-08	6.741E-14
6.000E+03	1.261E-02	6.522E-01	1.952E-04	2.583E-25	4.088E-08	8.865E-07	1.079E-08	6.498E-14
6.100E+03	1.538E-02	6.521E-01	2.566E-04	8.830E-25	4.502E-08	7.479E-07	1.135E-08	6.228E-14
6.200E+03	1.859E-02	6.511E-01	3.350E-04	2.916E-24	5.049E-08	6.327E-07	1.192E-08	5.943E-14
6.300E+03	2.229E-02	6.494E-01	4.342E-04	9.308E-24	5.544E-08	5.367E-07	1.251E-08	5.651E-14
6.400E+03	2.654E-02	6.470E-01	5.592E-04	2.877E-23	6.059E-08	4.567E-07	1.311E-08	5.357E-14
6.500E+03	3.136E-02	6.441E-01	7.155E-04	8.671E-23	6.574E-08	3.897E-07	1.372E-08	5.063E-14
6.600E+03	3.680E-02	6.405E-01	9.099E-04	2.509E-22	7.089E-08	3.334E-07	1.434E-08	4.772E-14
6.700E+03	4.289E-02	6.364E-01	1.151E-03	7.100E-22	7.630E-08	2.859E-07	1.497E-08	4.485E-14
6.800E+03	4.965E-02	6.318E-01	1.448E-03	1.957E-21	8.099E-08	2.458E-07	1.562E-08	4.202E-14
6.900E+03	5.711E-02	6.265E-01	1.812E-03	5.263E-21	8.580E-08	2.117E-07	1.629E-08	3.924E-14
7.000E+03	6.526E-02	6.207E-01	2.258E-03	1.383E-20	9.036E-08	1.826E-07	1.697E-08	3.651E-14
7.100E+03	7.409E-02	6.143E-01	2.802E-03	3.553E-20	9.458E-08	1.578E-07	1.768E-08	3.385E-14
7.200E+03	8.456E-02	6.074E-01	3.463E-03	8.944E-20	9.839E-08	1.366E-07	1.840E-08	3.125E-14
7.300E+03	9.364E-02	5.999E-01	4.266E-03	2.208E-19	1.017E-07	1.183E-07	1.916E-08	2.873E-14
7.400E+03	1.043E-01	5.919E-01	5.238E-03	5.354E-19	1.045E-07	1.026E-07	1.994E-08	2.630E-14
7.500E+03	1.153E-01	5.833E-01	6.413E-03	1.276E-18	1.068E-07	8.906E-08	2.075E-08	2.397E-14
7.600E+03	1.268E-01	5.743E-01	7.831E-03	2.993E-18	1.084E-07	7.737E-08	2.160E-08	2.175E-14
7.700E+03	1.385E-01	5.647E-01	9.539E-03	6.914E-18	1.093E-07	6.725E-08	2.249E-08	1.964E-14
7.800E+03	1.505E-01	5.548E-01	1.159E-02	1.577E-17	1.096E-07	5.849E-08	2.341E-08	1.765E-14
7.900E+03	1.625E-01	5.443E-01	1.405E-02	3.536E-17	1.093E-07	5.087E-08	2.437E-08	1.579E-14
8.000E+03	1.745E-01	5.384E-01	1.698E-02	7.809E-17	1.034E-07	4.425E-08	2.535E-08	1.406E-14
8.200E+03	1.983E-01	5.089E-01	2.460E-02	3.660E-16	1.048E-07	3.342E-08	2.731E-08	1.100E-14
8.400E+03	2.218E-01	4.887E-01	3.507E-02	1.616E-15	9.941E-08	2.508E-08	2.910E-08	8.437E-15
8.600E+03	2.450E-01	4.543E-01	4.898E-02	6.681E-15	9.254E-08	1.860E-08	3.040E-08	6.336E-15
8.800E+03	2.684E-01	4.210E-01	6.666E-02	2.576E-14	8.458E-08	1.354E-08	3.085E-08	4.642E-15
9.000E+03	2.923E-01	3.888E-01	8.803E-02	9.228E-14	7.592E-08	9.600E-09	3.017E-08	3.302E-15
9.200E+03	3.166E-01	3.481E-01	1.125E-01	3.072E-13	6.651E-08	6.592E-09	2.826E-08	2.268E-15
9.400E+03	3.410E-01	3.002E-01	1.391E-01	9.527E-13	5.696E-08	4.364E-09	2.528E-08	1.497E-15
9.600E+03	3.649E-01	2.568E-01	1.666E-01	2.765E-12	4.751E-08	2.778E-09	2.157E-08	9.455E-16
9.800E+03	3.876E-01	2.148E-01	1.935E-01	7.552E-12	3.856E-08	1.700E-09	1.759E-08	5.710E-16

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CU2	C2	T
5.003E-76	5.418E-77	0.	0.	4.229E-14	8.188E-38	1.000E+00	0.	6.000E+02
1.664E-62	4.304E-63	0.	0.	9.800E-11	2.204E-32	1.000E+00	2.344E-84	7.000E+02
1.108E-53	3.528E-54	0.	0.	7.157E-09	2.608E-30	1.000E+00	3.032E-77	8.000E+02
5.714E-47	2.062E-53	0.	0.	1.683E-07	6.292E-29	1.000E+00	3.959E-68	9.000E+02
1.338E-41	1.401E-42	0.	2.334E-84	2.092E-06	7.958E-28	1.000E+00	7.642E-61	1.000E+03
3.322E-37	1.433E-46	0.	3.940E-74	1.640E-05	6.348E-27	1.000E+00	7.082E-55	1.100E+03
1.532E-33	8.014E-44	0.	1.338E-65	9.099E-05	3.585E-26	9.994E-01	6.619E-50	1.200E+03
1.734E-30	1.523E-41	0.	2.193E-58	3.870E-04	1.552E-25	9.994E-01	1.064E-45	1.300E+03
8.820E-26	1.056E-34	0.	3.346E-52	1.335E-03	5.450E-25	9.980E-01	4.292E-42	1.400E+03
1.780E-23	4.744E-36	2.586E-55	7.618E-47	3.843E-03	1.622E-24	9.942E-01	5.717E-39	1.500E+03
1.850E-23	2.457E-36	3.799E-51	1.994E-42	9.880E-03	7.782E-24	9.952E-01	3.052E-36	1.600E+03
1.112E-21	6.855E-34	1.324E-65	1.840E-34	2.224E-02	2.645E-22	9.665E-01	7.941E-34	1.700E+03
4.225E-20	1.408E-31	2.138E-80	5.735E-37	4.535E-02	8.278E-21	9.317E-01	1.092E-31	1.800E+03
1.088E-18	1.635E-24	1.031E-75	4.400E-35	4.385E-02	1.823E-19	8.732E-01	6.814E-30	1.900E+03
2.004E-17	1.677E-27	1.747E-71	8.946E-33	1.414E-01	2.926E-18	7.848E-01	4.493E-28	2.000E+03
2.760E-16	6.500E-26	1.234E-67	5.279E-31	2.177E-01	3.566E-17	6.657E-01	1.532E-26	2.100E+03
2.944E-15	2.573E-24	4.166E-64	2.035E-29	3.054E-01	3.415E-16	5.243E-01	3.670E-25	2.200E+03
2.528E-14	6.500E-23	7.524E-61	5.355E-28	3.910E-01	2.650E-15	3.784E-01	6.482E-24	2.300E+03
1.800E-13	1.631E-21	8.162E-58	1.004E-26	4.595E-01	1.730E-14	2.484E-01	6.889E-23	2.400E+03
1.105E-12	2.711E-20	5.876E-55	1.599E-25	5.016E-01	9.804E-14	1.483E-01	1.005E-21	2.500E+03
6.085E-12	4.517E-14	3.044E-52	1.516E-24	5.185E-01	5.019E-13	8.132E-02	1.003E-20	2.600E+03
3.114E-11	6.998E-16	1.267E-49	1.336E-23	5.191E-01	2.401E-12	4.173E-02	9.380E-20	2.700E+03
1.510E-10	1.022E-16	4.179E-47	5.974E-23	5.136E-01	1.093E-11	2.062E-02	8.482E-19	2.800E+03
6.947E-10	1.833E-15	1.086E-44	6.503E-22	5.082E-01	4.722E-11	1.012E-02	7.362E-18	2.900E+03
2.999E-09	1.075E-14	2.124E-42	3.792E-21	5.046E-01	1.901E-10	5.045E-03	5.970E-17	3.000E+03
1.204E-08	1.754E-13	3.002E-40	2.024E-20	5.026E-01	6.994E-10	2.589E-03	4.420E-16	3.100E+03
4.487E-08	1.508E-12	2.964E-38	1.015E-19	5.014E-01	2.303E-09	1.374E-03	2.957E-15	3.200E+03
1.554E-07	1.104E-11	2.001E-36	4.905E-19	5.008E-01	6.692E-09	7.554E-04	1.785E-14	3.300E+03
5.019E-07	7.236E-11	7.316E-35	2.311E-18	5.005E-01	1.714E-08	4.293E-04	9.761E-14	3.400E+03
1.519E-06	3.400E-10	3.119E-33	1.056E-17	5.003E-01	3.934E-08	2.518E-04	4.863E-13	3.500E+03
4.331E-06	1.866E-09	7.438E-32	4.621E-17	5.002E-01	8.287E-08	1.521E-04	2.222E-12	3.600E+03
1.108E-05	7.457E-09	1.611E-30	1.919E-16	5.001E-01	1.633E-07	9.438E-05	9.365E-12	3.700E+03
2.990E-05	2.655E-08	2.688E-29	7.537E-16	5.000E-01	3.048E-07	6.007E-05	3.664E-11	3.800E+03
7.301E-05	4.889E-08	3.748E-26	2.811E-15	4.999E-01	5.413E-07	3.913E-05	1.337E-10	3.900E+03
1.705E-04	3.171E-07	4.385E-27	1.003E-14	4.994E-01	9.135E-07	2.604E-05	4.579E-10	4.000E+03
3.822E-04	4.333E-07	4.295E-26	3.465E-14	4.994E-01	1.460E-06	1.768E-05	1.476E-09	4.100E+03
8.258E-04	2.517E-06	3.513E-25	1.168E-13	4.988E-01	2.200E-06	1.222E-05	4.493E-09	4.200E+03
1.711E-03	6.226E-06	2.410E-24	3.859E-13	4.974E-01	3.128E-06	8.587E-06	1.295E-08	4.300E+03
3.426E-03	1.424E-05	1.408E-23	1.246E-12	4.968E-01	4.214E-06	6.121E-06	3.533E-08	4.400E+03
6.614E-03	3.038E-05	7.168E-23	3.902E-12	4.900E-01	5.431E-06	4.416E-06	9.110E-08	4.500E+03
1.226E-02	6.098E-05	3.256E-22	1.169E-11	4.815E-01	6.755E-06	3.213E-06	2.207E-07	4.600E+03
2.162E-02	1.162E-04	1.348E-21	3.303E-11	4.670E-01	8.167E-06	2.348E-06	4.974E-07	4.700E+03
3.684E-02	2.108E-04	5.163E-21	8.671E-11	4.442E-01	9.633E-06	1.712E-06	1.028E-06	4.800E+03
5.885E-02	3.645E-04	1.852E-20	2.083E-10	4.110E-01	1.110E-05	1.236E-06	1.918E-06	4.900E+03
8.802E-02	6.007E-04	6.269E-20	4.526E-10	3.667E-01	1.247E-05	8.756E-07	3.183E-06	5.000E+03
1.230E-01	4.457E-04	2.016E-19	8.832E-10	3.136E-01	1.363E-05	6.032E-07	4.664E-06	5.100E+03
1.607E-01	1.417E-03	6.185E-19	1.550E-09	2.561E-01	1.448E-05	4.013E-07	6.039E-06	5.200E+03
1.973E-01	2.043E-03	1.817E-18	2.464E-09	1.999E-01	1.493E-05	2.564E-07	6.980E-06	5.300E+03
2.296E-01	2.850E-03	5.128E-18	3.594E-09	1.999E-01	1.497E-05	1.587E-07	7.317E-06	5.400E+03
2.557E-01	3.607E-03	1.394E-17	4.881E-09	1.087E-01	1.466E-05	9.504E-08	7.090E-06	5.500E+03
2.755E-01	4.991E-03	3.655E-17	6.265E-09	7.701E-02	1.408E-05	5.57CE-08	6.473E-06	5.600E+03
2.889E-01	6.408E-03	9.268E-17	7.700E-09	5.372E-02	1.333E-05	3.223E-08	5.663E-06	5.700E+03
2.977E-01	8.091E-03	2.277E-16	9.163E-09	3.718E-02	1.250E-05	1.856E-08	4.814E-06	5.800E+03
3.027E-01	1.008E-02	5.428E-16	1.064E-08	2.566E-02	1.164E-05	1.069E-08	4.014E-06	5.900E+03
3.049E-01	1.240E-02	1.298E-15	1.212E-08	1.773E-02	1.380E-05	6.192E-09	3.307E-06	6.000E+03
3.044E-01	1.511E-02	7.836E-15	1.360E-08	1.229E-02	1.300E-05	3.613E-09	2.704E-06	6.100E+03
3.032E-01	1.825E-02	6.234E-15	1.508E-08	8.556E-03	9.243E-06	2.127E-09	2.200E-06	6.200E+03
3.000E-01	2.185E-02	1.337E-14	1.653E-08	5.989E-03	8.535E-06	1.264E-09	1.784E-06	6.300E+03
2.957E-01	2.597E-02	2.800E-14	1.795E-08	4.214E-03	7.875E-06	7.50CE-10	1.442E-06	6.400E+03
2.903E-01	3.063E-02	5.735E-14	1.930E-08	2.981E-03	7.263E-06	4.587E-10	1.163E-06	6.50E+03
2.838E-01	3.508E-02	1.150E-13	2.055E-08	2.118E-03	6.643E-06	2.800E-10	9.358E-07	6.600E+03
2.765E-01	4.173E-02	2.254E-13	2.169E-08	1.511E-03	6.163E-06	1.722E-10	7.503E-07	6.700E+03
2.674E-01	4.820E-02	4.351E-13	2.268E-08	1.082E-03	5.668E-06	1.066E-10	5.993E-07	6.800E+03
2.585E-01	5.529E-02	8.225E-13	2.348E-08	7.772E-04	5.206E-06	6.638E-11	4.765E-07	6.900E+03
2.482E-01	6.300E-02	1.527E-12	2.406E-08	5.593E-04	4.773E-06	4.155E-11	3.768E-07	7.000E+03
2.371E-01	7.128E-02	2.766E-12	2.441E-08	4.030E-04	4.368E-06	2.611E-11	2.960E-07	7.100E+03
2.252E-01	8.010E-02	4.999E-12	2.449E-08	2.908E-04	3.988E-06	1.646E-11	2.309E-07	7.200E+03
2.126E-01	8.937E-02	8.624E-12	2.429E-08	2.096E-04	3.632E-06	1.040E-11	1.787E-07	7.300E+03
1.995E-01	9.902E-02	1.573E-11	2.383E-08	1.511E-04	3.297E-06	6.583E-12	1.370E-07	7.400E+03
1.859E-01	1.087E-01	2.61CE-11	2.309E-08	1.087E-04	2.984E-06	3.170E-12	1.040E-07	7.500E+03
1.720E-01	1.190E-01	4.425E-11	2.211E-08	7.814E-05	2.692E-06	2.642E-12	7.817E-08	7.600E+03
1.581E-01	1.290E-01	7.364E-11	2.051E-08	5.604E-05	2.419E-06	1.673E-12	5.812E-08	7.700E+03
1.443E-01	1.389E-01	1.207E-10	1.955E-08	4.009E-05	2.165E-06	1.059E-12	4.273E-08	7.800E+03
1.307E-01	1.464E-01	1.952E-10	1.806E-08	2.660E-05	1.930E-06	6.694E-13	3.108E-08	7.900E+03
1.177E-01	1.575E-01	3.115E-10	1.649E-08	2.035E-05	1.714E-06	4.225E-13	2.236E-08	8.000E+03
9.350E-02	1.737E-01	7.617E-10	1.334E-08	1.022E-05	1.333E-06	1.674E-13	1.123E-08	8.200E+03
7.270E-02	1.847E-01	1.768E-09	1.042E-08	5.083E-06	1.017E-06	6.577E-14	5.460E-09	8.400E+03
5.501E-02	1.960E-01	3.899E-09	7.944E-09	2.508E-06	7.611E-07	2.557E-14	2.594E-09	8.600E+03
4.208E-02	2.018E-01	8.194E-09	5.958E-09	1.226E-06	5.580E-07	4.815E-15	1.217E-09	8.800E+03
3.105E-02	2.043E-01	1.646E-08	4.428E-09	5.961E-07	4.006E-07	3.707E-15	5.688E-10	9.000E+03
2.374E-02	2.041E-01	3.177E-08	3.273E-09	2.875E-07	2.815E-07	1.372E-15	2.664E-10	9.200E+03
1.794E-02	2.019E-01	5.924E-08	2.411E-09	1.377E-07	1.937E-07	4.960E-16	1.255E-10	9.400E+03
1.344E-02	1.946E-01	1.073E-07	1.764E-09	6.51E-08	1.307E-07	1.747E-16	5.959E-11	9.600E+03
1.001E-02	1.941E-01	1.900E-07	1.293E-09	3.06E-08	8.669E-08	5.942E-17	2.655E-11	9.800E+03

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+04	4.083E-01	1.758E-01	2.186E-01	1.952E-11	3.045E-08	1.002E-09	1.376E-08	3.299E-16
1.020E+04	4.266E-01	1.412E-01	2.411E-01	4.800E-11	2.345E-08	5.707E-10	1.037E-08	1.832E-16
1.040E+04	4.471E-01	1.116E-01	2.604E-01	1.129E-10	1.766E-08	3.163E-10	7.578E-09	9.827E-17
1.060E+04	4.548E-01	8.704E-02	2.764E-01	2.551E-10	1.307E-08	1.717E-10	5.406E-09	5.135E-17
1.080E+04	4.651E-01	6.732E-02	2.893E-01	5.558E-10	9.552E-09	9.195E-11	3.791E-09	2.635E-17
1.100E+04	4.731E-01	5.178E-02	2.995E-01	1.172E-09	6.919E-09	4.890E-11	2.628E-09	1.338E-17
1.120E+04	4.794E-01	3.974E-02	3.073E-01	2.398E-09	4.989E-09	2.598E-11	1.812E-09	6.764E-18
1.140E+04	4.842E-01	3.049E-02	3.134E-01	4.774E-09	3.592E-09	1.385E-11	1.246E-09	3.427E-18
1.160E+04	4.878E-01	2.344E-02	3.180E-01	9.268E-09	2.589E-09	7.435E-12	8.588E-10	1.740E-18
1.180E+04	4.906E-01	1.808E-02	3.215E-01	1.757E-08	1.872E-09	4.030E-12	5.939E-10	8.977E-19
1.200E+04	4.927E-01	1.400E-02	3.242E-01	3.259E-08	1.359E-09	2.210E-12	4.131E-10	4.664E-19
1.220E+04	4.943E-01	1.090E-02	3.262E-01	5.922E-08	9.924E-10	1.227E-12	2.892E-10	2.457E-19
1.240E+04	4.956E-01	8.528E-03	3.277E-01	1.055E-07	7.288E-10	6.902E-13	2.039E-10	1.311E-19
1.260E+04	4.966E-01	6.709E-03	3.289E-01	1.846E-07	5.386E-10	3.936E-13	1.450E-10	7.096E-20
1.280E+04	4.973E-01	5.305E-03	3.298E-01	3.173E-07	4.006E-10	2.275E-13	1.039E-10	3.894E-20
1.300E+04	4.979E-01	4.223E-03	3.305E-01	5.365E-07	2.999E-10	1.333E-13	7.501E-11	2.168E-20
1.320E+04	4.984E-01	3.378E-03	3.310E-01	8.929E-07	2.260E-10	7.913E-14	5.461E-11	1.223E-20
1.340E+04	4.989E-01	2.717E-03	3.314E-01	1.464E-06	1.714E-10	4.760E-14	4.007E-11	7.001E-21
1.360E+04	4.993E-01	2.197E-03	3.316E-01	2.365E-06	1.309E-10	2.899E-14	2.963E-11	4.060E-21
1.380E+04	4.997E-01	1.786E-03	3.317E-01	3.769E-06	1.005E-10	1.788E-14	2.207E-11	2.386E-21
1.400E+04	5.001E-01	1.459E-03	3.318E-01	5.927E-06	7.768E-11	1.116E-14	1.656E-11	1.420E-21
1.420E+04	5.006E-01	1.198E-03	3.317E-01	9.201E-06	6.039E-11	7.042E-15	1.251E-11	8.552E-22
1.440E+04	5.011E-01	9.877E-04	3.316E-01	1.411E-05	4.722E-11	4.495E-15	9.516E-12	5.215E-22
1.460E+04	5.018E-01	8.183E-04	3.313E-01	2.137E-05	3.714E-11	2.900E-15	7.283E-12	3.217E-22
1.480E+04	5.026E-01	6.810E-04	3.309E-01	3.201E-05	2.937E-11	1.886E-15	5.608E-12	2.007E-22
1.500E+04	5.036E-01	5.691E-04	3.303E-01	4.738E-05	2.336E-11	1.244E-15	4.343E-12	1.266E-22
1.520E+04	5.049E-01	4.775E-04	3.295E-01	6.937E-05	1.867E-11	8.270E-16	3.381E-12	8.067E-23
1.540E+04	5.064E-01	4.023E-04	3.286E-01	1.005E-04	1.501E-11	5.547E-16	2.646E-12	5.195E-23
1.560E+04	5.082E-01	3.402E-04	3.274E-01	1.439E-04	1.212E-11	3.753E-16	2.080E-12	3.380E-23
1.580E+04	5.103E-01	2.887E-04	3.259E-01	2.041E-04	9.843E-12	2.561E-16	1.643E-12	2.220E-23
1.600E+04	5.129E-01	2.488E-04	3.242E-01	2.864E-04	8.030E-12	1.762E-16	1.303E-12	1.472E-23
1.620E+04	5.157E-01	2.100E-04	3.222E-01	3.980E-04	6.582E-12	1.221E-16	1.037E-12	9.844E-24
1.640E+04	5.189E-01	1.800E-04	3.200E-01	5.478E-04	5.419E-12	8.529E-17	8.289E-13	6.640E-24
1.660E+04	5.225E-01	1.547E-04	3.175E-01	7.471E-04	4.479E-12	5.997E-17	6.646E-13	4.515E-24
1.680E+04	5.262E-01	1.333E-04	3.147E-01	1.010E-03	3.717E-12	4.228E-17	5.347E-13	3.093E-24
1.700E+04	5.302E-01	1.152E-04	3.118E-01	1.354E-03	3.096E-12	3.013E-17	4.315E-13	2.134E-24
1.720E+04	5.342E-01	9.982E-05	3.086E-01	1.802E-03	2.586E-12	2.159E-17	3.493E-13	1.481E-24
1.740E+04	5.383E-01	8.687E-05	3.053E-01	2.380E-03	2.165E-12	1.559E-17	2.836E-13	1.034E-24
1.760E+04	5.423E-01	7.540E-05	3.019E-01	3.122E-03	1.819E-12	1.128E-17	2.308E-13	7.262E-25
1.780E+04	5.462E-01	6.573E-05	2.984E-01	4.068E-03	1.531E-12	8.199E-18	1.883E-13	5.122E-25
1.800E+04	5.501E-01	5.738E-05	2.946E-01	5.266E-03	1.291E-12	5.98E-18	1.539E-13	3.628E-25
1.820E+04	5.537E-01	5.017E-05	2.907E-01	6.772E-03	1.090E-12	4.382E-18	1.260E-13	2.578E-25
1.840E+04	5.573E-01	4.390E-05	2.865E-01	8.652E-03	9.220E-13	3.217E-18	1.032E-13	1.838E-25
1.860E+04	5.607E-01	3.844E-05	2.818E-01	1.098E-02	7.803E-13	2.367E-18	8.452E-14	1.312E-25
1.880E+04	5.641E-01	3.366E-05	2.767E-01	1.383E-02	6.606E-13	1.743E-18	6.917E-14	9.385E-26
1.900E+04	5.675E-01	2.947E-05	2.710E-01	1.729E-02	5.593E-13	1.283E-18	5.649E-14	6.713E-26
1.920E+04	5.709E-01	2.578E-05	2.646E-01	2.143E-02	4.733E-13	9.434E-19	4.598E-14	4.797E-26
1.940E+04	5.744E-01	2.251E-05	2.574E-01	2.634E-02	4.002E-13	6.919E-19	3.726E-14	3.421E-26
1.960E+04	5.781E-01	1.962E-05	2.492E-01	3.207E-02	3.378E-13	5.055E-19	3.001E-14	2.432E-26
1.980E+04	5.819E-01	1.705E-05	2.400E-01	3.866E-02	2.845E-13	3.674E-19	2.400E-14	1.721E-26
2.000E+04	5.860E-01	1.476E-05	2.299E-01	4.611E-02	2.390E-13	2.653E-19	1.903E-14	1.211E-26
2.020E+04	5.903E-01	1.273E-05	2.187E-01	5.439E-02	2.000E-13	1.901E-19	1.494E-14	8.457E-27
2.040E+04	5.948E-01	1.092E-05	2.067E-01	6.342E-02	1.667E-13	1.349E-19	1.160E-14	5.857E-27
2.060E+04	5.995E-01	9.323E-06	1.939E-01	7.310E-02	1.387E-13	9.482E-20	8.895E-15	4.018E-27
2.080E+04	6.044E-01	7.914E-06	1.807E-01	8.328E-02	1.142E-13	6.591E-20	6.737E-15	2.727E-27
2.100E+04	6.093E-01	6.677E-06	1.677E-01	9.378E-02	9.369E-14	4.529E-20	5.036E-15	1.831E-27
2.120E+04	6.142E-01	5.600E-06	1.528E-01	1.044E-01	7.645E-14	3.675E-20	3.716E-15	1.215E-27
2.140E+04	6.190E-01	4.669E-06	1.390E-01	1.150E-01	6.201E-14	2.064E-20	2.706E-15	7.968E-28
2.160E+04	6.236E-01	3.869E-06	1.256E-01	1.253E-01	5.000E-14	1.369E-20	1.946E-15	5.167E-28
2.180E+04	6.281E-01	3.189E-06	1.127E-01	1.353E-01	4.009E-14	8.988E-21	1.383E-15	3.315E-28
2.200E+04	6.323E-01	2.615E-06	1.005E-01	1.447E-01	3.198E-14	5.841E-21	9.724E-16	2.105E-28
2.220E+04	6.362E-01	2.184E-06	8.907E-02	1.534E-01	2.538E-14	3.763E-21	6.771E-16	1.374E-28
2.240E+04	6.398E-01	1.735E-06	7.859E-02	1.615E-01	2.006E-14	2.405E-21	4.675E-16	8.247E-29
2.260E+04	6.431E-01	1.476E-06	6.905E-02	1.689E-01	1.580E-14	1.527E-21	3.205E-16	5.126E-29
2.280E+04	6.460E-01	1.136E-06	6.045E-02	1.755E-01	1.240E-14	9.650E-22	2.104E-16	3.162E-29
2.300E+04	6.486E-01	9.160E-07	5.277E-02	1.815E-01	9.714E-15	6.074E-22	1.479E-16	1.942E-29
2.320E+04	6.510E-01	7.376E-07	4.596E-02	1.867E-01	7.596E-15	3.812E-22	1.000E-16	1.189E-29
2.340E+04	6.530E-01	5.935E-07	3.996E-02	1.914E-01	5.933E-15	2.390E-22	6.752E-17	7.271E-30
2.360E+04	6.548E-01	4.774E-07	3.470E-02	1.954E-01	4.632E-15	1.497E-22	4.556E-17	4.443E-30
2.380E+04	6.564E-01	3.840E-07	3.011E-02	1.990E-01	3.617E-15	9.383E-23	3.070E-17	2.716E-30
2.400E+04	6.577E-01	3.091E-07	2.611E-02	2.021E-01	2.825E-15	5.889E-23	2.069E-17	1.657E-30
2.420E+04	6.587E-01	2.490E-07	2.265E-02	2.047E-01	2.208E-15	3.703E-23	1.397E-17	1.017E-30
2.440E+04	6.594E-01	2.009E-07	1.965E-02	2.071E-01	1.728E-15	2.335E-23	9.445E-18	6.253E-31
2.460E+04	6.608E-01	1.623E-07	1.706E-02	2.091E-01	1.354E-15	1.477E-23	6.402E-18	3.858E-31

P/P0 = 9.00E-04

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.390E-11	1.60E-18	0.
2.000E+02	0.	2.614E-66	0.	0.	0.	5.456E-11	1.760E-18	0.
3.000E+02	0.	1.192E-44	1.045E-78	0.	0.	5.651E-11	1.760E-18	0.

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
7.532E-03	1.497E-01	3.303E-07	9.423E-10	1.427E-08	5.668E-08	2.007E-17	1.383E-11	1.000E+04
5.888E-03	1.855E-01	5.657E-07	6.846E-10	6.619E-09	3.667E-08	6.596E-18	6.784E-12	1.020E+04
4.315E-03	1.817E-01	9.570E-07	4.968E-10	3.067E-09	2.357E-08	2.139E-18	3.378E-12	1.040E+04
3.292E-03	1.784E-01	1.601E-06	3.606E-10	1.425E-09	1.511E-08	6.901E-19	1.710E-12	1.060E+04
2.528E-03	1.754E-01	2.651E-06	2.623E-10	6.667E-10	9.634E-09	2.230E-19	8.407E-13	1.080E+04
1.955E-03	1.737E-01	4.341E-06	1.915E-10	3.151E-10	6.244E-09	7.249E-20	4.621E-13	1.100E+04
1.522E-03	1.720E-01	7.030E-06	1.405E-10	1.509E-10	4.047E-09	7.403E-20	2.470E-13	1.120E+04
1.194E-03	1.707E-01	1.125E-05	1.036E-10	7.335E-11	2.644E-09	7.088E-21	1.344E-13	1.140E+04
9.434E-04	1.698E-01	1.740E-05	7.692E-11	3.625E-11	1.743E-09	2.731E-21	7.451E-14	1.160E+04
7.504E-04	1.690E-01	2.782E-05	5.746E-11	1.823E-11	1.160E-09	9.791E-22	4.202E-14	1.180E+04
6.009E-04	1.684E-01	4.297E-05	4.322E-11	9.330E-12	7.798E-10	3.533E-22	2.410E-14	1.200E+04
4.844E-04	1.680E-01	6.556E-05	3.273E-11	4.861E-12	5.296E-10	1.307E-22	1.404E-14	1.220E+04
3.828E-04	1.677E-01	9.887E-05	2.495E-11	2.578E-12	3.634E-10	4.660E-23	8.312E-15	1.240E+04
3.205E-04	1.673E-01	1.474E-04	1.914E-11	1.391E-12	2.518E-10	1.931E-23	4.992E-15	1.260E+04
2.630E-04	1.671E-01	2.173E-04	1.478E-11	7.634E-13	1.762E-10	7.696E-24	3.040E-15	1.280E+04
2.169E-04	1.668E-01	3.168E-04	1.148E-11	4.259E-13	1.245E-10	3.143E-24	1.877E-15	1.300E+04
1.799E-04	1.665E-01	4.569E-04	8.975E-12	2.414E-13	8.875E-11	1.314E-24	1.173E-15	1.320E+04
1.498E-04	1.662E-01	6.522E-04	7.054E-12	1.389E-13	6.381E-11	5.616E-25	7.417E-16	1.340E+04
1.254E-04	1.659E-01	9.215E-04	5.574E-12	8.109E-14	4.625E-11	2.453E-25	4.743E-16	1.360E+04
1.054E-04	1.654E-01	1.289E-03	4.427E-12	4.800E-14	3.378E-11	1.094E-25	3.065E-16	1.380E+04
8.887E-05	1.648E-01	1.785E-03	3.532E-12	2.879E-14	2.485E-11	4.972E-26	1.999E-16	1.400E+04
7.521E-05	1.639E-01	2.448E-03	2.830E-12	1.749E-14	1.840E-11	2.509E-26	1.315E-16	1.420E+04
6.384E-05	1.629E-01	3.324E-03	2.216E-12	1.074E-14	1.370E-11	1.086E-26	8.711E-17	1.440E+04
5.421E-05	1.615E-01	4.467E-03	1.836E-12	6.671E-15	1.026E-11	5.204E-27	5.809E-17	1.460E+04
4.629E-05	1.598E-01	5.941E-03	1.466E-12	4.184E-15	7.715E-12	2.537E-27	3.893E-17	1.480E+04
3.950E-05	1.576E-01	7.817E-03	1.205E-12	2.647E-15	5.821E-12	1.251E-27	2.619E-17	1.500E+04
3.371E-05	1.548E-01	1.017E-02	9.784E-13	1.688E-15	4.404E-12	6.255E-28	1.765E-17	1.520E+04
2.876E-05	1.514E-01	1.307E-02	7.950E-13	1.083E-15	3.336E-12	3.165E-28	1.190E-17	1.540E+04
2.450E-05	1.473E-01	1.660E-02	6.458E-13	6.991E-16	2.529E-12	1.618E-28	8.609E-18	1.560E+04
2.082E-05	1.424E-01	2.079E-02	5.240E-13	4.531E-16	1.915E-12	8.342E-29	5.371E-18	1.580E+04
1.764E-05	1.367E-01	2.569E-02	4.243E-13	2.945E-16	1.448E-12	4.333E-29	3.582E-18	1.600E+04
1.488E-05	1.301E-01	3.129E-02	3.424E-13	1.918E-16	1.091E-12	2.264E-29	2.371E-18	1.620E+04
1.249E-05	1.228E-01	3.753E-02	2.753E-13	1.249E-16	8.192E-13	1.198E-29	1.555E-18	1.640E+04
1.042E-05	1.148E-01	4.434E-02	2.202E-13	8.136E-17	6.121E-13	6.257E-30	1.008E-18	1.660E+04
8.636E-06	1.063E-01	5.159E-02	1.752E-13	5.291E-17	4.550E-13	3.302E-30	6.447E-19	1.680E+04
7.105E-06	9.749E-02	5.911E-02	1.385E-13	3.434E-17	3.362E-13	1.745E-30	4.087E-19	1.700E+04
5.813E-06	8.852E-02	6.673E-02	1.088E-13	2.223E-17	2.470E-13	9.230E-31	2.551E-19	1.720E+04
4.720E-06	7.962E-02	7.428E-02	8.486E-14	1.436E-17	1.804E-13	4.884E-31	1.572E-19	1.740E+04
3.807E-06	7.097E-02	8.158E-02	6.579E-14	9.242E-18	1.310E-13	2.585E-31	9.560E-20	1.760E+04
3.052E-06	6.275E-02	8.850E-02	5.071E-14	5.941E-18	9.468E-14	1.368E-31	5.749E-20	1.780E+04
2.434E-06	5.506E-02	9.491E-02	3.887E-14	3.811E-18	6.811E-14	7.245E-32	3.422E-20	1.800E+04
1.932E-06	4.801E-02	1.007E-01	2.966E-14	2.412E-18	4.880E-14	3.838E-32	2.020E-20	1.820E+04
1.528E-06	4.163E-02	1.059E-01	2.255E-14	1.559E-18	3.484E-14	2.035E-32	1.184E-20	1.840E+04
1.206E-06	3.593E-02	1.105E-01	1.710E-14	9.995E-19	2.481E-14	1.079E-32	6.906E-21	1.860E+04
9.495E-07	3.089E-02	1.144E-01	1.295E-14	6.391E-19	1.762E-14	5.730E-33	4.016E-21	1.880E+04
7.471E-07	2.648E-02	1.177E-01	9.795E-15	4.708E-19	1.248E-14	3.043E-33	2.331E-21	1.900E+04
5.678E-07	2.266E-02	1.204E-01	7.411E-15	2.616E-19	8.827E-15	1.616E-33	1.354E-21	1.920E+04
4.627E-07	1.936E-02	1.225E-01	5.613E-15	1.674E-19	6.229E-15	8.578E-34	7.878E-22	1.940E+04
3.647E-07	1.652E-02	1.241E-01	4.253E-15	1.072E-19	4.386E-15	4.547E-34	4.594E-22	1.960E+04
2.879E-07	1.409E-02	1.253E-01	3.237E-15	6.863E-20	3.081E-15	2.404E-34	2.689E-22	1.980E+04
2.277E-07	1.202E-02	1.260E-01	2.467E-15	4.392E-20	2.158E-15	1.267E-34	1.581E-22	2.000E+04
1.804E-07	1.026E-02	1.263E-01	1.886E-15	2.809E-20	1.507E-15	6.651E-35	9.344E-23	2.020E+04
1.436E-07	8.762E-03	1.263E-01	1.446E-15	1.795E-20	1.049E-15	3.472E-35	5.552E-23	2.040E+04
1.145E-07	7.488E-03	1.260E-01	1.112E-15	1.145E-20	7.273E-16	1.801E-35	3.318E-23	2.060E+04
9.152E-08	6.407E-03	1.255E-01	9.581E-16	7.290E-21	5.024E-16	9.274E-36	1.994E-23	2.080E+04
7.338E-08	5.488E-03	1.248E-01	6.634E-16	4.632E-21	3.456E-16	4.740E-36	1.206E-23	2.100E+04
5.900E-08	4.708E-03	1.239E-01	5.142E-16	2.936E-21	2.369E-16	2.404E-36	7.334E-24	2.120E+04
4.758E-08	4.045E-03	1.230E-01	4.003E-16	1.856E-21	1.617E-16	1.209E-36	4.488E-24	2.140E+04
3.848E-08	3.482E-03	1.220E-01	3.133E-16	1.171E-21	1.100E-16	6.038E-37	2.756E-24	2.160E+04
3.120E-08	3.002E-03	1.210E-01	2.452E-16	7.377E-22	7.460E-17	2.994E-37	1.711E-24	2.180E+04
2.538E-08	2.594E-03	1.200E-01	1.924E-16	4.639E-22	5.046E-17	1.475E-37	1.065E-24	2.200E+04
2.070E-08	2.246E-03	1.190E-01	1.513E-16	2.914E-22	3.407E-17	7.231E-38	6.676E-25	2.220E+04
1.694E-08	1.949E-03	1.181E-01	1.191E-16	1.830E-22	2.297E-17	3.311E-38	4.208E-25	2.240E+04
1.389E-08	1.695E-03	1.173E-01	9.435E-17	1.149E-22	1.547E-17	1.719E-38	2.669E-25	2.260E+04
1.143E-08	1.477E-03	1.165E-01	7.477E-17	7.224E-23	1.043E-17	8.359E-39	1.702E-25	2.280E+04
9.431E-09	1.290E-03	1.158E-01	5.941E-17	4.547E-23	7.029E-18	4.063E-39	1.092E-25	2.300E+04
7.804E-09	1.129E-03	1.152E-01	4.732E-17	2.868E-23	4.745E-18	1.977E-39	7.050E-26	2.320E+04
6.475E-09	9.902E-04	1.147E-01	3.779E-17	1.813E-23	3.208E-18	9.641E-40	4.577E-26	2.340E+04
5.388E-09	8.704E-04	1.142E-01	3.025E-17	1.150E-23	2.174E-18	4.711E-40	2.989E-26	2.360E+04
4.495E-09	7.666E-04	1.138E-01	2.428E-17	7.319E-24	1.477E-18	2.314E-40	1.963E-26	2.380E+04
3.761E-09	6.766E-04	1.134E-01	1.954E-17	4.676E-24	1.007E-18	1.142E-40	1.296E-26	2.400E+04
3.155E-09	5.983E-04	1.131E-01	1.576E-17	2.999E-24	6.883E-19	5.667E-41	8.608E-27	2.420E+04
2.654E-09	5.301E-04	1.128E-01	1.275E-17	1.932E-24	4.723E-19	2.828E-41	5.748E-27	2.440E+04
2.238E-09	4.706E-04	1.126E-01	1.034E-17	1.250E-24	3.252E-19	1.420E-41	3.859E-27	2.460E+04

P/P0 = 9.00E-04

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.008E-19	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.752E-19	4.376E-19	1.000E+00	0.	3.000E+02



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
4.000E+02	0.	8.212E-34	2.743E-61	0.	0.	5.161E-11	1.760E-10	0.
5.000E+02	0.	2.493E-27	8.135E-51	0.	0.	4.794E-11	1.760E-10	0.
6.000E+02	1.209E-90	6.295E-23	7.719E-44	0.	0.	4.886E-11	1.760E-10	0.
7.000E+02	1.013E-75	1.190E-19	5.399E-39	0.	3.415E-88	9.702E-11	1.760E-10	2.621E-82
8.000E+02	3.540E-63	1.574E-16	5.065E-36	0.	5.391E-74	3.489E-09	1.760E-10	3.017E-69
9.000E+02	2.985E-53	5.111E-14	8.754E-34	0.	1.024E-62	8.097E-08	1.760E-10	8.899E-59
1.000E+03	2.685E-45	5.257E-12	5.421E-32	0.	1.089E-53	1.006E-06	1.760E-10	2.131E-50
1.100E+03	8.814E-39	2.335E-10	1.594E-30	0.	2.646E-46	7.883E-06	1.760E-10	1.517E-43
1.200E+03	2.412E-33	5.520E-09	2.682E-29	0.	3.771E-40	4.374E-05	1.760E-10	7.796E-38
1.300E+03	9.744E-29	8.031E-08	2.934E-28	0.	6.065E-35	1.860E-04	1.760E-10	5.259E-33
1.400E+03	8.747E-25	7.975E-07	2.288E-27	0.	1.756E-30	6.415E-04	1.759E-10	7.210E-29
1.500E+03	2.350E-21	5.830E-06	1.342E-26	0.	1.285E-26	1.849E-03	1.759E-10	2.754E-25
1.600E+03	1.343E-18	3.318E-05	1.147E-25	0.	1.745E-23	4.735E-03	3.095E-10	2.107E-22
1.700E+03	4.216E-17	1.533E-04	6.520E-24	0.	1.160E-21	1.065E-02	4.391E-17	8.399E-21
1.800E+03	6.436E-16	5.933E-04	3.314E-22	0.	3.397E-20	2.154E-02	6.455E-16	1.547E-19
1.900E+03	7.193E-15	1.968E-03	1.141E-20	0.	6.673E-19	3.945E-02	7.197E-15	1.981E-18
2.000E+03	6.212E-14	5.688E-03	2.766E-19	0.	9.340E-18	6.553E-02	4.215E-14	1.851E-17
2.100E+03	4.267E-13	1.448E-02	4.971E-18	2.137E-84	9.620E-17	9.838E-02	4.269E-13	1.287E-16
2.200E+03	2.380E-12	3.269E-02	6.877E-17	4.032E-80	7.447E-16	1.324E-01	3.381E-12	6.724E-16
2.300E+03	1.095E-11	6.572E-02	7.624E-16	3.402E-76	4.397E-15	1.599E-01	1.095E-11	2.648E-15
2.400E+03	4.205E-11	1.179E-01	6.921E-15	1.436E-72	1.998E-14	1.679E-01	4.206E-11	7.850E-15
2.500E+03	1.360E-10	1.891E-01	5.280E-14	3.334E-69	7.036E-14	1.546E-01	1.359E-10	1.746E-14
2.600E+03	3.734E-10	2.712E-01	3.451E-13	4.617E-66	1.930E-13	1.233E-01	3.728E-10	2.905E-14
2.700E+03	8.801E-10	3.495E-01	1.966E-12	4.065E-63	4.182E-13	8.509E-02	8.764E-10	3.654E-14
2.800E+03	1.817E-09	4.106E-01	9.590E-12	2.377E-60	7.387E-13	5.196E-02	1.798E-09	3.615E-14
2.900E+03	3.389E-09	4.505E-01	4.439E-11	9.426E-58	1.121E-12	2.925E-02	3.303E-09	3.020E-14
3.000E+03	5.912E-09	4.733E-01	1.787E-10	2.557E-55	1.551E-12	1.589E-02	5.564E-09	2.304E-14
3.100E+03	9.960E-09	4.856E-01	6.443E-10	4.751E-53	2.057E-12	8.609E-03	8.697E-09	1.715E-14
3.200E+03	1.674E-08	4.921E-01	2.067E-09	5.969E-51	2.722E-12	4.743E-03	1.260E-08	1.306E-14
3.300E+03	2.922E-08	4.956E-01	5.842E-09	5.033E-49	3.702E-12	2.679E-03	1.677E-08	1.051E-14
3.400E+03	5.092E-08	4.974E-01	1.456E-08	2.878E-47	5.248E-12	1.556E-03	2.051E-08	9.072E-15
3.500E+03	9.270E-08	4.985E-01	3.247E-08	1.163E-45	7.112E-12	9.296E-04	2.333E-08	8.333E-15
3.600E+03	1.706E-07	4.991E-01	6.634E-08	3.516E-44	1.156E-11	9.704E-04	2.522E-08	8.007E-15
3.700E+03	3.129E-07	4.994E-01	1.268E-07	8.358E-43	1.742E-11	3.591E-04	2.638E-08	7.921E-15
3.800E+03	5.678E-07	4.996E-01	2.296E-07	1.617E-41	2.619E-11	2.315E-04	2.696E-08	7.990E-15
3.900E+03	1.019E-06	4.998E-01	3.964E-07	2.594E-40	3.924E-11	1.526E-04	2.703E-08	8.196E-15
4.000E+03	1.819E-06	4.999E-01	6.520E-07	3.476E-39	5.881E-11	1.026E-04	2.654E-08	8.572E-15
4.100E+03	3.235E-06	5.001E-01	1.019E-06	3.888E-38	8.879E-11	7.042E-05	2.538E-08	9.190E-15
4.200E+03	5.811E-06	5.003E-01	1.509E-06	3.624E-37	1.359E-10	4.920E-05	2.352E-08	1.016E-14
4.300E+03	1.056E-05	5.007E-01	2.111E-06	2.826E-36	2.120E-10	3.498E-05	2.107E-08	1.162E-14
4.400E+03	1.937E-05	5.015E-01	2.811E-06	1.872E-35	3.359E-10	2.529E-05	1.834E-08	1.370E-14
4.500E+03	3.562E-05	5.029E-01	3.598E-06	1.079E-34	5.369E-10	1.860E-05	1.566E-08	1.655E-14
4.600E+03	6.504E-05	5.055E-01	4.484E-06	5.571E-34	8.583E-10	1.393E-05	1.327E-08	2.027E-14
4.700E+03	1.168E-04	5.098E-01	5.515E-06	2.650E-33	1.360E-09	1.064E-05	1.132E-08	2.500E-14
4.800E+03	2.054E-04	5.166E-01	6.771E-06	1.192E-32	2.122E-09	8.302E-06	9.841E-09	3.083E-14
4.900E+03	3.466E-04	5.268E-01	8.390E-06	5.188E-32	3.237E-09	6.632E-06	8.810E-09	3.778E-14
5.000E+03	5.655E-04	5.405E-01	1.057E-05	2.222E-31	4.802E-09	5.421E-06	8.180E-09	4.576E-14
5.100E+03	8.852E-04	5.573E-01	1.358E-05	9.471E-31	6.894E-09	4.519E-06	7.885E-09	5.438E-14
5.200E+03	1.329E-03	5.758E-01	1.778E-05	4.030E-30	9.546E-09	3.818E-06	7.858E-09	6.01E-14
5.300E+03	1.918E-03	5.942E-01	2.365E-05	1.709E-29	1.273E-08	3.247E-06	8.033E-09	7.079E-14
5.400E+03	2.669E-03	6.109E-01	3.176E-05	7.173E-29	1.636E-08	2.763E-06	8.351E-09	7.696E-14
5.500E+03	3.602E-03	6.247E-01	4.287E-05	2.961E-28	2.035E-08	2.344E-06	8.765E-09	8.107E-14
5.600E+03	4.736E-03	6.362E-01	5.787E-05	1.194E-27	2.458E-08	1.982E-06	9.240E-09	8.311E-14
5.700E+03	6.097E-03	6.427E-01	7.793E-05	4.676E-27	2.902E-08	1.670E-06	9.756E-09	8.334E-14
5.800E+03	7.717E-03	6.476E-01	1.044E-04	1.774E-26	3.362E-08	1.405E-06	1.030E-08	8.221E-14
5.900E+03	9.630E-03	6.505E-01	1.391E-04	6.498E-26	3.839E-08	1.183E-06	1.086E-08	8.013E-14
6.000E+03	1.188E-02	6.519E-01	1.841E-04	2.298E-25	4.331E-08	9.967E-07	1.144E-08	7.742E-14
6.100E+03	1.450E-02	6.521E-01	2.419E-04	7.847E-25	4.840E-08	8.416E-07	1.204E-08	7.435E-14
6.200E+03	1.755E-02	6.514E-01	3.156E-04	2.588E-24	5.364E-08	7.125E-07	1.265E-08	7.106E-14
6.300E+03	2.106E-02	6.500E-01	4.090E-04	8.251E-24	5.902E-08	6.049E-07	1.327E-08	6.767E-14
6.400E+03	2.508E-02	6.478E-01	5.265E-04	2.547E-23	6.451E-08	5.151E-07	1.390E-08	6.424E-14
6.500E+03	2.966E-02	6.451E-01	6.734E-04	7.625E-23	7.007E-08	4.398E-07	1.455E-08	6.081E-14
6.600E+03	3.483E-02	6.418E-01	8.561E-04	2.216E-22	7.565E-08	3.765E-07	1.521E-08	5.741E-14
6.700E+03	4.063E-02	6.379E-01	1.082E-03	6.264E-22	8.120E-08	3.232E-07	1.589E-08	5.404E-14
6.800E+03	4.709E-02	6.385E-01	1.361E-03	1.724E-21	8.665E-08	2.780E-07	1.657E-08	5.071E-14
6.900E+03	5.422E-02	6.285E-01	1.702E-03	4.629E-21	9.193E-08	2.396E-07	1.727E-08	4.745E-14
7.000E+03	6.202E-02	6.230E-01	2.119E-03	1.214E-20	9.696E-08	2.070E-07	1.799E-08	4.424E-14
7.100E+03	7.050E-02	6.169E-01	2.628E-03	3.113E-20	1.017E-07	1.790E-07	1.873E-08	4.110E-14
7.200E+03	7.963E-02	6.102E-01	3.245E-03	7.819E-20	1.060E-07	1.551E-07	1.949E-08	3.804E-14
7.300E+03	8.936E-02	6.020E-01	3.994E-03	1.926E-19	1.098E-07	1.345E-07	2.028E-08	3.506E-14
7.400E+03	9.966E-02	5.953E-01	4.899E-03	4.657E-19	1.131E-07	1.168E-07	2.110E-08	3.219E-14
7.500E+03	1.104E-01	5.870E-01	5.991E-03	1.107E-18	1.157E-07	1.015E-07	2.195E-08	2.942E-14
7.600E+03	1.216E-01	5.782E-01	7.307E-03	2.588E-18	1.177E-07	8.825E-08	2.283E-08	2.677E-14
7.700E+03	1.331E-01	5.690E-01	8.889E-03	5.959E-18	1.191E-07	7.680E-08	2.375E-08	2.425E-14
7.800E+03	1.449E-01	5.593E-01	1.079E-02	1.352E-17	1.197E-07	6.687E-08	2.471E-08	2.186E-14
7.900E+03	1.567E-01	5.491E-01	1.306E-02	3.023E-17	1.197E-07	5.825E-08	2.571E-08	1.962E-14
8.000E+03	1.687E-01	5.385E-01	1.577E-02	6.666E-17	1.190E-07	5.074E-08	2.673E-08	1.753E-14
8.100E+03	1.824E-01	5.156E-01	2.279E-02	3.108E-16	1.157E-07	3.845E-08	2.880E-08	1.581E-14
8.200E+03	2.158E-01	4.903E-01	3.248E-02	1.367E-15	1.103E-07	2.899E-08	3.074E-08	1.067E-14
8.300E+03	2.389E-01	4.620E-01	4.541E-02	5.647E-15	1.032E-07	2.164E-08	3.224E-08	8.084E-15
8.400E+03	2.621E-01	4.300E-01	6.198E-02	2.180E-14	9.488E-08	1.588E-08	3.295E-08	5.962E-15
9.000E+03	2.857E-01	3.940E-01	8.220E-02	7.837E-14	8.559E-08	1.138E-08	3.254E-08	4.305E-15
9.200E+03	3.097E-01	3.546E-01	1.057E-01	2.622E-13	7.564E-08	7.920E-09	3.085E-08	2.998E-15
9.400E+03	3.339E-01	3.126E-01	1.355E-01	8.175E-13	6.533E-08	5.322E-09	2.799E-08	2.011E-15

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CG2	C2	T
0.	0.	0.	0.	1.730E-26	1.874E-58	1.000E+00	0.	4.030E+02
1.435E-73	0.	0.	0.	4.569E-19	4.719E-46	1.000E+00	0.	5.000E+02
4.342E-70	4.220E-77	0.	0.	3.931E-14	7.940E-38	1.000E+00	0.	6.000E+02
1.525E-62	0.886E-05	0.	0.	9.381E-11	2.175E-32	1.000E+00	2.215E-89	7.000E+02
1.024E-53	3.200E-28	0.	0.	5.882E-09	2.638E-30	1.000E+00	2.916E-77	8.000E+02
5.242E-47	1.934E-23	0.	0.	1.618E-07	6.292E-25	1.000E+00	3.407E-68	9.000E+02
1.237E-41	1.343E-17	0.	2.074E-04	2.011E-06	7.958E-28	1.000E+00	7.340E-61	1.030E+03
3.071E-37	1.858E-13	0.	3.538E-74	1.577E-05	6.348E-27	1.000E+00	6.786E-55	1.100E+03
1.417E-33	7.705E-11	0.	1.189E-65	8.749E-05	3.585E-26	9.999E-01	6.365E-50	1.200E+03
1.700E-30	1.272E-11	0.	1.956E-58	3.721E-04	1.552E-25	9.994E-01	1.023E-45	1.300E+03
8.134E-28	1.017E-19	0.	2.974E-52	1.284E-03	5.450E-23	9.991E-01	4.127E-42	1.400E+03
1.045E-25	4.500E-18	2.584E-45	6.714E-47	3.743E-03	1.621E-24	9.944E-01	5.497E-39	1.500E+03
1.710E-23	2.247E-16	3.446E-41	1.885E-42	9.502E-03	7.414E-24	9.857E-01	2.974E-36	1.600E+03
1.028E-21	6.101E-14	1.134E-35	1.767E-39	2.145E-02	2.449E-22	9.677E-01	7.239E-34	1.700E+03
3.908E-20	1.251E-11	1.825E-30	5.523E-37	4.367E-02	7.650E-21	9.342E-01	1.051E-31	1.800E+03
1.007E-18	1.533E-12	9.066E-76	9.066E-35	6.088E-02	1.687E-19	8.717E-01	8.492E-30	1.900E+03
1.030E-17	1.134E-11	1.491E-71	8.650E-33	1.360E-01	2.710E-18	7.920E-01	4.336E-28	2.000E+03
2.539E-16	5.708E-10	1.049E-67	5.123E-31	2.112E-01	3.308E-17	6.759E-01	1.461E-26	2.100E+03
2.737E-15	2.398E-14	3.507E-64	1.934E-29	2.978E-01	3.171E-16	5.364E-01	3.559E-25	2.200E+03
2.449E-14	9.776E-13	6.262E-61	5.253E-28	3.836E-01	2.467E-15	3.918E-01	6.299E-24	2.300E+03
1.673E-13	1.259E-11	9.072E-54	9.911E-27	4.537E-01	1.608E-14	2.066E-01	3.637E-23	2.400E+03
1.025E-12	2.363E-10	4.747E-52	1.390E-25	4.949E-01	9.091E-14	1.579E-01	9.726E-22	2.500E+03
5.013E-12	9.844E-19	2.428E-52	1.513E-24	5.177E-01	4.630E-13	8.789E-02	9.601E-21	2.600E+03
2.78E-11	5.050E-16	9.078E-50	1.337E-23	5.197E-01	2.197E-12	4.573E-02	6.830E-20	2.700E+03
1.309E-10	8.330E-17	3.102E-47	9.987E-23	5.146E-01	9.916E-12	2.264E-02	7.838E-19	2.800E+03
6.246E-10	1.119E-15	7.856E-45	6.503E-22	5.090E-01	4.253E-11	1.124E-02	6.702E-18	2.900E+03
2.633E-09	1.344E-14	1.524E-42	3.782E-21	5.051E-01	1.707E-10	5.649E-03	5.378E-17	3.000E+03
1.074E-08	1.410E-13	2.162E-40	2.010E-20	5.029E-01	6.287E-10	2.905E-03	3.558E-16	3.100E+03
3.937E-08	1.200E-12	2.157E-38	1.030E-19	5.016E-01	2.082E-09	1.544E-03	2.639E-15	3.200E+03
1.333E-07	9.447E-12	1.482E-36	4.785E-19	5.005E-01	6.100E-09	8.491E-04	1.590E-14	3.300E+03
4.404E-07	5.933E-11	7.042E-35	2.230E-18	5.005E-01	1.580E-08	4.827E-04	8.684E-14	3.400E+03
1.331E-06	3.175E-10	2.398E-33	1.010E-17	5.003E-01	3.659E-08	2.832E-04	4.327E-13	3.500E+03
3.851E-06	1.406E-09	6.178E-32	4.342E-17	5.002E-01	7.753E-08	1.710E-04	1.976E-12	3.600E+03
1.030E-05	6.249E-09	1.264E-30	1.816E-16	5.001E-01	1.535E-07	1.062E-04	8.327E-12	3.700E+03
4.620E-05	2.310E-08	4.124E-29	7.107E-16	5.000E-01	2.874E-07	6.757E-05	3.257E-11	3.800E+03
6.431E-05	5.148E-08	2.383E-28	2.641E-15	5.000E-01	5.122E-07	4.402E-05	1.189E-10	3.900E+03
1.316E-04	2.630E-07	3.523E-27	9.383E-15	4.998E-01	6.685E-07	2.930E-05	4.071E-10	4.000E+03
3.348E-04	1.939E-07	3.495E-26	3.220E-14	4.995E-01	1.397E-06	1.989E-05	1.312E-09	4.100E+03
7.325E-04	2.158E-06	2.504E-25	1.077E-13	4.989E-01	2.122E-06	1.375E-05	3.957E-09	4.200E+03
1.522E-03	3.383E-06	2.028E-24	3.931E-13	4.977E-01	3.042E-06	9.664E-06	1.153E-08	4.300E+03
3.050E-03	1.241E-05	1.022E-23	1.133E-12	4.964E-01	4.132E-06	6.892E-06	3.150E-08	4.400E+03
5.096E-03	2.605E-05	6.190E-23	3.533E-12	4.911E-01	5.360E-06	4.975E-06	8.140E-08	4.500E+03
1.097E-02	9.304E-05	2.041E-22	1.057E-11	4.834E-01	6.701E-06	3.625E-06	1.983E-07	4.600E+03
1.938E-02	1.031E-04	1.183E-21	2.996E-11	4.704E-01	8.136E-06	2.555E-06	4.505E-07	4.700E+03
5.331E-02	1.881E-04	4.552E-21	7.923E-11	4.496E-01	9.635E-06	1.943E-06	9.429E-07	4.800E+03
5.359E-02	3.271E-04	1.637E-20	1.926E-10	4.189E-01	1.114E-05	1.410E-06	1.789E-06	4.900E+03
8.103E-02	9.423E-04	5.552E-20	4.247E-10	3.773E-01	1.258E-05	1.007E-06	3.034E-06	5.000E+03
1.140E-01	8.578E-04	1.767E-19	8.439E-10	3.263E-01	1.363E-05	7.009E-07	4.556E-06	5.100E+03
1.317E-01	1.296E-03	5.488E-19	1.509E-09	2.699E-01	1.479E-05	4.720E-07	6.053E-06	5.200E+03
1.885E-01	1.877E-03	1.013E-18	2.443E-09	2.154E-01	1.535E-05	3.062E-07	7.172E-06	5.300E+03
2.421E-01	2.622E-03	4.554E-18	3.623E-09	1.619E-01	1.550E-05	1.916E-07	7.686E-06	5.400E+03
2.994E-01	3.933E-03	1.238E-17	4.989E-09	1.187E-01	1.527E-05	1.161E-07	7.588E-06	5.500E+03
2.705E-01	4.003E-03	3.247E-17	6.474E-09	8.482E-02	1.474E-05	6.876E-08	7.032E-06	5.600E+03
2.856E-01	4.003E-03	8.235E-17	8.027E-09	5.958E-02	1.402E-05	4.011E-08	6.224E-06	5.700E+03
2.955E-01	4.053E-03	2.024E-16	9.613E-09	4.145E-02	1.318E-05	2.323E-08	5.336E-06	5.800E+03
3.015E-01	9.478E-03	4.824E-16	1.122E-08	2.872E-02	1.231E-05	1.345E-08	4.479E-06	5.900E+03
3.044E-01	1.168E-02	1.118E-15	1.283E-08	1.990E-02	1.145E-05	7.819E-09	3.709E-06	6.000E+03
3.050E-01	1.425E-02	2.521E-15	1.444E-08	1.383E-02	1.051E-05	4.576E-09	3.044E-06	6.100E+03
3.038E-01	1.722E-02	5.541E-15	1.605E-08	9.651E-03	9.809E-06	2.700E-09	2.485E-06	6.200E+03
3.012E-01	2.084E-02	1.114E-14	1.763E-08	6.768E-03	9.017E-06	1.608E-09	2.021E-06	6.300E+03
2.972E-01	2.455E-02	2.445E-14	1.918E-08	4.772E-03	8.386E-06	9.667E-10	1.635E-06	6.400E+03
2.922E-01	2.898E-02	5.094E-14	2.067E-08	3.381E-03	7.742E-06	5.864E-10	1.326E-06	6.500E+03
2.861E-01	3.397E-02	1.022E-13	2.207E-08	2.408E-03	7.143E-06	3.587E-10	1.070E-06	6.600E+03
2.791E-01	3.955E-02	2.008E-13	2.336E-08	1.722E-03	6.585E-06	2.211E-10	8.613E-07	6.700E+03
2.711E-01	4.572E-02	3.864E-13	2.449E-08	1.236E-03	6.065E-06	1.373E-10	6.906E-07	6.800E+03
2.622E-01	5.251E-02	7.314E-13	2.543E-08	8.896E-04	5.579E-06	8.576E-11	5.514E-07	6.900E+03
2.523E-01	5.990E-02	1.358E-12	2.616E-08	6.420E-04	5.125E-06	5.385E-11	4.381E-07	7.000E+03
2.417E-01	6.787E-02	2.478E-12	2.663E-08	4.641E-04	4.698E-06	3.396E-11	3.460E-07	7.100E+03
2.302E-01	7.838E-02	4.446E-12	2.683E-08	3.358E-04	4.258E-06	2.150E-11	2.714E-07	7.200E+03
2.180E-01	8.537E-02	7.851E-12	2.675E-08	2.431E-04	3.923E-06	1.364E-11	2.113E-07	7.300E+03
2.052E-01	9.478E-02	1.365E-11	2.636E-08	1.759E-04	3.570E-06	8.672E-12	1.632E-07	7.400E+03
1.920E-01	1.044E-01	2.337E-11	2.564E-08	1.271E-04	3.240E-06	5.520E-12	1.248E-07	7.500E+03
1.784E-01	1.143E-01	3.944E-11	2.474E-08	9.179E-05	2.930E-06	3.516E-12	9.457E-08	7.600E+03
1.647E-01	1.243E-01	6.560E-11	2.355E-08	6.615E-05	2.641E-06	2.239E-12	7.091E-08	7.700E+03
1.509E-01	1.341E-01	1.076E-10	2.215E-08	4.756E-05	2.371E-06	1.425E-12	5.260E-08	7.800E+03
1.374E-01	1.437E-01	1.742E-10	2.059E-08	3.411E-05	2.121E-06	9.059E-13	3.860E-08	7.900E+03
1.242E-01	1.524E-01	2.780E-10	1.893E-08	2.440E-05	1.889E-06	5.753E-13	2.23E-08	8.000E+03
9.961E-02	1.616E-01	6.813E-10	1.551E-08	1.239E-05	1.480E-06	2.308E-13	1.434E-08	8.200E+03
7.812E-02	1.633E-01	1.565E-09	1.226E-08	6.228E-06	1.139E-06	9.189E-14	7.092E-09	8.400E+03
6.020E-02	1.735E-01	3.505E-09	9.434E-09	3.103E-06	8.593E-07	3.623E-14	3.420E-09	8.600E+03
4.585E-02	2.001E-01	7.395E-09	7.130E-09	1.535E-06	6.358E-07	1.412E-14	1.625E-09	8.800E+03
3.468E-02	2.035E-01	1.491E-08	5.332E-09	7.540E-07	4.608E-07	5.417E-15	7.674E-10	9.000E+03
2.811E-02	2.040E-01	2.886E-08	3.962E-09	3.677E-07	3.271E-07	2.040E-15	3.627E-10	9.200E+03
1.405E-02	2.024E-01	5.392E-08	2.933E-09	1.779E-07	2.274E-07	7.515E-16	1.722E-10	9.400E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
9.630E+03	3.578E-01	2.696E-01	1.585E-01	2.384E-12	5.502E-08	3.444E-09	2.425E-08	1.293E-15
9.800E+03	3.807E-01	2.274E-01	1.854E-01	6.550E-12	4.511E-08	2.144E-09	2.009E-08	7.959E-16
1.000E+04	4.019E-01	1.878E-01	2.109E-01	1.701E-11	3.602E-08	1.284E-09	1.595E-08	4.690E-16
1.020E+04	4.208E-01	1.521E-01	2.341E-01	4.199E-11	2.803E-08	7.451E-10	1.220E-08	2.654E-16
1.040E+04	4.370E-01	1.211E-01	2.542E-01	9.909E-11	2.133E-08	4.194E-10	9.035E-09	1.449E-16
1.060E+04	4.506E-01	9.516E-02	2.711E-01	2.245E-10	1.593E-08	2.309E-10	6.522E-09	7.695E-17
1.080E+04	4.616E-01	7.403E-02	2.849E-01	4.902E-10	1.173E-08	1.251E-10	4.619E-09	4.002E-17
1.100E+04	4.703E-01	5.722E-02	2.959E-01	1.036E-09	8.550E-09	6.718E-11	3.229E-09	2.055E-17
1.120E+04	4.771E-01	4.408E-02	3.045E-01	2.122E-09	6.197E-09	3.597E-11	2.240E-09	1.049E-17
1.140E+04	4.824E-01	3.393E-02	3.112E-01	4.229E-09	4.480E-09	1.929E-11	1.549E-09	5.351E-18
1.160E+04	4.864E-01	2.615E-02	3.162E-01	8.216E-09	3.240E-09	1.041E-11	1.072E-09	2.742E-18
1.180E+04	4.895E-01	2.021E-02	3.201E-01	1.559E-08	2.348E-09	5.664E-12	7.436E-10	1.412E-18
1.200E+04	4.918E-01	1.547E-02	3.231E-01	2.893E-08	1.709E-09	3.114E-12	5.184E-10	7.376E-19
1.220E+04	4.937E-01	1.221E-02	3.254E-01	5.257E-08	1.249E-09	1.733E-12	3.636E-10	3.899E-19
1.240E+04	4.950E-01	9.564E-03	3.271E-01	9.370E-08	9.184E-10	9.765E-13	2.568E-10	2.085E-19
1.260E+04	4.961E-01	7.529E-03	3.284E-01	1.640E-07	6.793E-10	5.576E-13	1.827E-10	1.130E-19
1.280E+04	4.970E-01	5.960E-03	3.294E-01	2.819E-07	5.054E-10	3.226E-13	1.310E-10	6.209E-20
1.300E+04	4.976E-01	4.743E-03	3.302E-01	4.767E-07	3.788E-10	1.892E-13	9.469E-11	3.459E-20
1.320E+04	4.982E-01	3.785E-03	3.307E-01	7.934E-07	2.856E-10	1.124E-13	6.898E-11	1.949E-20
1.340E+04	4.987E-01	3.054E-03	3.312E-01	1.301E-06	2.167E-10	6.763E-14	5.064E-11	1.119E-20
1.360E+04	4.991E-01	2.470E-03	3.315E-01	2.102E-06	1.654E-10	4.121E-14	3.745E-11	6.491E-21
1.380E+04	4.995E-01	2.008E-03	3.316E-01	3.351E-06	1.271E-10	2.542E-14	2.791E-11	3.815E-21
1.400E+04	4.999E-01	1.640E-03	3.317E-01	5.270E-06	9.822E-11	1.587E-14	2.095E-11	2.271E-21
1.420E+04	5.004E-01	1.347E-03	3.317E-01	8.182E-06	7.636E-11	1.002E-14	1.583E-11	1.583E-21
1.440E+04	5.009E-01	1.111E-03	3.316E-01	1.255E-05	5.972E-11	6.395E-15	1.204E-11	8.343E-22
1.460E+04	5.015E-01	9.203E-04	3.314E-01	1.902E-05	4.696E-11	4.126E-15	9.218E-12	5.146E-22
1.480E+04	5.023E-01	7.669E-04	3.310E-01	2.848E-05	3.714E-11	2.690E-15	7.099E-12	3.210E-22
1.500E+04	5.032E-01	6.401E-04	3.305E-01	4.219E-05	2.953E-11	1.771E-15	5.499E-12	2.025E-22
1.520E+04	5.043E-01	5.371E-04	3.299E-01	6.179E-05	2.360E-11	1.177E-15	4.283E-12	1.290E-22
1.540E+04	5.057E-01	4.525E-04	3.290E-01	8.953E-05	1.997E-11	7.896E-16	3.352E-12	8.309E-23
1.560E+04	5.073E-01	3.827E-04	3.279E-01	1.284E-04	1.532E-11	5.344E-16	2.637E-12	5.404E-23
1.580E+04	5.093E-01	3.248E-04	3.266E-01	1.821E-04	1.243E-11	3.647E-16	2.084E-12	3.549E-23
1.600E+04	5.117E-01	2.766E-04	3.250E-01	2.558E-04	1.014E-11	2.509E-16	1.653E-12	2.352E-23
1.620E+04	5.143E-01	2.363E-04	3.232E-01	3.558E-04	8.309E-12	1.740E-16	1.317E-12	1.573E-23
1.640E+04	5.174E-01	2.025E-04	3.211E-01	4.901E-04	6.939E-12	1.215E-16	1.053E-12	1.061E-23
1.660E+04	5.207E-01	1.741E-04	3.187E-01	6.689E-04	5.653E-12	8.547E-17	8.449E-13	7.215E-24
1.680E+04	5.243E-01	1.501E-04	3.161E-01	9.050E-04	4.691E-12	6.051E-17	6.801E-13	4.943E-24
1.700E+04	5.281E-01	1.297E-04	3.132E-01	1.214E-03	3.906E-12	4.294E-17	5.492E-13	3.411E-24
1.720E+04	5.321E-01	1.124E-04	3.102E-01	1.616E-03	3.264E-12	3.079E-17	4.449E-13	2.369E-24
1.740E+04	5.361E-01	9.784E-05	3.070E-01	2.136E-03	2.735E-12	2.226E-17	3.613E-13	1.655E-24
1.760E+04	5.402E-01	8.498E-05	3.037E-01	2.802E-03	2.298E-12	1.611E-17	2.943E-13	1.163E-24
1.780E+04	5.441E-01	7.411E-05	3.002E-01	3.652E-03	1.935E-12	1.173E-17	2.403E-13	8.208E-25
1.800E+04	5.480E-01	6.473E-05	2.966E-01	4.729E-03	1.632E-12	8.566E-18	1.966E-13	5.820E-25
1.820E+04	5.517E-01	5.662E-05	2.927E-01	6.084E-03	1.380E-12	6.280E-18	1.611E-13	4.142E-25
1.840E+04	5.553E-01	4.959E-05	2.886E-01	7.776E-03	1.168E-12	4.618E-18	1.321E-13	2.957E-25
1.860E+04	5.588E-01	4.346E-05	2.842E-01	9.874E-03	9.891E-13	3.404E-18	1.084E-13	2.116E-25
1.880E+04	5.622E-01	3.811E-05	2.794E-01	1.245E-02	8.384E-13	2.512E-18	8.892E-14	1.517E-25
1.900E+04	5.656E-01	3.341E-05	2.740E-01	1.559E-02	7.108E-13	1.854E-18	7.282E-14	1.088E-25
1.920E+04	5.690E-01	2.927E-05	2.680E-01	1.936E-02	6.026E-13	1.368E-18	5.948E-14	7.801E-26
1.940E+04	5.724E-01	2.561E-05	2.612E-01	2.384E-02	5.104E-13	1.008E-18	4.839E-14	5.586E-26
1.960E+04	5.760E-01	2.237E-05	2.535E-01	2.911E-02	4.319E-13	7.398E-19	3.918E-14	3.990E-26
1.980E+04	5.798E-01	1.950E-05	2.449E-01	3.520E-02	3.647E-13	5.407E-19	3.151E-14	2.839E-26
2.000E+04	5.837E-01	1.694E-05	2.354E-01	4.213E-02	3.073E-13	3.930E-19	2.515E-14	2.010E-26
2.020E+04	5.879E-01	1.466E-05	2.248E-01	4.990E-02	2.581E-13	2.836E-19	1.989E-14	1.414E-26
2.040E+04	5.923E-01	1.263E-05	2.134E-01	5.845E-02	2.159E-13	2.030E-19	1.557E-14	9.869E-27
2.060E+04	5.968E-01	1.083E-05	2.011E-01	6.770E-02	1.799E-13	1.439E-19	1.205E-14	6.829E-27
2.080E+04	6.016E-01	9.236E-06	1.881E-01	7.752E-02	1.492E-13	1.010E-19	9.220E-15	4.680E-27
2.100E+04	6.064E-01	7.833E-06	1.746E-01	8.775E-02	1.231E-13	7.011E-20	6.964E-15	3.173E-27
2.120E+04	6.113E-01	6.604E-06	1.609E-01	9.822E-02	1.009E-13	4.811E-20	5.192E-15	2.128E-27
2.140E+04	6.161E-01	5.535E-06	1.472E-01	1.087E-01	8.232E-14	3.264E-20	3.822E-15	1.411E-27
2.160E+04	6.208E-01	4.612E-06	1.337E-01	1.191E-01	6.675E-14	2.189E-20	2.778E-15	9.251E-28
2.180E+04	6.254E-01	3.822E-06	1.205E-01	1.292E-01	5.382E-14	1.452E-20	1.995E-15	5.999E-28
2.200E+04	6.297E-01	3.150E-06	1.090E-01	1.389E-01	4.316E-14	9.537E-21	1.417E-15	3.850E-28
2.220E+04	6.337E-01	2.584E-06	9.624E-02	1.479E-01	3.443E-14	6.205E-21	9.964E-16	2.447E-28
2.240E+04	6.375E-01	2.110E-06	8.529E-02	1.564E-01	2.735E-14	4.003E-21	6.942E-16	1.543E-28
2.260E+04	6.409E-01	1.717E-06	7.524E-02	1.641E-01	2.164E-14	2.565E-21	4.800E-16	9.652E-29
2.280E+04	6.441E-01	1.393E-06	6.612E-02	1.712E-01	1.706E-14	1.634E-21	3.297E-16	6.003E-29
2.300E+04	6.469E-01	1.128E-06	5.791E-02	1.775E-01	1.342E-14	1.036E-21	2.253E-16	3.715E-29
2.320E+04	6.494E-01	9.112E-07	5.059E-02	1.832E-01	1.053E-14	6.546E-22	1.533E-16	2.291E-29
2.340E+04	6.516E-01	7.354E-07	4.410E-02	1.882E-01	8.253E-15	4.127E-22	1.040E-16	1.410E-29
2.360E+04	6.535E-01	5.980E-07	3.839E-02	1.926E-01	6.462E-15	2.599E-22	7.046E-17	8.662E-30
2.380E+04	6.553E-01	4.782E-07	3.338E-02	1.964E-01	5.059E-15	1.637E-22	4.768E-17	5.321E-30
2.400E+04	6.567E-01	3.857E-07	2.901E-02	1.998E-01	3.960E-15	1.032E-22	3.227E-17	3.271E-30
2.420E+04	6.580E-01	3.113E-07	2.520E-02	2.028E-01	3.101E-15	6.511E-23	2.186E-17	2.013E-30
2.440E+04	6.592E-01	2.515E-07	2.190E-02	2.053E-01	2.432E-15	4.118E-23	1.482E-17	1.242E-30
2.460E+04	6.601E-01	2.084E-07	1.903E-02	2.075E-01	1.909E-15	2.612E-23	1.007E-17	7.683E-31
2.480E+04	6.610E-01	1.649E-07	1.655E-02	2.095E-01	1.500E-15	1.659E-23	6.863E-18	4.768E-31
2.500E+04	6.617E-01	1.338E-07	1.441E-02	2.111E-01	1.182E-15	1.060E-23	4.688E-18	2.969E-31

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CC2	C2	T
1.478E-02	1.473E-01	9.776E-08	2.163E-09	8.531E-08	1.551E-07	2.700E-16	8.233E-11	9.600E+03
1.113E-02	1.473E-01	1.730E-07	1.589E-09	4.054E-06	1.039E-07	9.454E-17	3.969E-11	9.830E+03
0.336E-03	1.471E-01	3.003E-07	1.163E-09	1.912E-08	6.058E-08	3.232E-17	1.933E-11	1.000E+04
0.355E-03	1.507E-01	5.132E-07	6.484E-10	8.463E-09	4.475E-08	1.082E-17	9.528E-12	1.020E+04
4.830E-03	1.828E-01	8.669E-07	4.185E-10	4.193E-09	2.897E-08	3.572E-18	4.761E-12	1.040E+04
3.630E-03	1.799E-01	1.445E-06	4.505E-10	1.566E-09	1.869E-08	1.170E-18	2.416E-12	1.060E+04
2.037E-03	1.766E-01	2.586E-06	3.286E-10	9.254E-10	1.205E-08	3.850E-19	1.247E-12	1.080E+04
2.195E-03	1.744E-01	3.898E-06	2.405E-10	4.398E-10	7.794E-09	1.261E-19	6.553E-13	1.100E+04
1.710E-03	1.726E-01	6.249E-06	1.767E-10	2.115E-10	5.007E-09	4.204E-20	3.506E-13	1.120E+04
1.542E-03	1.712E-01	1.007E-05	1.305E-10	1.032E-10	3.318E-09	1.424E-20	1.910E-13	1.140E+04
1.060E-03	1.701E-01	1.596E-05	9.699E-11	5.114E-11	2.191E-09	4.924E-21	1.059E-13	1.160E+04
8.437E-04	1.693E-01	2.483E-05	7.252E-11	2.577E-11	1.461E-09	1.740E-21	5.975E-14	1.180E+04
6.738E-04	1.687E-01	3.431E-05	5.488E-11	1.521E-11	9.831E-10	6.298E-22	3.428E-14	1.200E+04
5.447E-04	1.682E-01	5.642E-05	4.135E-11	6.841E-12	6.683E-10	2.336E-22	1.958E-14	1.220E+04
4.418E-04	1.676E-01	8.800E-05	3.153E-11	3.658E-12	4.565E-10	8.880E-23	1.183E-14	1.240E+04
3.605E-04	1.673E-01	1.312E-04	2.426E-11	1.475E-12	3.162E-10	3.46CE-23	7.106E-15	1.260E+04
2.958E-04	1.672E-01	1.434E-04	1.869E-11	1.065E-12	2.228E-10	1.361E-23	4.329E-15	1.280E+04
2.400E-04	1.669E-01	2.619E-04	1.453E-11	6.055E-13	1.574E-10	5.647E-24	2.672E-15	1.300E+04
2.024E-04	1.667E-01	4.066E-04	1.136E-11	3.433E-13	1.123E-10	2.362E-24	1.670E-15	1.320E+04
1.688E-04	1.664E-01	5.504E-04	8.927E-12	1.976E-13	8.073E-11	1.01CE-24	1.057E-15	1.340E+04
1.411E-04	1.660E-01	8.202E-04	7.056E-12	1.154E-13	5.894E-11	4.415E-25	6.761E-16	1.360E+04
1.186E-04	1.656E-01	1.148E-03	5.605E-12	6.836E-14	4.277E-11	1.769E-25	4.370E-16	1.380E+04
1.001E-04	1.652E-01	1.590E-03	4.473E-12	4.102E-14	3.146E-11	8.960E-26	2.852E-16	1.400E+04
8.475E-05	1.648E-01	2.181E-03	3.585E-12	2.443E-14	2.332E-11	4.153E-26	1.878E-16	1.420E+04
7.198E-05	1.643E-01	2.904E-03	2.685E-12	1.532E-14	1.738E-11	1.455E-26	1.246E-16	1.440E+04
6.128E-05	1.641E-01	3.987E-03	2.330E-12	9.524E-15	1.303E-11	9.401E-27	8.320E-17	1.460E+04
5.228E-05	1.639E-01	5.309E-03	1.887E-12	5.479E-15	9.807E-12	4.581E-27	5.587E-17	1.480E+04
4.466E-05	1.638E-01	6.947E-03	1.532E-12	3.708E-15	7.411E-12	2.265E-27	3.768E-17	1.500E+04
3.818E-05	1.636E-01	9.121E-03	1.245E-12	2.449E-15	5.617E-12	1.135E-27	2.548E-17	1.520E+04
3.264E-05	1.635E-01	1.175E-02	1.014E-12	1.556E-15	4.265E-12	5.752E-28	1.724E-17	1.540E+04
2.787E-05	1.634E-01	1.497E-02	8.252E-13	1.007E-15	3.242E-12	2.748E-28	1.166E-17	1.560E+04
2.370E-05	1.633E-01	1.882E-02	6.713E-13	6.343E-16	2.463E-12	1.525E-28	7.886E-18	1.580E+04
2.019E-05	1.632E-01	2.335E-02	5.452E-13	4.268E-16	1.869E-12	7.948E-29	5.282E-18	1.600E+04
1.710E-05	1.631E-01	2.857E-02	4.416E-13	2.790E-16	1.415E-12	4.170E-29	3.524E-18	1.620E+04
1.442E-05	1.630E-01	3.445E-02	3.565E-13	1.826E-16	1.068E-12	2.199E-29	2.331E-18	1.640E+04
1.209E-05	1.629E-01	4.092E-02	2.665E-13	1.155E-16	8.021E-13	1.164E-29	1.527E-18	1.660E+04
1.007E-05	1.628E-01	4.785E-02	2.291E-13	7.817E-17	5.997E-13	6.175E-30	9.893E-19	1.680E+04
8.342E-06	1.627E-01	5.521E-02	1.821E-13	5.104E-17	4.454E-13	3.286E-30	6.324E-19	1.700E+04
6.800E-06	1.626E-02	6.272E-02	1.438E-13	3.325E-17	3.296E-13	1.749E-30	3.998E-19	1.720E+04
5.634E-06	1.625E-02	7.025E-02	1.129E-13	2.161E-17	2.423E-13	9.315E-31	2.493E-19	1.740E+04
4.547E-06	1.624E-02	7.761E-02	8.807E-14	1.401E-17	1.771E-13	4.963E-31	1.535E-19	1.760E+04
3.607E-06	1.623E-02	8.468E-02	6.027E-14	9.025E-18	1.268E-13	2.645E-31	9.337E-20	1.780E+04
2.841E-06	1.622E-02	9.130E-02	5.264E-14	5.835E-18	9.319E-14	1.410E-31	5.621E-20	1.800E+04
2.347E-06	1.621E-02	9.740E-02	4.039E-14	3.765E-18	6.715E-14	7.517E-32	3.352E-20	1.820E+04
1.966E-06	1.620E-02	1.025E-01	3.086E-14	2.423E-18	4.821E-14	4.011E-32	1.984E-20	1.840E+04
1.478E-06	1.619E-02	1.070E-01	2.351E-14	1.558E-18	3.451E-14	2.141E-32	1.168E-20	1.860E+04
1.169E-06	1.618E-02	1.120E-01	1.787E-14	1.002E-18	2.463E-14	1.144E-32	6.845E-21	1.880E+04
9.220E-07	1.617E-02	1.156E-01	1.357E-14	6.439E-19	1.754E-14	6.117E-33	4.003E-21	1.900E+04
7.282E-07	1.616E-02	1.186E-01	1.030E-14	4.139E-19	1.246E-14	3.267E-33	2.339E-21	1.920E+04
5.748E-07	1.615E-02	1.211E-01	7.817E-15	2.662E-19	8.834E-15	1.746E-33	1.368E-21	1.940E+04
4.501E-07	1.614E-02	1.230E-01	5.943E-15	1.712E-19	6.250E-15	9.319E-34	6.012E-22	1.960E+04
3.591E-07	1.613E-02	1.244E-01	4.526E-15	1.102E-19	4.412E-15	4.480E-34	4.088E-22	1.980E+04
2.890E-07	1.612E-02	1.253E-01	3.455E-15	7.065E-20	3.106E-15	2.635E-34	2.778E-22	2.000E+04
2.260E-07	1.611E-02	1.259E-01	2.644E-15	4.555E-20	2.181E-15	1.357E-34	1.640E-22	2.020E+04
1.799E-07	1.610E-02	1.261E-01	2.024E-15	2.925E-20	1.526E-15	7.361E-35	9.804E-23	2.040E+04
1.436E-07	1.609E-02	1.260E-01	1.562E-15	1.877E-20	1.046E-15	3.857E-35	5.871E-23	2.060E+04
1.149E-07	1.608E-02	1.258E-01	1.206E-15	1.202E-20	7.396E-16	2.007E-35	3.536E-23	2.080E+04
9.220E-08	1.607E-02	1.250E-01	9.345E-16	7.681E-21	5.119E-16	1.031E-35	2.142E-23	2.100E+04
7.420E-08	1.606E-02	1.243E-01	7.235E-16	4.898E-21	3.529E-16	5.321E-36	1.305E-23	2.120E+04
5.960E-08	1.605E-02	1.234E-01	5.637E-16	3.118E-21	2.424E-16	2.708E-36	7.997E-24	2.140E+04
4.846E-08	1.604E-02	1.225E-01	4.416E-16	1.978E-21	1.659E-16	1.368E-36	4.929E-24	2.160E+04
3.932E-08	1.603E-02	1.215E-01	3.401E-16	1.253E-21	1.132E-16	6.857E-37	3.056E-24	2.180E+04
3.200E-08	1.602E-02	1.205E-01	2.718E-16	7.927E-22	7.697E-17	3.416E-37	1.906E-24	2.200E+04
2.612E-08	1.601E-02	1.196E-01	2.139E-16	5.007E-22	5.223E-17	1.692E-37	1.195E-24	2.220E+04
2.137E-08	1.600E-02	1.186E-01	1.686E-16	3.180E-22	3.539E-17	8.344E-38	7.541E-25	2.240E+04
1.754E-08	1.599E-02	1.178E-01	1.333E-16	1.994E-22	2.395E-17	4.101E-38	4.786E-25	2.260E+04
1.444E-08	1.598E-02	1.170E-01	1.057E-16	1.259E-22	1.620E-17	2.011E-38	3.055E-25	2.280E+04
1.192E-08	1.597E-02	1.163E-01	8.421E-17	7.957E-23	1.096E-17	9.825E-39	1.961E-25	2.300E+04
9.861E-09	1.596E-02	1.156E-01	6.711E-17	5.037E-23	7.425E-18	4.816E-39	1.267E-25	2.320E+04
8.144E-09	1.595E-02	1.150E-01	5.361E-17	3.195E-23	5.035E-18	2.364E-39	6.226E-26	2.340E+04
6.811E-09	1.594E-02	1.145E-01	4.244E-17	2.052E-23	3.421E-18	1.163E-39	3.373E-26	2.360E+04
5.644E-09	1.593E-02	1.141E-01	3.446E-17	1.296E-23	2.330E-18	5.741E-40	3.530E-26	2.380E+04
4.636E-09	1.592E-02	1.137E-01	2.775E-17	8.300E-24	1.591E-18	2.845E-40	2.332E-26	2.400E+04
3.990E-09	1.591E-02	1.133E-01	2.240E-17	5.334E-24	1.090E-18	1.417E-40	1.549E-26	2.420E+04
3.356E-09	1.590E-02	1.130E-01	1.812E-17	3.442E-24	7.488E-19	7.074E-41	1.035E-26	2.440E+04
2.830E-09	1.589E-02	1.128E-01	1.464E-17	2.231E-24	5.163E-19	3.574E-41	6.947E-27	2.460E+04
2.393E-09	1.588E-02	1.125E-01	1.195E-17	1.452E-24	3.574E-19	1.811E-41	4.689E-27	2.480E+04
2.028E-09	1.587E-02	1.123E-01	9.738E-18	9.499E-25	2.483E-19	9.243E-42	3.181E-27	2.500E+04

Table II. - Continued.

P/P0 = 1.00E-03

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.475E-11	1.760E-18	0.
2.000E+02	0.	2.332E-66	0.	0.	0.	4.824E-11	1.760E-18	0.
3.000E+02	0.	1.170E-44	9.581E-79	0.	0.	6.045E-11	1.760E-18	0.
4.000E+02	0.	7.561E-34	2.681E-61	0.	0.	4.840E-11	1.760E-18	0.
5.000E+02	0.	2.568E-27	7.678E-51	0.	0.	4.844E-11	1.760E-18	0.
6.000E+02	1.086E-90	5.966E-23	7.330E-44	0.	0.	4.876E-11	1.760E-18	0.
7.000E+02	8.868E-76	1.174E-19	5.193E-39	0.	3.108E-88	9.439E-11	1.760E-18	2.440E-82
8.000E+02	3.078E-63	1.468E-16	4.889E-36	0.	4.856E-74	3.370E-09	1.760E-18	2.815E-69
9.000E+02	2.594E-53	4.765E-14	8.452E-34	0.	9.214E-63	7.817E-08	1.760E-18	8.296E-59
1.000E+03	2.333E-45	4.900E-12	5.234E-32	0.	9.804E-54	9.710E-07	1.760E-18	1.987E-50
1.100E+03	7.658E-39	2.176E-10	1.539E-30	0.	2.381E-46	7.611E-06	1.760E-18	1.419E-43
1.200E+03	2.096E-33	5.146E-09	2.589E-29	0.	3.394E-40	4.223E-05	1.760E-18	7.269E-38
1.300E+03	8.467E-29	7.487E-08	2.832E-28	0.	5.459E-35	1.796E-04	1.760E-18	4.903E-33
1.400E+03	7.600E-25	7.435E-07	2.209E-27	0.	1.580E-30	6.194E-04	1.759E-18	6.721E-29
1.500E+03	2.042E-21	5.435E-06	1.315E-26	0.	1.157E-26	1.805E-03	1.759E-18	2.549E-25
1.600E+03	1.217E-18	3.093E-05	1.062E-25	0.	1.638E-23	4.573E-03	2.969E-18	2.049E-22
1.700E+03	3.926E-17	1.430E-04	5.876E-24	0.	1.119E-21	1.029E-02	4.101E-17	8.398E-21
1.800E+03	6.004E-16	5.536E-04	2.984E-22	0.	3.285E-20	2.084E-02	6.023E-16	1.551E-19
1.900E+03	6.717E-15	1.838E-03	1.027E-20	0.	6.465E-19	3.823E-02	6.721E-15	1.992E-18
2.000E+03	5.809E-14	5.319E-03	2.491E-19	3.836E-89	9.075E-18	6.367E-02	5.812E-14	1.868E-17
2.100E+03	3.999E-13	1.357E-02	4.457E-18	1.847E-84	9.387E-17	9.599E-02	4.001E-13	1.307E-16
2.200E+03	2.237E-12	3.073E-02	6.189E-17	3.475E-80	7.312E-16	1.302E-01	2.238E-12	6.896E-16
2.300E+03	1.034E-11	6.204E-02	8.622E-16	2.919E-76	4.354E-15	1.574E-01	1.034E-11	2.751E-15
2.400E+03	3.993E-11	1.120E-01	6.230E-15	1.225E-72	2.001E-14	1.681E-01	3.993E-11	8.295E-15
2.500E+03	1.301E-10	1.809E-01	4.752E-14	2.824E-69	7.151E-14	1.572E-01	1.300E-10	1.885E-14
2.600E+03	3.603E-10	2.617E-01	3.107E-13	3.876E-66	1.997E-13	1.275E-01	3.598E-10	3.222E-14
2.700E+03	8.575E-10	3.406E-01	1.770E-12	3.380E-63	4.411E-13	8.978E-02	8.542E-10	4.173E-14
2.800E+03	1.784E-09	4.038E-01	8.905E-12	1.960E-60	7.933E-13	5.582E-02	1.769E-09	4.241E-14
2.900E+03	3.352E-09	4.460E-01	3.999E-11	7.726E-58	1.220E-12	3.186E-02	3.274E-09	3.614E-14
3.000E+03	5.863E-09	4.707E-01	1.612E-10	2.094E-55	1.700E-12	1.745E-02	5.548E-09	2.790E-14
3.100E+03	9.876E-09	4.841E-01	5.835E-10	3.908E-53	2.257E-12	9.507E-03	8.724E-09	2.085E-14
3.200E+03	1.651E-08	4.913E-01	1.893E-09	4.963E-51	2.977E-12	5.252E-03	1.273E-08	1.585E-14
3.300E+03	2.810E-08	4.951E-01	5.370E-09	4.255E-49	4.020E-12	2.971E-03	1.711E-08	1.267E-14
3.400E+03	4.936E-08	4.971E-01	1.351E-08	2.480E-47	5.649E-12	1.727E-03	2.113E-08	1.084E-14
3.500E+03	8.913E-08	4.983E-01	3.038E-08	1.019E-45	8.236E-12	1.032E-03	2.425E-08	9.885E-15
3.600E+03	1.631E-07	4.990E-01	6.245E-08	3.116E-44	1.227E-11	6.336E-04	2.637E-08	9.446E-15
3.700E+03	2.979E-07	4.993E-01	1.198E-07	7.467E-43	1.843E-11	3.989E-04	2.769E-08	9.308E-15
3.800E+03	5.389E-07	4.996E-01	2.177E-07	1.454E-41	2.762E-11	2.571E-04	2.840E-08	9.361E-15
3.900E+03	9.639E-07	4.997E-01	3.770E-07	2.347E-40	4.125E-11	1.695E-04	2.857E-08	9.573E-15
4.000E+03	1.711E-06	4.998E-01	6.226E-07	3.170E-39	6.158E-11	1.140E-04	2.816E-08	9.972E-15
4.100E+03	3.033E-06	5.000E-01	9.783E-07	3.584E-38	9.248E-11	7.823E-05	2.707E-08	1.063E-14
4.200E+03	5.411E-06	5.002E-01	1.457E-06	3.385E-37	1.406E-10	5.466E-05	2.525E-08	1.168E-14
4.300E+03	9.761E-06	5.006E-01	2.054E-06	2.678E-36	2.177E-10	3.885E-05	2.279E-08	1.326E-14
4.400E+03	1.779E-05	5.013E-01	2.754E-06	1.798E-35	3.426E-10	2.808E-05	1.996E-08	1.553E-14
4.500E+03	3.254E-05	5.026E-01	3.543E-06	1.047E-34	5.446E-10	2.065E-05	1.712E-08	1.864E-14
4.600E+03	5.920E-05	5.049E-01	4.429E-06	5.440E-34	8.672E-10	1.545E-05	1.455E-08	2.274E-14
4.700E+03	1.062E-04	5.088E-01	5.450E-06	2.593E-33	1.372E-09	1.178E-05	1.241E-08	2.796E-14
4.800E+03	1.860E-04	5.152E-01	6.682E-06	1.164E-32	2.138E-09	9.172E-06	1.076E-08	3.442E-14
4.900E+03	3.159E-04	5.246E-01	8.249E-06	5.036E-32	3.265E-09	7.308E-06	9.586E-09	4.217E-14
5.000E+03	5.174E-04	5.375E-01	1.034E-05	2.138E-31	4.855E-09	5.957E-06	8.842E-09	5.112E-14
5.100E+03	8.138E-04	5.536E-01	1.321E-05	9.018E-31	6.996E-09	4.956E-06	8.466E-09	6.092E-14
5.200E+03	1.228E-03	5.718E-01	1.720E-05	3.796E-30	9.734E-09	4.184E-06	8.385E-09	7.089E-14
5.300E+03	1.782E-03	5.903E-01	2.276E-05	1.593E-29	1.305E-08	3.560E-06	8.531E-09	8.011E-14
5.400E+03	2.492E-03	6.073E-01	3.044E-05	6.626E-29	1.688E-08	3.034E-06	8.840E-09	8.766E-14
5.500E+03	3.377E-03	6.217E-01	4.095E-05	2.715E-28	2.109E-08	2.580E-06	9.259E-09	9.295E-14
5.600E+03	4.455E-03	6.329E-01	5.516E-05	1.089E-27	2.561E-08	2.186E-06	9.751E-09	9.583E-14
5.700E+03	5.752E-03	6.410E-01	7.416E-05	4.246E-27	3.034E-08	1.846E-06	1.029E-08	9.656E-14
5.800E+03	7.294E-03	6.463E-01	9.927E-05	1.605E-26	3.525E-08	1.556E-06	1.086E-08	9.561E-14
5.900E+03	9.116E-03	6.499E-01	1.321E-04	5.868E-26	4.034E-08	1.312E-06	1.145E-08	9.346E-14
6.000E+03	1.126E-02	6.516E-01	1.747E-04	2.072E-25	4.559E-08	1.106E-06	1.206E-08	9.051E-14
6.100E+03	1.376E-02	6.521E-01	2.295E-04	7.062E-25	5.102E-08	9.351E-07	1.269E-08	8.707E-14
6.200E+03	1.667E-02	6.517E-01	2.993E-04	2.326E-24	5.661E-08	7.923E-07	1.333E-08	8.335E-14
6.300E+03	2.071E-02	6.504E-01	3.877E-04	7.410E-24	6.235E-08	6.731E-07	1.398E-08	7.948E-14
6.400E+03	2.534E-02	6.485E-01	4.989E-04	2.285E-23	6.821E-08	5.735E-07	1.465E-08	7.555E-14
6.500E+03	2.822E-02	6.460E-01	6.379E-04	6.834E-23	7.416E-08	4.900E-07	1.533E-08	7.161E-14
6.600E+03	3.316E-02	6.428E-01	8.107E-04	1.984E-22	8.015E-08	4.198E-07	1.603E-08	6.769E-14
6.700E+03	3.871E-02	6.392E-01	1.024E-03	5.602E-22	8.512E-08	3.605E-07	1.673E-08	6.381E-14
6.800E+03	4.489E-02	6.360E-01	1.287E-03	1.540E-21	9.201E-08	3.103E-07	1.746E-08	5.997E-14
6.900E+03	5.174E-02	6.302E-01	1.610E-03	4.129E-21	9.773E-08	2.677E-07	1.820E-08	5.620E-14
7.000E+03	5.924E-02	6.249E-01	2.003E-03	1.081E-20	1.032E-07	2.314E-07	1.895E-08	5.249E-14
7.100E+03	6.741E-02	6.191E-01	2.482E-03	2.768E-20	1.084E-07	2.003E-07	1.973E-08	4.886E-14
7.200E+03	7.622E-02	6.127E-01	3.063E-03	6.939E-20	1.132E-07	1.737E-07	2.053E-08	4.531E-14
7.300E+03	8.565E-02	6.057E-01	3.767E-03	1.766E-19	1.174E-07	1.508E-07	2.135E-08	4.186E-14
7.400E+03	9.565E-02	5.982E-01	4.616E-03	4.115E-19	1.212E-07	1.310E-07	2.220E-08	3.852E-14
7.500E+03	1.062E-01	5.902E-01	5.640E-03	9.756E-19	1.243E-07	1.140E-07	2.308E-08	3.529E-14
7.600E+03	1.171E-01	5.817E-01	6.872E-03	2.275E-18	1.267E-07	9.923E-08	2.400E-08	3.220E-14
7.700E+03	1.284E-01	5.727E-01	8.350E-03	5.224E-18	1.284E-07	8.645E-08	2.496E-08	2.924E-14
7.800E+03	1.399E-01	5.632E-01	1.012E-02	1.182E-17	1.294E-07	7.536E-08	2.595E-08	2.644E-14
7.900E+03	1.517E-01	5.538E-01	1.224E-02	2.635E-17	1.297E-07	6.571E-08	2.698E-08	2.380E-14
8.000E+03	1.635E-01	5.429E-01	1.476E-02	5.795E-17	1.292E-07	5.731E-08	2.803E-08	2.133E-14
9.000E+03	1.871E-01	5.206E-01	2.130E-02	2.688E-16	1.262E-07	4.356E-08	3.020E-08	1.690E-14

Table II. - Continued.

P/P0 = 1.00E-03

C	C+	C++	C-	CU	CO+	CC2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.026E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.105E-39	3.746E-74	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.691E-26	1.944E-58	1.000E+00	0.	4.000E+02
1.724E-45	0.	0.	0.	4.313E-19	4.407E-46	1.000E+00	0.	5.000E+02
3.961E-76	4.111E-77	0.	0.	3.733E-14	7.556E-38	1.000E+00	0.	6.000E+02
1.411E-02	6.452E-05	0.	0.	9.024E-11	2.151E-32	1.000E+00	2.106E-49	7.000E+02
9.543E-54	3.007E-58	0.	0.	6.643E-09	2.606E-30	1.000E+00	2.813E-77	8.000E+02
4.524E-41	1.915E-53	0.	0.	1.562E-07	6.292E-29	1.000E+00	3.675E-66	9.000E+02
1.153E-41	1.302E-44	0.	1.867E-84	1.942E-06	7.958E-24	1.000E+00	7.141E-61	1.000E+03
2.803E-37	1.792E-46	0.	3.184E-74	1.522E-05	6.348E-27	1.000E+00	6.561E-55	1.000E+03
1.320E-33	7.440E-44	0.	1.071E-65	6.447E-05	3.585E-26	9.949E-01	6.145E-50	1.200E+03
1.607E-30	1.228E-41	0.	1.755E-58	3.543E-04	1.552E-25	9.955E-01	9.882E-46	1.300E+03
7.601E-28	9.820E-40	0.	2.677E-52	1.240E-03	5.450E-25	9.981E-01	3.984E-42	1.400E+03
1.334E-25	4.392E-38	2.583E-45	6.098E-47	3.614E-03	1.621E-24	9.946E-01	5.308E-39	1.500E+03
1.594E-23	2.083E-36	3.164E-51	1.750E-42	9.177E-03	7.112E-24	9.862E-01	2.872E-36	1.600E+03
9.580E-22	5.498E-34	9.912E-86	1.707E-39	2.072E-02	2.287E-22	9.688E-01	7.378E-34	1.700E+03
1.166E-20	1.166E-31	1.584E-80	5.339E-37	4.222E-02	7.142E-21	9.364E-01	1.015E-31	1.800E+03
9.342E-19	1.331E-29	7.611E-76	8.777E-35	7.830E-02	1.574E-19	6.814E-01	8.214E-30	1.900E+03
1.733E-17	1.019E-27	1.290E-71	8.391E-33	1.327E-01	2.524E-18	7.983E-01	4.199E-28	2.000E+03
2.392E-16	5.175E-26	9.042E-68	4.985E-31	2.056E-01	3.090E-17	6.849E-01	1.438E-26	2.100E+03
2.561E-15	1.874E-24	3.007E-64	1.934E-29	2.910E-01	2.967E-16	5.481E-01	3.462E-25	2.200E+03
2.200E-14	5.157E-23	5.347E-61	5.16E-28	3.768E-01	2.310E-15	4.037E-01	6.138E-24	2.300E+03
1.507E-13	1.127E-21	5.055E-58	4.793E-27	4.483E-01	1.506E-14	2.716E-01	8.418E-23	2.400E+03
9.582E-13	2.084E-20	3.930E-55	1.381E-25	4.952E-01	8.501E-14	1.667E-01	9.448E-22	2.500E+03
5.225E-12	3.342E-19	1.507E-52	1.511E-24	5.167E-01	4.310E-13	9.406E-02	9.246E-21	2.600E+03
2.633E-11	4.955E-18	7.634E-50	1.338E-23	5.201E-01	2.031E-12	4.955E-02	8.383E-20	2.700E+03
1.255E-10	7.494E-17	2.385E-47	9.399E-25	5.154E-01	9.095E-12	2.499E-02	7.320E-19	2.800E+03
5.688E-10	9.264E-16	5.953E-45	6.506E-22	5.097E-01	3.876E-11	1.243E-02	6.170E-18	2.900E+03
2.431E-09	1.135E-14	1.141E-42	3.778E-21	5.056E-01	1.551E-10	6.248E-03	4.904E-17	3.000E+03
9.705E-09	1.157E-13	1.998E-40	1.998E-20	5.031E-01	5.714E-10	3.220E-03	3.588E-16	3.100E+03
3.604E-08	1.037E-12	1.620E-38	5.888E-20	5.018E-01	1.401E-09	1.713E-03	2.385E-15	3.200E+03
1.246E-07	1.031E-12	1.131E-36	4.687E-19	5.010E-01	5.618E-09	9.427E-04	1.435E-14	3.300E+03
4.021E-07	4.961E-11	5.467E-35	2.163E-18	5.006E-01	1.467E-08	5.361E-04	7.831E-14	3.400E+03
1.210E-06	2.076E-10	1.891E-33	4.714E-18	5.004E-01	3.425E-08	3.145E-04	3.897E-13	3.500E+03
3.467E-06	1.259E-09	4.930E-32	4.200E-17	5.002E-01	7.300E-08	1.900E-04	1.779E-12	3.600E+03
9.345E-06	5.800E-09	1.017E-30	1.729E-16	5.001E-01	1.451E-07	1.180E-04	7.497E-12	3.700E+03
2.393E-05	2.026E-08	1.719E-29	6.746E-16	5.001E-01	2.725E-07	7.508E-05	2.932E-11	3.800E+03
5.842E-05	7.122E-08	2.429E-28	2.499E-15	5.000E-01	4.872E-07	4.891E-05	1.070E-10	3.900E+03
1.305E-04	2.304E-07	2.892E-27	8.844E-15	4.998E-01	8.295E-07	3.255E-05	3.664E-10	4.000E+03
3.059E-04	0.881E-07	2.900E-26	3.019E-14	4.996E-01	1.341E-06	2.210E-05	1.181E-09	4.100E+03
6.595E-04	1.877E-06	2.442E-25	1.003E-13	4.990E-01	2.051E-06	1.528E-05	3.599E-09	4.200E+03
1.371E-03	4.721E-06	1.729E-24	3.267E-13	4.979E-01	2.963E-06	1.074E-05	1.039E-08	4.300E+03
2.749E-03	1.096E-05	1.040E-23	1.042E-12	4.959E-01	4.053E-06	7.662E-06	2.842E-08	4.400E+03
5.319E-03	2.369E-05	5.426E-23	3.234E-12	4.920E-01	5.290E-06	5.535E-06	7.366E-08	4.500E+03
9.919E-03	4.811E-05	2.510E-22	9.666E-12	4.850E-01	6.647E-06	4.037E-06	1.800E-07	4.600E+03
1.776E-02	9.200E-05	1.052E-21	2.744E-11	4.732E-01	8.103E-06	2.962E-06	4.117E-07	4.700E+03
3.036E-02	1.697E-04	4.003E-21	7.298E-11	4.541E-01	9.629E-06	2.174E-06	8.705E-07	4.800E+03
4.920E-02	2.905E-04	1.465E-20	1.790E-10	4.256E-01	1.118E-05	1.585E-06	1.676E-06	4.900E+03
7.508E-02	4.943E-04	4.978E-20	4.001E-10	3.864E-01	1.267E-05	1.139E-06	2.895E-06	5.000E+03
1.073E-01	1.886E-04	1.604E-19	8.073E-10	3.374E-01	1.400E-05	7.999E-07	4.441E-06	5.100E+03
1.457E-01	1.196E-03	4.930E-19	1.468E-09	2.821E-01	1.505E-05	5.443E-07	6.035E-06	5.200E+03
1.806E-01	1.743E-03	1.450E-18	2.416E-09	2.256E-01	1.572E-05	3.573E-07	7.311E-06	5.300E+03
2.147E-01	2.445E-03	4.095E-18	3.636E-09	1.730E-01	1.597E-05	2.262E-07	7.995E-06	5.400E+03
2.435E-01	3.320E-03	1.113E-17	5.072E-09	1.281E-01	1.582E-05	1.386E-07	8.031E-06	5.500E+03
2.659E-01	4.385E-03	2.921E-17	8.652E-09	9.230E-02	1.535E-05	8.284E-08	7.544E-06	5.600E+03
2.822E-01	5.883E-03	7.405E-17	8.315E-09	6.926E-02	1.465E-05	4.869E-08	6.755E-06	5.700E+03
2.933E-01	7.181E-03	1.821E-16	1.002E-08	4.563E-02	1.382E-05	2.837E-08	5.840E-06	5.800E+03
3.001E-01	8.771E-03	4.341E-16	1.174E-08	3.174E-02	1.294E-05	1.650E-08	4.933E-06	5.900E+03
3.038E-01	1.107E-02	1.006E-15	1.348E-08	2.206E-02	1.205E-05	9.625E-09	4.104E-06	6.000E+03
3.050E-01	1.352E-02	2.265E-15	1.522E-08	1.536E-02	1.118E-05	5.648E-09	3.382E-06	6.100E+03
3.043E-01	1.635E-02	4.988E-15	1.695E-08	1.074E-02	1.036E-05	3.341E-09	2.769E-06	6.200E+03
3.020E-01	1.961E-02	1.069E-14	1.867E-08	7.547E-03	9.589E-06	1.994E-09	2.259E-06	6.300E+03
2.985E-01	2.334E-02	2.240E-14	2.055E-08	5.330E-03	8.867E-06	1.201E-09	1.837E-06	6.400E+03
2.938E-01	2.757E-02	4.584E-14	2.147E-08	3.783E-03	8.195E-06	7.299E-10	1.490E-06	6.500E+03
2.881E-01	3.234E-02	9.202E-14	2.351E-08	2.698E-03	7.569E-06	4.474E-10	1.206E-06	6.600E+03
2.815E-01	3.788E-02	1.808E-13	2.493E-08	1.933E-03	6.986E-06	2.764E-10	9.733E-07	6.700E+03
2.738E-01	4.360E-02	3.483E-13	2.620E-08	1.340E-03	6.442E-06	1.720E-10	7.830E-07	6.800E+03
2.653E-01	5.012E-02	6.584E-13	2.729E-08	1.003E-03	5.933E-06	1.077E-10	6.274E-07	6.900E+03
2.559E-01	5.723E-02	1.223E-12	2.815E-08	7.256E-04	5.457E-06	6.784E-11	5.005E-07	7.000E+03
2.456E-01	6.492E-02	2.231E-12	2.875E-08	5.259E-04	5.011E-06	4.291E-11	3.971E-07	7.100E+03
2.345E-01	7.316E-02	4.004E-12	2.908E-08	3.816E-04	4.593E-06	2.725E-11	3.130E-07	7.200E+03
2.227E-01	8.188E-02	7.071E-12	2.910E-08	2.771E-04	4.199E-06	1.736E-11	2.451E-07	7.300E+03
2.103E-01	9.103E-02	1.230E-11	2.881E-08	2.012E-04	3.830E-06	1.108E-11	1.903E-07	7.400E+03
1.973E-01	1.005E-01	2.106E-11	2.820E-08	1.460E-04	3.483E-06	7.081E-12	1.465E-07	7.500E+03
1.840E-01	1.102E-01	3.555E-11	2.729E-08	1.058E-04	3.158E-06	4.530E-12	1.118E-07	7.600E+03
1.704E-01	1.200E-01	5.915E-11	2.612E-08	7.657E-05	2.853E-06	2.848E-12	8.442E-08	7.700E+03
1.568E-01	1.298E-01	9.708E-11	2.470E-08	5.530E-05	2.569E-06	1.854E-12	6.311E-08	7.800E+03
1.433E-01	1.394E-01	1.572E-10	2.310E-08	3.948E-05	2.304E-06	1.185E-12	4.668E-08	7.900E+03
1.301E-01	1.487E-01	2.511E-10	2.136E-08	2.864E-05	2.059E-06	7.563E-13	3.418E-08	8.000E+03
1.052E-01	1.658E-01	6.184E-10	1.770E-08	1.468E-05	1.623E-06	3.069E-13	1.778E-08	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	2.104E-01	4.961E-01	3.033E-02	1.178E-15	1.209E-07	3.297E-08	3.226E-08	1.315E-14
8.600E+03	2.334E-01	4.686E-01	4.243E-02	4.860E-15	1.137E-07	2.474E-08	3.395E-08	1.003E-14
8.800E+03	2.565E-01	4.377E-01	5.803E-02	1.977E-14	1.050E-07	1.829E-08	3.490E-08	7.487E-15
9.000E+03	2.798E-01	4.029E-01	7.724E-02	6.767E-14	9.524E-08	1.323E-08	3.474E-08	5.443E-15
9.200E+03	3.035E-01	3.646E-01	9.977E-02	2.273E-13	8.470E-08	9.304E-09	3.328E-08	3.836E-15
9.400E+03	3.276E-01	3.234E-01	1.249E-01	7.120E-13	7.369E-08	6.333E-09	3.055E-08	2.608E-15
9.600E+03	3.514E-01	2.810E-01	1.514E-01	2.088E-12	6.257E-08	4.157E-09	2.682E-08	1.703E-15
9.800E+03	3.745E-01	2.389E-01	1.782E-01	5.759E-12	5.178E-08	2.628E-09	2.252E-08	1.066E-15
1.000E+04	3.960E-01	1.988E-01	2.039E-01	1.502E-11	4.173E-08	1.600E-09	1.813E-08	6.390E-16
1.020E+04	4.154E-01	1.622E-01	2.275E-01	3.722E-11	3.279E-09	9.414E-10	1.405E-08	3.678E-16
1.040E+04	4.323E-01	1.301E-01	2.484E-01	8.810E-11	2.518E-08	5.375E-10	1.054E-08	2.042E-16
1.060E+04	4.465E-01	1.028E-01	2.661E-01	2.001E-10	1.896E-08	2.997E-10	7.688E-09	1.100E-16
1.080E+04	4.582E-01	8.045E-02	2.807E-01	4.379E-10	1.406E-08	1.642E-10	5.496E-09	5.794E-17
1.100E+04	4.675E-01	6.248E-02	2.925E-01	9.266E-10	1.031E-08	8.898E-11	3.872E-09	3.007E-17
1.120E+04	4.749E-01	4.831E-02	3.019E-01	1.901E-09	7.511E-09	4.800E-11	2.703E-09	1.548E-17
1.140E+04	4.806E-01	3.730E-02	3.090E-01	3.793E-09	5.452E-09	2.590E-11	1.879E-09	7.953E-18
1.160E+04	4.850E-01	2.881E-02	3.145E-01	7.375E-09	3.955E-09	1.404E-11	1.305E-09	4.098E-18
1.180E+04	4.884E-01	2.281E-02	3.198E-01	1.400E-08	2.874E-09	7.668E-12	9.081E-10	2.123E-18
1.200E+04	4.910E-01	1.733E-02	3.220E-01	2.599E-08	2.095E-09	4.229E-12	6.346E-10	1.109E-18
1.220E+04	4.930E-01	1.352E-02	3.245E-01	4.726E-08	1.534E-09	2.358E-12	4.459E-10	5.888E-19
1.240E+04	4.945E-01	1.059E-02	3.264E-01	8.425E-08	1.129E-09	1.331E-12	3.154E-10	3.154E-19
1.260E+04	4.957E-01	8.345E-03	3.279E-01	1.474E-07	8.359E-10	7.611E-13	2.246E-10	1.712E-19
1.280E+04	4.966E-01	6.609E-03	3.290E-01	2.536E-07	6.226E-10	4.408E-13	1.612E-10	9.419E-20
1.300E+04	4.974E-01	5.262E-03	3.298E-01	4.288E-07	4.666E-10	2.587E-13	1.166E-10	5.253E-20
1.320E+04	4.980E-01	4.212E-03	3.305E-01	7.139E-07	3.519E-10	1.538E-13	8.498E-11	2.965E-20
1.340E+04	4.985E-01	3.389E-03	3.310E-01	1.171E-06	2.671E-10	9.258E-14	6.241E-11	1.701E-20
1.360E+04	4.989E-01	2.742E-03	3.313E-01	1.892E-06	2.040E-10	5.644E-14	4.618E-11	9.873E-21
1.380E+04	4.993E-01	2.229E-03	3.315E-01	3.016E-06	1.567E-10	3.482E-14	3.442E-11	5.805E-21
1.400E+04	4.998E-01	1.822E-03	3.317E-01	4.743E-06	1.212E-10	2.174E-14	2.584E-11	3.456E-21
1.420E+04	5.002E-01	1.496E-03	3.317E-01	7.366E-06	9.420E-11	1.373E-14	1.953E-11	2.083E-21
1.440E+04	5.007E-01	1.234E-03	3.316E-01	1.130E-05	7.367E-11	8.766E-15	1.496E-11	1.270E-21
1.460E+04	5.013E-01	1.022E-03	3.315E-01	1.713E-05	5.793E-11	5.657E-15	1.138E-11	7.835E-22
1.480E+04	5.020E-01	8.508E-04	3.312E-01	2.566E-05	4.581E-11	3.682E-15	8.765E-12	4.888E-22
1.500E+04	5.028E-01	7.111E-04	3.307E-01	3.802E-05	3.642E-11	2.428E-15	6.791E-12	3.082E-22
1.520E+04	5.035E-01	5.987E-04	3.301E-01	5.571E-05	2.911E-11	1.614E-15	5.291E-12	1.964E-22
1.540E+04	5.051E-01	5.027E-04	3.293E-01	8.075E-05	2.339E-11	1.083E-15	4.143E-12	1.265E-22
1.560E+04	5.066E-01	4.262E-04	3.284E-01	1.158E-04	1.888E-11	7.330E-16	3.260E-12	8.225E-23
1.580E+04	5.085E-01	3.608E-04	3.272E-01	1.645E-04	1.532E-11	5.003E-16	2.577E-12	5.400E-23
1.600E+04	5.107E-01	3.073E-04	3.257E-01	2.312E-04	1.250E-11	3.443E-16	2.045E-12	3.579E-23
1.620E+04	5.132E-01	2.626E-04	3.240E-01	3.217E-04	1.024E-11	2.387E-16	1.630E-12	2.393E-23
1.640E+04	5.160E-01	2.251E-04	3.220E-01	4.435E-04	8.424E-12	1.668E-16	1.304E-12	1.614E-23
1.660E+04	5.192E-01	1.935E-04	3.197E-01	6.058E-04	6.961E-12	1.173E-16	1.047E-12	1.097E-23
1.680E+04	5.227E-01	1.669E-04	3.172E-01	8.201E-04	5.776E-12	8.309E-17	8.432E-13	7.519E-24
1.700E+04	5.264E-01	1.443E-04	3.145E-01	1.101E-03	4.810E-12	5.922E-17	6.813E-13	5.189E-24
1.720E+04	5.303E-01	1.260E-04	3.116E-01	1.466E-03	4.019E-12	4.229E-17	5.521E-13	3.605E-24
1.740E+04	5.342E-01	1.086E-04	3.085E-01	1.938E-03	3.368E-12	3.050E-17	4.488E-13	2.520E-24
1.760E+04	5.382E-01	9.486E-05	3.052E-01	2.544E-03	2.831E-12	2.215E-17	3.677E-13	1.771E-24
1.780E+04	5.422E-01	8.249E-05	3.018E-01	3.316E-03	2.385E-12	1.611E-17	2.988E-13	1.251E-24
1.800E+04	5.461E-01	7.208E-05	2.982E-01	4.295E-03	2.013E-12	1.180E-17	2.446E-13	8.879E-25
1.820E+04	5.499E-01	6.309E-05	2.945E-01	5.527E-03	1.702E-12	8.662E-18	2.006E-13	6.326E-25
1.840E+04	5.535E-01	5.528E-05	2.905E-01	7.067E-03	1.442E-12	6.377E-18	1.647E-13	4.522E-25
1.860E+04	5.571E-01	4.849E-05	2.863E-01	8.979E-03	1.222E-12	4.707E-18	1.354E-13	3.241E-25
1.880E+04	5.605E-01	4.265E-05	2.816E-01	1.133E-02	1.037E-12	3.480E-18	1.112E-13	2.328E-25
1.900E+04	5.639E-01	3.735E-05	2.765E-01	1.420E-02	8.803E-13	2.575E-18	9.128E-14	1.674E-25
1.920E+04	5.673E-01	3.277E-05	2.709E-01	1.766E-02	7.473E-13	1.905E-18	7.476E-14	1.203E-25
1.940E+04	5.707E-01	2.872E-05	2.644E-01	2.179E-02	6.341E-13	1.408E-18	6.104E-14	8.645E-26
1.960E+04	5.742E-01	2.514E-05	2.572E-01	2.666E-02	5.375E-13	1.038E-18	4.962E-14	6.199E-26
1.980E+04	5.779E-01	2.196E-05	2.491E-01	3.232E-02	4.549E-13	7.620E-19	4.010E-14	4.431E-26
2.000E+04	5.817E-01	1.912E-05	2.400E-01	3.880E-02	3.842E-13	5.568E-19	3.218E-14	3.153E-26
2.020E+04	5.858E-01	1.660E-05	2.300E-01	4.611E-02	3.236E-13	4.043E-19	2.561E-14	2.231E-26
2.040E+04	5.900E-01	1.435E-05	2.191E-01	5.422E-02	2.717E-13	2.914E-19	2.019E-14	1.568E-26
2.060E+04	5.945E-01	1.236E-05	2.073E-01	6.306E-02	2.272E-13	2.082E-19	1.575E-14	1.093E-26
2.080E+04	5.991E-01	1.058E-05	1.947E-01	7.253E-02	1.891E-13	1.473E-19	1.215E-14	7.552E-27
2.100E+04	6.038E-01	9.013E-06	1.816E-01	8.247E-02	1.567E-13	1.031E-19	9.258E-15	5.165E-27
2.120E+04	6.087E-01	7.634E-06	1.681E-01	9.275E-02	1.291E-13	7.142E-20	6.967E-15	3.496E-27
2.140E+04	6.135E-01	6.428E-06	1.545E-01	1.032E-01	1.058E-13	4.891E-20	5.177E-15	2.340E-27
2.160E+04	6.182E-01	5.382E-06	1.410E-01	1.135E-01	8.619E-14	3.312E-20	3.799E-15	1.549E-27
2.180E+04	6.228E-01	4.481E-06	1.277E-01	1.237E-01	6.983E-14	2.219E-20	2.754E-15	1.014E-27
2.200E+04	6.273E-01	3.711E-06	1.150E-01	1.335E-01	5.627E-14	1.471E-20	1.974E-15	6.570E-28
2.220E+04	6.314E-01	3.058E-06	1.029E-01	1.428E-01	4.511E-14	9.654E-21	1.400E-15	4.216E-28
2.240E+04	6.353E-01	2.508E-06	9.154E-02	1.516E-01	3.600E-14	6.283E-21	9.840E-16	2.681E-28
2.260E+04	6.389E-01	2.049E-06	8.106E-02	1.596E-01	2.860E-14	4.058E-21	6.857E-16	1.692E-28
2.280E+04	6.422E-01	1.669E-06	7.149E-02	1.670E-01	2.264E-14	2.605E-21	4.744E-16	1.060E-28
2.300E+04	6.452E-01	1.356E-06	6.281E-02	1.737E-01	1.787E-14	1.663E-21	3.263E-16	6.610E-29
2.320E+04	6.479E-01	1.099E-06	5.503E-02	1.797E-01	1.408E-14	1.057E-21	2.234E-16	4.103E-29
2.340E+04	6.502E-01	8.882E-07	4.810E-02	1.851E-01	1.136E-14	6.706E-22	1.524E-16	2.540E-29
2.360E+04	6.523E-01	7.190E-07	4.197E-02	1.898E-01	8.688E-15	4.245E-22	1.037E-16	1.569E-29
2.380E+04	6.542E-01	5.810E-07	3.657E-02	1.940E-01	6.817E-15	2.685E-22	7.052E-17	9.683E-30
2.400E+04	6.558E-01	4.696E-07	3.183E-02	1.977E-01	5.348E-15	1.699E-22	4.791E-17	5.977E-30
2.420E+04	6.572E-01	3.797E-07	2.770E-02	2.008E-01	4.197E-15	1.076E-22	3.256E-17	3.693E-30
2.440E+04	6.584E-01	3.072E-07	2.410E-02	2.036E-01	3.296E-15	6.828E-23	2.215E-17	2.285E-30
2.460E+04	6.595E-01	2.489E-07	2.097E-02	2.060E-01	2.591E-15	4.342E-23	1.509E-17	1.418E-30
2.480E+04	6.604E-01	2.019E-07	1.826E-02	2.081E-01	2.040E-15	2.763E-23	1.030E-17	8.819E-31
2.500E+04	6.612E-01	1.640E-07	1.591E-02	2.100E-01	1.608E-15	1.769E-23	7.051E-18	5.505E-31

Table II. - Continued.

C	C+	C++	C-	CU	CO+	CO2	C2	T
6.314E-02	1.801E-01	1.438E-09	1.414E-08	7.451E-06	1.257E-06	1.236E-13	8.925E-09	8.400E+03
6.452E-02	1.910E-01	3.190E-09	1.098E-08	3.748E-06	9.560E-07	4.932E-14	4.364E-09	8.600E+03
4.942E-02	1.934E-01	6.748E-09	8.357E-09	1.872E-06	7.130E-07	1.947E-14	2.094E-09	8.800E+03
3.755E-02	2.025E-01	1.364E-08	6.285E-09	4.281E-07	5.212E-07	7.574E-15	1.001E-09	9.000E+03
2.841E-02	2.038E-01	2.047E-08	4.694E-09	4.570E-07	3.733E-07	2.897E-15	4.768E-10	9.200E+03
2.145E-02	2.027E-01	4.954E-08	3.490E-09	2.233E-07	2.019E-07	1.085E-15	2.280E-10	9.400E+03
1.619E-02	2.000E-01	6.991E-08	2.585E-09	1.082E-07	1.803E-07	3.465E-16	1.097E-10	9.600E+03
1.222E-02	1.963E-01	1.591E-07	1.907E-09	5.190E-08	1.219E-07	1.414E-16	5.321E-11	9.800E+03
7.246E-03	1.921E-01	2.754E-07	1.402E-09	2.475E-08	8.112E-08	4.921E-17	2.605E-11	1.000E+04
7.013E-03	1.874E-01	4.707E-07	1.028E-09	1.172E-08	5.334E-08	1.677E-17	1.289E-11	1.020E+04
5.339E-03	1.839E-01	7.920E-07	7.314E-10	5.531E-09	3.477E-08	5.624E-18	6.465E-12	1.040E+04
4.085E-03	1.804E-01	1.319E-06	5.491E-10	2.612E-09	2.256E-08	1.868E-18	3.290E-12	1.060E+04
3.143E-03	1.775E-01	2.173E-06	4.017E-10	1.238E-09	1.462E-08	6.188E-19	1.702E-12	1.080E+04
2.434E-03	1.750E-01	3.542E-06	2.946E-10	5.917E-10	4.492E-09	2.056E-19	8.954E-13	1.100E+04
1.898E-03	1.731E-01	5.714E-06	2.166E-10	2.898E-10	6.190E-09	6.916E-20	4.795E-13	1.120E+04
1.499E-03	1.716E-01	9.116E-06	1.604E-10	1.399E-10	4.063E-09	2.399E-20	2.614E-13	1.140E+04
1.177E-03	1.705E-01	1.438E-05	1.193E-10	6.951E-11	2.688E-09	8.177E-21	1.450E-13	1.160E+04
7.369E-04	1.694E-01	2.243E-05	6.927E-11	3.509E-11	1.794E-09	2.907E-21	4.186E-14	1.180E+04
4.959E-04	1.684E-01	3.454E-05	6.723E-11	1.802E-11	1.209E-09	1.055E-21	4.698E-14	1.200E+04
4.050E-04	1.684E-01	5.271E-05	5.096E-11	9.412E-12	8.220E-10	3.923E-22	2.739E-14	1.220E+04
4.904E-04	1.674E-01	7.941E-05	3.887E-11	5.001E-12	5.652E-10	1.494E-22	1.622E-14	1.240E+04
4.005E-04	1.670E-01	1.183E-04	2.985E-11	2.703E-12	3.921E-10	5.830E-23	9.744E-15	1.260E+04
3.287E-04	1.673E-01	1.743E-04	2.306E-11	1.485E-12	2.746E-10	2.330E-23	5.937E-15	1.280E+04
2.712E-04	1.670E-01	2.540E-04	1.792E-11	8.292E-13	1.942E-10	9.533E-24	3.665E-15	1.300E+04
2.249E-04	1.660E-01	3.063E-04	1.401E-11	4.704E-13	1.385E-10	3.940E-24	2.292E-15	1.320E+04
1.874E-04	1.655E-01	5.229E-04	1.102E-11	2.709E-13	9.963E-11	1.708E-24	1.450E-15	1.340E+04
1.569E-04	1.651E-01	7.390E-04	8.711E-12	1.583E-13	7.227E-11	7.468E-25	9.281E-16	1.360E+04
1.319E-04	1.647E-01	1.034E-03	6.921E-12	9.376E-14	5.282E-11	3.333E-25	6.002E-16	1.380E+04
1.113E-04	1.652E-01	1.433E-03	5.525E-12	5.629E-14	3.889E-11	1.517E-25	3.919E-16	1.400E+04
9.428E-05	1.645E-01	1.967E-03	4.430E-12	3.422E-14	2.883E-11	7.036E-26	2.582E-16	1.420E+04
8.011E-05	1.637E-01	2.674E-03	3.507E-12	2.105E-14	2.150E-11	3.322E-26	1.715E-16	1.440E+04
6.825E-05	1.628E-01	3.600E-03	2.862E-12	1.309E-14	1.612E-11	1.595E-26	1.147E-16	1.460E+04
5.827E-05	1.621E-01	4.795E-03	2.335E-12	8.226E-15	1.215E-11	7.778E-27	7.713E-17	1.480E+04
4.984E-05	1.613E-01	6.333E-03	1.837E-12	5.217E-15	9.193E-12	3.850E-27	5.210E-17	1.500E+04
4.200E-05	1.611E-01	8.209E-03	1.545E-12	3.336E-15	6.978E-12	1.931E-27	3.533E-17	1.520E+04
3.652E-05	1.602E-01	1.068E-02	1.259E-12	2.149E-15	5.309E-12	9.809E-28	2.399E-17	1.540E+04
3.125E-05	1.598E-01	1.363E-02	1.027E-12	1.393E-15	4.044E-12	5.037E-28	1.629E-17	1.560E+04
2.670E-05	1.586E-01	1.719E-02	8.309E-13	9.079E-16	3.081E-12	2.612E-28	1.104E-17	1.580E+04
2.276E-05	1.571E-01	2.140E-02	6.814E-13	5.939E-16	2.346E-12	1.366E-28	7.455E-18	1.600E+04
1.934E-05	1.560E-01	2.625E-02	5.536E-13	3.890E-16	1.782E-12	7.189E-29	5.006E-18	1.620E+04
1.636E-05	1.545E-01	3.184E-02	4.484E-13	2.560E-16	1.350E-12	3.806E-29	3.337E-18	1.640E+04
1.378E-05	1.523E-01	3.800E-02	3.618E-13	1.683E-16	1.019E-12	2.024E-29	2.205E-18	1.660E+04
1.154E-05	1.504E-01	4.470E-02	2.905E-13	1.106E-16	7.657E-13	1.080E-29	1.441E-18	1.680E+04
9.599E-06	1.481E-01	5.181E-02	2.320E-13	7.255E-17	5.724E-13	5.771E-30	9.312E-19	1.700E+04
7.935E-06	1.460E-02	5.918E-02	1.842E-13	4.752E-17	4.255E-13	3.084E-30	5.943E-19	1.720E+04
6.516E-06	1.438E-02	6.664E-02	1.454E-13	3.106E-17	3.145E-13	1.655E-30	3.745E-19	1.740E+04
5.316E-06	1.416E-02	7.403E-02	1.140E-13	2.025E-17	2.312E-13	8.869E-31	2.332E-19	1.760E+04
4.310E-06	1.391E-02	8.113E-02	8.864E-14	1.317E-17	1.691E-13	4.755E-31	1.433E-19	1.780E+04
3.474E-06	1.363E-02	8.757E-02	6.885E-14	8.545E-18	1.230E-13	2.549E-31	8.714E-20	1.800E+04
2.786E-06	1.337E-02	9.427E-02	5.309E-14	5.532E-18	8.910E-14	1.367E-31	5.248E-20	1.820E+04
2.224E-06	1.310E-02	1.000E-01	4.075E-14	3.579E-18	6.429E-14	7.337E-32	3.135E-20	1.840E+04
1.770E-06	1.287E-02	1.052E-01	3.116E-14	2.313E-18	4.624E-14	3.934E-32	1.860E-20	1.860E+04
1.405E-06	1.267E-02	1.057E-01	2.379E-14	1.493E-18	3.315E-14	2.116E-32	1.098E-20	1.880E+04
1.113E-06	1.248E-02	1.136E-01	1.812E-14	9.644E-19	2.371E-14	1.137E-32	6.466E-21	1.900E+04
8.806E-07	1.233E-02	1.109E-01	1.379E-14	6.227E-19	1.692E-14	6.113E-33	3.801E-21	1.920E+04
6.948E-07	1.217E-02	1.196E-01	1.050E-14	4.021E-19	1.205E-14	3.286E-33	2.234E-21	1.940E+04
5.517E-07	1.201E-02	1.218E-01	7.998E-15	2.597E-19	8.560E-15	1.765E-33	1.314E-21	1.960E+04
4.372E-07	1.184E-02	1.235E-01	6.102E-15	1.678E-19	6.068E-15	9.466E-34	7.753E-22	1.980E+04
3.470E-07	1.167E-02	1.247E-01	4.664E-15	1.084E-19	4.292E-15	5.066E-34	4.589E-22	2.000E+04
2.700E-07	1.150E-02	1.254E-01	3.574E-15	7.000E-20	3.027E-15	2.702E-34	2.727E-22	2.020E+04
2.199E-07	1.132E-02	1.258E-01	2.746E-15	4.510E-20	2.129E-15	1.435E-34	1.628E-22	2.040E+04
1.757E-07	1.114E-02	1.259E-01	2.116E-15	2.911E-20	1.492E-15	7.585E-35	9.771E-23	2.060E+04
1.408E-07	1.095E-02	1.257E-01	1.635E-15	1.874E-20	1.042E-15	3.984E-35	5.896E-23	2.080E+04
1.130E-07	1.076E-02	1.252E-01	1.260E-15	1.204E-20	7.252E-16	2.079E-35	3.577E-23	2.100E+04
9.104E-08	1.057E-02	1.248E-01	9.841E-16	7.718E-21	5.027E-16	1.077E-35	2.183E-23	2.120E+04
7.352E-08	1.038E-02	1.238E-01	7.656E-16	4.937E-21	3.471E-16	5.536E-36	1.339E-23	2.140E+04
5.933E-08	1.019E-02	1.227E-01	6.006E-16	3.152E-21	2.388E-16	2.825E-36	6.267E-24	2.160E+04
4.834E-08	1.000E-02	1.220E-01	4.708E-16	2.007E-21	1.638E-16	1.431E-36	5.131E-24	2.180E+04
3.936E-08	9.81E-03	1.210E-01	3.700E-16	1.276E-21	1.120E-16	7.199E-37	3.203E-24	2.200E+04
3.214E-08	9.62E-03	1.200E-01	2.915E-16	8.102E-22	7.634E-17	3.600E-37	2.011E-24	2.220E+04
2.631E-08	9.43E-03	1.191E-01	2.302E-16	5.138E-22	5.195E-17	1.751E-37	1.270E-24	2.240E+04
2.100E-08	9.24E-03	1.182E-01	1.822E-16	3.257E-22	3.531E-17	8.879E-38	8.066E-25	2.260E+04
1.779E-08	9.05E-03	1.174E-01	1.444E-16	2.065E-22	2.398E-17	4.388E-38	5.152E-25	2.280E+04
1.480E-08	8.86E-03	1.167E-01	1.150E-16	1.310E-22	1.628E-17	2.159E-38	3.310E-25	2.300E+04
1.216E-08	8.67E-03	1.160E-01	9.170E-17	8.318E-23	1.106E-17	1.065E-38	2.138E-25	2.320E+04
1.009E-08	8.48E-03	1.154E-01	7.329E-17	5.293E-23	7.523E-18	5.260E-39	1.389E-25	2.340E+04
8.399E-09	8.29E-03	1.148E-01	5.872E-17	3.375E-23	5.124E-18	2.601E-39	9.079E-26	2.360E+04
7.010E-09	8.10E-03	1.143E-01	4.717E-17	2.159E-23	3.497E-18	1.290E-39	5.966E-26	2.380E+04
5.877E-09	7.91E-03	1.139E-01	3.798E-17	1.385E-23	2.393E-18	6.420E-40	3.942E-26	2.400E+04
4.922E-09	7.72E-03	1.135E-01	3.066E-17	8.918E-24	1.642E-18	3.205E-40	2.619E-26	2.420E+04
4.141E-09	7.53E-03	1.132E-01	2.481E-17	5.764E-24	1.130E-18	1.612E-40	1.750E-26	2.440E+04
3.492E-09	7.34E-03	1.129E-01	2.013E-17	3.741E-24	7.800E-19	8.123E-41	1.175E-26	2.460E+04
2.953E-09	7.15E-03	1.127E-01	1.637E-17	2.439E-24	5.405E-19	4.136E-41	1.933E-27	2.480E+04
2.503E-09	6.96E-03	1.125E-01	1.334E-17	1.597E-24	3.759E-19	2.116E-41	5.383E-27	2.500E+04

Table II. - Continued.

P/P0 = 2.00E-03

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	1.738E-66	0.	0.	0.	5.356E-11	1.760E-18	0.
3.000E+02	0.	7.840E-45	7.149E-79	0.	0.	5.434E-11	1.760E-18	0.
4.000E+02	0.	5.487E-34	1.848E-61	0.	0.	5.121E-11	1.760E-18	0.
5.000E+02	0.	1.806E-27	5.459E-51	0.	0.	4.791E-11	1.760E-18	0.
6.000E+02	5.309E-91	4.172E-23	5.241E-44	0.	0.	4.769E-11	1.760E-18	0.
7.000E+02	3.882E-76	7.305E-20	3.925E-39	0.	1.800E-88	8.262E-11	1.760E-18	1.900E-62
8.000E+02	1.225E-63	9.262E-17	3.874E-36	0.	2.432E-74	2.684E-09	1.760E-18	1.785E-69
9.000E+02	1.029E-53	3.002E-14	6.708E-34	0.	4.608E-63	6.205E-08	1.760E-18	5.216E-59
1.000E+03	9.220E-46	3.087E-12	4.154E-32	0.	4.893E-54	7.707E-07	1.760E-18	1.252E-50
1.100E+03	3.040E-39	1.371E-10	1.222E-30	0.	1.191E-46	6.041E-06	1.760E-18	8.939E-44
1.200E+03	8.317E-34	3.242E-09	2.055E-29	0.	1.697E-40	3.352E-05	1.760E-18	4.579E-38
1.300E+03	3.360E-29	4.717E-09	2.249E-28	0.	2.730E-35	1.426E-04	1.760E-18	3.077E-33
1.400E+03	3.017E-25	4.684E-07	1.753E-27	0.	7.903E-31	4.918E-04	1.760E-18	4.238E-29
1.500E+03	8.115E-22	3.425E-06	1.043E-26	0.	5.795E-27	1.434E-03	1.759E-18	1.622E-25
1.600E+03	6.084E-19	1.951E-05	6.700E-26	0.	1.033E-23	3.638E-03	2.363E-18	1.630E-22
1.700E+03	2.448E-17	9.030E-05	2.965E-24	0.	8.817E-22	8.211E-03	2.624E-17	8.357E-21
1.800E+03	3.799E-16	3.506E-04	1.496E-22	0.	2.634E-20	1.672E-02	3.819E-16	1.575E-19
1.900E+03	4.275E-15	1.170E-03	5.136E-21	0.	5.237E-19	3.097E-02	4.279E-15	2.054E-18
2.000E+03	3.727E-14	3.413E-03	1.245E-19	0.	7.470E-18	5.242E-02	3.729E-14	1.974E-17
2.100E+03	2.597E-13	8.813E-03	2.238E-18	7.083E-85	7.919E-17	8.100E-02	2.599E-13	1.433E-16
2.200E+03	1.479E-12	2.032E-02	3.102E-17	1.314E-80	6.395E-16	1.139E-01	1.481E-12	7.977E-16
2.300E+03	7.009E-12	4.207E-02	3.432E-16	1.077E-76	4.003E-15	1.447E-01	7.014E-12	3.429E-15
2.400E+03	2.798E-11	7.849E-02	3.116E-15	4.371E-73	1.966E-14	1.652E-01	2.800E-11	1.142E-14
2.500E+03	9.511E-11	1.323E-01	2.377E-14	9.658E-70	7.649E-14	1.682E-01	9.514E-11	2.951E-14
2.600E+03	2.777E-10	2.017E-01	1.554E-13	1.257E-66	2.373E-13	1.516E-01	2.775E-10	5.903E-14
2.700E+03	7.015E-10	2.789E-01	8.856E-13	1.034E-63	5.911E-13	1.204E-01	7.001E-10	9.157E-14
2.800E+03	1.551E-09	3.513E-01	4.462E-12	5.648E-61	1.198E-12	8.450E-02	1.542E-09	1.115E-13
2.900E+03	3.053E-09	4.084E-01	2.010E-11	2.134E-58	2.035E-12	5.342E-02	3.013E-09	1.104E-13
3.000E+03	5.496E-09	4.468E-01	8.164E-11	5.661E-56	3.025E-12	3.146E-02	5.334E-09	9.426E-14
3.100E+03	9.316E-09	4.700E-01	3.003E-10	1.066E-53	4.134E-12	1.792E-02	8.716E-09	7.413E-14
3.200E+03	1.530E-08	4.831E-01	9.989E-10	1.420E-51	5.426E-12	1.016E-02	1.328E-08	5.680E-14
3.300E+03	2.501E-08	4.903E-01	2.988E-09	1.331E-49	7.086E-12	5.829E-03	1.886E-08	4.425E-14
3.400E+03	4.154E-08	4.943E-01	7.990E-09	8.703E-48	9.456E-12	3.416E-03	2.483E-08	3.610E-14
3.500E+03	7.091E-08	4.966E-01	1.903E-08	4.010E-46	1.306E-11	2.050E-03	3.027E-08	3.124E-14
3.600E+03	1.240E-07	4.979E-01	4.099E-08	1.345E-44	1.862E-11	1.262E-03	3.455E-08	2.860E-14
3.700E+03	2.192E-07	4.987E-01	8.132E-08	3.442E-43	2.709E-11	7.956E-04	3.753E-08	2.733E-14
3.800E+03	3.874E-07	4.992E-01	1.513E-07	7.027E-42	5.967E-11	5.134E-04	3.944E-08	2.687E-14
3.900E+03	6.790E-07	4.995E-01	2.674E-07	1.182E-40	5.809E-11	3.386E-04	4.051E-08	2.694E-14
4.000E+03	1.178E-06	4.997E-01	4.517E-07	1.669E-39	8.481E-11	2.279E-04	4.084E-08	2.745E-14
4.100E+03	2.030E-06	4.998E-01	7.306E-07	1.999E-38	1.237E-10	1.563E-04	4.041E-08	2.845E-14
4.200E+03	3.489E-06	5.000E-01	1.129E-06	2.034E-37	1.813E-10	1.092E-04	3.911E-08	3.010E-14
4.300E+03	6.024E-06	5.002E-01	1.663E-06	1.757E-36	2.695E-10	7.757E-05	3.687E-08	3.267E-14
4.400E+03	1.049E-05	5.006E-01	2.332E-06	1.291E-35	4.035E-10	5.600E-05	3.375E-08	3.652E-14
4.500E+03	1.843E-05	5.013E-01	3.119E-06	8.139E-35	6.152E-10	4.107E-05	3.007E-08	4.199E-14
4.600E+03	3.252E-05	5.025E-01	4.012E-06	4.485E-34	9.481E-10	3.059E-05	2.623E-08	4.947E-14
4.700E+03	5.724E-05	5.046E-01	5.012E-06	2.211E-33	1.466E-09	2.316E-05	2.263E-08	5.928E-14
4.800E+03	9.965E-05	5.080E-01	6.149E-06	9.997E-33	2.260E-09	1.784E-05	1.953E-08	7.173E-14
4.900E+03	1.702E-04	5.135E-01	7.493E-06	4.244E-32	3.444E-09	1.401E-05	1.705E-08	8.710E-14
5.000E+03	2.834E-04	5.217E-01	9.158E-06	1.729E-31	5.162E-09	1.122E-05	1.521E-08	1.055E-13
5.100E+03	4.572E-04	5.330E-01	1.132E-05	6.878E-31	7.567E-09	9.187E-06	1.397E-08	1.269E-13
5.200E+03	7.117E-04	5.474E-01	1.421E-05	2.706E-30	1.080E-08	7.668E-06	1.326E-08	1.506E-13
5.300E+03	1.068E-03	5.640E-01	1.814E-05	1.060E-29	1.495E-08	6.501E-06	1.300E-08	1.753E-13
5.400E+03	1.544E-03	5.816E-01	2.353E-05	4.135E-29	2.002E-08	5.565E-06	1.309E-08	1.992E-13
5.500E+03	2.156E-03	5.986E-01	3.087E-05	1.603E-28	2.594E-08	4.783E-06	1.344E-08	2.201E-13
5.600E+03	2.921E-03	6.136E-01	4.080E-05	6.140E-28	3.255E-08	4.110E-06	1.398E-08	2.362E-13
5.700E+03	3.852E-03	6.281E-01	5.407E-05	2.311E-27	3.969E-08	3.522E-06	1.466E-08	2.468E-13
5.800E+03	4.968E-03	6.386E-01	7.164E-05	8.504E-27	4.721E-08	3.038E-06	1.541E-08	2.518E-13
5.900E+03	6.291E-03	6.425E-01	9.465E-05	3.046E-26	5.504E-08	2.564E-06	1.622E-08	2.521E-13
6.000E+03	7.945E-03	6.471E-01	1.245E-04	1.059E-25	6.311E-08	2.182E-06	1.707E-08	2.488E-13
6.100E+03	9.660E-03	6.500E-01	1.629E-04	3.568E-25	7.142E-08	1.858E-06	1.795E-08	2.430E-13
6.200E+03	1.177E-02	6.515E-01	2.118E-04	1.165E-24	7.996E-08	1.593E-06	1.885E-08	2.354E-13
6.300E+03	1.421E-02	6.518E-01	2.736E-04	3.682E-24	8.874E-08	1.352E-06	1.978E-08	2.268E-13
6.400E+03	1.701E-02	6.513E-01	3.513E-04	1.128E-23	9.774E-08	1.157E-06	2.072E-08	2.175E-13
6.500E+03	2.021E-02	6.501E-01	4.481E-04	3.351E-23	1.069E-07	9.927E-07	2.168E-08	2.079E-13
6.600E+03	2.385E-02	6.483E-01	5.683E-04	9.668E-23	1.163E-07	8.539E-07	2.266E-08	1.981E-13
6.700E+03	2.797E-02	6.459E-01	7.164E-04	2.711E-22	1.258E-07	7.363E-07	2.365E-08	1.883E-13
6.800E+03	3.258E-02	6.431E-01	8.981E-04	7.402E-22	1.353E-07	6.366E-07	2.467E-08	1.786E-13
6.900E+03	3.774E-02	6.397E-01	1.120E-03	1.969E-21	1.447E-07	5.516E-07	2.570E-08	1.689E-13
7.000E+03	4.345E-02	6.368E-01	1.389E-03	5.112E-21	1.540E-07	4.790E-07	2.675E-08	1.594E-13
7.100E+03	4.973E-02	6.314E-01	1.716E-03	1.297E-20	1.631E-07	4.168E-07	2.782E-08	1.500E-13
7.200E+03	5.660E-02	6.265E-01	2.109E-03	3.217E-20	1.719E-07	3.632E-07	2.891E-08	1.408E-13
7.300E+03	6.406E-02	6.212E-01	2.583E-03	7.818E-20	1.801E-07	3.171E-07	3.002E-08	1.317E-13
7.400E+03	7.209E-02	6.153E-01	3.150E-03	1.963E-19	1.879E-07	2.772E-07	3.116E-08	1.228E-13
7.500E+03	8.069E-02	6.089E-01	3.828E-03	4.356E-19	1.949E-07	2.426E-07	3.233E-08	1.142E-13
7.600E+03	8.991E-02	6.021E-01	4.637E-03	1.001E-18	2.011E-07	2.126E-07	3.353E-08	1.058E-13
7.700E+03	9.941E-02	5.947E-01	5.670E-03	2.262E-18	2.065E-07	1.865E-07	3.476E-08	9.767E-14
7.800E+03	1.094E-01	5.869E-01	6.743E-03	5.034E-18	2.109E-07	1.637E-07	3.603E-08	8.982E-14
7.900E+03	1.198E-01	5.786E-01	8.098E-03	1.103E-17	2.143E-07	1.437E-07	3.733E-08	8.229E-14
8.000E+03	1.306E-01	5.699E-01	9.701E-03	2.384E-17	2.166E-07	1.263E-07	3.868E-08	7.509E-14
8.200E+03	1.526E-01	5.511E-01	1.382E-02	1.069E-16	2.179E-07	9.760E-08	4.148E-08	6.179E-14

Table II. - Continued.

P/P0 = 2.00E-03

C	C+	C++	C-	CC	CC+	CC2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.359E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	5.306E-39	3.115E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.165E-26	1.272E-58	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	3.066E-19	3.168E-46	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	2.669E-14	5.523E-38	1.000E+00	0.	6.000E+02
0.	0.	0.	0.	0.820E-11	1.457E-32	1.000E+00	1.374E-89	7.000E+02
0.	0.	0.	0.	5.264E-09	2.594E-30	1.000E+00	2.218E-77	8.000E+02
0.	0.	0.	0.	1.240E-07	6.491E-29	1.000E+00	2.916E-68	9.000E+02
0.	0.	0.	0.	1.541E-06	7.458E-28	1.000E+00	5.668E-61	1.000E+03
0.	0.	0.	0.	1.542E-74	1.203E-05	1.000E+00	5.217E-55	1.100E+03
0.	0.	0.	0.	5.353E-66	6.704E-05	3.585E-26	9.994E-01	1.200E+03
0.	0.	0.	0.	0.774E-59	2.852E-04	1.552E-25	9.946E-01	1.300E+03
0.	0.	0.	0.	1.334E-52	9.840E-04	5.450E-25	9.985E-01	1.400E+03
0.	0.	0.	0.	0.054E-47	2.871E-03	1.620E-24	9.957E-01	1.500E+03
0.	0.	0.	0.	1.103E-42	7.296E-03	5.655E-24	9.990E-01	1.600E+03
0.	0.	0.	0.	1.342E-39	1.651E-02	1.461E-22	9.152E-01	1.700E+03
0.	0.	0.	0.	4.268E-37	3.379E-02	4.515E-21	9.491E-01	1.800E+03
0.	0.	0.	0.	7.074E-35	6.312E-02	9.968E-20	9.047E-01	1.900E+03
0.	0.	0.	0.	0.846E-33	1.069E-01	1.609E-18	8.354E-01	2.000E+03
0.	0.	0.	0.	4.142E-31	1.703E-01	1.977E-17	7.394E-01	2.100E+03
0.	0.	0.	0.	1.652E-29	2.480E-01	1.912E-16	6.178E-01	2.200E+03
0.	0.	0.	0.	4.539E-28	3.315E-01	1.499E-15	4.317E-01	2.300E+03
0.	0.	0.	0.	0.932E-27	9.802E-01	3.474E-15	7.130E-23	2.400E+03
0.	0.	0.	0.	1.307E-25	4.687E-01	5.501E-14	2.308E-01	2.500E+03
0.	0.	0.	0.	1.475E-24	5.049E-01	2.733E-13	1.417E-01	2.600E+03
0.	0.	0.	0.	1.336E-22	5.197E-01	1.240E-12	8.107E-02	2.700E+03
0.	0.	0.	0.	1.007E-22	5.203E-01	5.267E-12	4.390E-02	2.800E+03
0.	0.	0.	0.	0.542E-22	5.152E-01	2.151E-11	2.301E-02	2.900E+03
0.	0.	0.	0.	3.759E-21	5.047E-01	8.341E-11	1.146E-02	3.000E+03
0.	0.	0.	0.	1.922E-20	5.058E-01	3.045E-10	6.285E-03	3.100E+03
0.	0.	0.	0.	5.348E-20	5.034E-01	1.029E-09	3.380E-03	3.200E+03
0.	0.	0.	0.	4.219E-19	5.020E-01	3.163E-09	1.871E-03	3.300E+03
0.	0.	0.	0.	1.633E-18	5.012E-01	8.727E-09	1.067E-03	3.400E+03
0.	0.	0.	0.	7.760E-18	5.007E-01	2.154E-08	6.274E-04	3.500E+03
0.	0.	0.	0.	3.201E-17	5.004E-01	4.803E-08	3.744E-04	3.600E+03
0.	0.	0.	0.	1.274E-16	5.003E-01	9.859E-08	2.357E-04	3.700E+03
0.	0.	0.	0.	4.855E-16	5.002E-01	1.046E-07	1.501E-04	3.800E+03
0.	0.	0.	0.	1.762E-15	5.001E-01	3.459E-07	9.778E-05	3.900E+03
0.	0.	0.	0.	6.097E-15	5.000E-01	6.022E-07	6.510E-05	4.000E+03
0.	0.	0.	0.	2.022E-14	4.999E-01	1.002E-06	4.421E-05	4.100E+03
0.	0.	0.	0.	6.480E-14	4.995E-01	1.592E-06	3.058E-05	4.200E+03
0.	0.	0.	0.	2.022E-13	4.990E-01	2.406E-06	2.151E-05	4.300E+03
0.	0.	0.	0.	6.175E-13	4.979E-01	3.451E-06	1.537E-05	4.400E+03
0.	0.	0.	0.	1.891E-12	4.960E-01	4.708E-06	1.113E-05	4.500E+03
0.	0.	0.	0.	5.416E-12	4.924E-01	6.143E-06	8.156E-06	4.600E+03
0.	0.	0.	0.	1.553E-11	4.861E-01	7.720E-06	6.034E-06	4.700E+03
0.	0.	0.	0.	4.153E-11	4.756E-01	9.411E-06	4.941E-06	4.800E+03
0.	0.	0.	0.	1.063E-10	4.540E-01	1.119E-05	3.348E-06	4.900E+03
0.	0.	0.	0.	2.538E-10	4.342E-01	1.300E-05	2.486E-06	5.000E+03
0.	0.	0.	0.	5.844E-10	4.006E-01	1.478E-05	1.872E-06	5.100E+03
0.	0.	0.	0.	1.122E-09	3.564E-01	1.641E-05	1.317E-06	5.200E+03
0.	0.	0.	0.	2.653E-09	3.057E-01	1.778E-05	9.256E-07	5.300E+03
0.	0.	0.	0.	3.422E-09	2.520E-01	1.878E-05	6.311E-07	5.400E+03
0.	0.	0.	0.	5.248E-09	1.999E-01	1.933E-05	4.164E-07	5.500E+03
0.	0.	0.	0.	7.455E-09	1.531E-01	1.941E-05	2.664E-07	5.600E+03
0.	0.	0.	0.	9.916E-09	1.139E-01	1.909E-05	1.661E-07	5.700E+03
0.	0.	0.	0.	1.269E-08	8.303E-02	1.846E-05	1.015E-07	5.800E+03
0.	0.	0.	0.	5.964E-08	5.964E-02	1.762E-05	6.131E-08	5.900E+03
0.	0.	0.	0.	1.822E-08	4.250E-02	1.665E-05	3.683E-08	6.000E+03
0.	0.	0.	0.	2.106E-08	3.018E-02	1.504E-05	2.211E-08	6.100E+03
0.	0.	0.	0.	2.390E-08	2.143E-02	1.453E-05	1.332E-08	6.200E+03
0.	0.	0.	0.	2.673E-08	1.525E-02	1.364E-05	8.076E-09	6.300E+03
0.	0.	0.	0.	2.954E-08	1.089E-02	1.270E-05	4.931E-09	6.400E+03
0.	0.	0.	0.	3.231E-08	7.817E-03	1.162E-05	3.036E-09	6.500E+03
0.	0.	0.	0.	3.502E-08	5.635E-03	1.099E-05	1.885E-09	6.600E+03
0.	0.	0.	0.	3.764E-08	4.082E-03	1.021E-05	1.100E-09	6.700E+03
0.	0.	0.	0.	4.011E-08	2.970E-03	9.479E-06	7.442E-10	6.800E+03
0.	0.	0.	0.	4.242E-08	2.170E-03	8.797E-06	4.730E-10	6.900E+03
0.	0.	0.	0.	4.449E-08	1.591E-03	8.158E-06	3.027E-10	7.000E+03
0.	0.	0.	0.	4.629E-08	1.170E-03	7.599E-06	1.948E-10	7.100E+03
0.	0.	0.	0.	4.777E-08	8.696E-04	6.996E-06	1.261E-10	7.200E+03
0.	0.	0.	0.	4.887E-08	6.382E-04	6.466E-06	8.199E-11	7.300E+03
0.	0.	0.	0.	4.957E-08	4.725E-04	5.966E-06	5.352E-11	7.400E+03
0.	0.	0.	0.	4.982E-08	3.501E-04	5.495E-06	3.504E-11	7.500E+03
0.	0.	0.	0.	4.961E-08	2.596E-04	5.051E-06	2.300E-11	7.600E+03
0.	0.	0.	0.	4.894E-08	1.925E-04	4.631E-06	1.513E-11	7.700E+03
0.	0.	0.	0.	4.781E-08	1.426E-04	4.236E-06	9.963E-12	7.800E+03
0.	0.	0.	0.	4.624E-08	1.056E-04	3.863E-06	6.565E-12	7.900E+03
0.	0.	0.	0.	4.428E-08	7.805E-05	3.513E-06	4.327E-12	8.000E+03
0.	0.	0.	0.	3.942E-08	4.244E-05	2.876E-06	1.878E-12	8.200E+03

Table II. - Continued.

T	F-	0	0+	0++	0-	02	02+	02-
8.400E+03	1.750E-01	5.305E-01	1.949E-02	4.552E-16	2.151E-07	7.541E-08	4.435E-08	5.004E-14
8.600E+03	1.974E-01	5.079E-01	2.718E-02	1.841E-15	2.084E-07	5.811E-08	4.715E-08	3.987E-14
8.800E+03	2.197E-01	4.828E-01	3.737E-02	7.057E-15	1.984E-07	4.451E-08	4.958E-08	3.122E-14
9.000E+03	2.418E-01	4.580E-01	5.046E-02	2.557E-14	1.859E-07	3.373E-08	5.125E-08	2.400E-14
9.200E+03	2.641E-01	4.289E-01	6.667E-02	8.728E-14	1.714E-07	2.516E-08	5.173E-08	1.805E-14
9.400E+03	2.866E-01	3.896E-01	8.595E-02	2.801E-13	1.553E-07	1.838E-08	5.067E-08	1.325E-14
9.600E+03	3.094E-01	3.525E-01	1.079E-01	8.450E-13	1.382E-07	1.309E-08	4.795E-08	9.441E-15
9.800E+03	3.322E-01	3.134E-01	1.318E-01	2.400E-12	1.206E-07	9.049E-09	4.371E-08	6.513E-15
1.000E+04	3.547E-01	2.736E-01	1.567E-01	6.441E-12	1.029E-07	6.062E-09	3.835E-08	4.337E-15
1.020E+04	3.762E-01	2.343E-01	1.815E-01	1.639E-11	8.582E-08	3.931E-09	3.239E-08	2.782E-15
1.040E+04	3.963E-01	1.971E-01	2.053E-01	3.971E-11	6.997E-08	2.469E-09	2.639E-08	1.720E-15
1.060E+04	4.145E-01	1.631E-01	2.273E-01	9.204E-11	5.581E-08	1.506E-09	2.082E-08	1.027E-15
1.080E+04	4.305E-01	1.329E-01	2.468E-01	2.049E-10	4.363E-08	8.958E-10	1.596E-08	5.940E-16
1.100E+04	4.441E-01	1.070E-01	2.636E-01	4.396E-10	3.354E-08	5.217E-10	1.195E-08	3.947E-16
1.120E+04	4.555E-01	8.529E-02	2.777E-01	9.122E-10	2.544E-08	2.992E-10	8.784E-09	1.851E-16
1.140E+04	4.648E-01	6.754E-02	2.893E-01	1.836E-09	1.836E-08	1.699E-10	6.371E-09	1.009E-16
1.160E+04	4.722E-01	5.327E-02	2.986E-01	3.596E-09	1.424E-08	9.597E-11	4.580E-09	5.455E-17
1.180E+04	4.781E-01	4.193E-02	3.060E-01	6.864E-09	1.058E-08	5.418E-11	3.277E-09	2.940E-17
1.200E+04	4.828E-01	3.300E-02	3.118E-01	1.280E-08	7.845E-09	3.067E-11	2.340E-09	1.587E-17
1.220E+04	4.864E-01	2.601E-02	3.164E-01	2.335E-08	5.824E-09	1.746E-11	1.673E-09	8.602E-18
1.240E+04	4.893E-01	2.055E-02	3.199E-01	4.173E-08	4.334E-09	1.002E-11	1.199E-09	4.682E-18
1.260E+04	4.915E-01	1.624E-02	3.227E-01	7.319E-08	3.236E-09	5.799E-12	8.632E-10	2.587E-18
1.280E+04	4.932E-01	1.286E-02	3.249E-01	1.261E-07	2.426E-09	3.392E-12	6.247E-10	1.437E-18
1.300E+04	4.946E-01	1.036E-02	3.266E-01	2.135E-07	1.828E-09	2.006E-12	4.547E-10	8.098E-19
1.320E+04	4.957E-01	8.319E-03	3.279E-01	3.557E-07	1.384E-09	1.200E-12	3.331E-10	4.613E-19
1.340E+04	4.966E-01	6.711E-03	3.289E-01	5.838E-07	1.054E-09	7.259E-13	2.456E-10	2.657E-19
1.360E+04	4.973E-01	5.439E-03	3.297E-01	9.444E-07	8.067E-10	4.442E-13	1.823E-10	1.549E-19
1.380E+04	4.979E-01	4.429E-03	3.303E-01	1.506E-06	6.210E-10	2.749E-13	1.363E-10	9.139E-20
1.400E+04	4.984E-01	3.623E-03	3.307E-01	2.371E-06	4.807E-10	1.721E-13	1.025E-10	5.456E-20
1.420E+04	4.989E-01	2.978E-03	3.311E-01	3.686E-06	3.742E-10	1.089E-13	7.763E-11	3.294E-20
1.440E+04	4.994E-01	2.458E-03	3.313E-01	5.659E-06	2.928E-10	6.962E-14	5.916E-11	2.012E-20
1.460E+04	4.998E-01	2.038E-03	3.314E-01	8.586E-06	2.304E-10	4.498E-14	4.537E-11	1.243E-20
1.480E+04	5.003E-01	1.697E-03	3.314E-01	1.288E-05	1.822E-10	7.936E-14	3.500E-11	7.756E-21
1.500E+04	5.009E-01	1.419E-03	3.313E-01	1.912E-05	1.448E-10	1.935E-14	2.716E-11	4.893E-21
1.520E+04	5.015E-01	1.192E-03	3.311E-01	2.807E-05	1.157E-10	1.287E-14	2.119E-11	3.118E-21
1.540E+04	5.023E-01	1.004E-03	3.308E-01	4.078E-05	9.290E-11	8.641E-15	1.662E-11	2.007E-21
1.560E+04	5.032E-01	8.495E-04	3.303E-01	5.867E-05	7.495E-11	5.652E-15	1.310E-11	1.304E-21
1.580E+04	5.043E-01	7.212E-04	3.297E-01	8.356E-05	6.075E-11	3.997E-15	1.038E-11	8.558E-22
1.600E+04	5.056E-01	6.145E-04	3.289E-01	1.179E-04	4.947E-11	2.753E-15	8.260E-12	5.667E-22
1.620E+04	5.071E-01	5.253E-04	3.279E-01	1.648E-04	4.047E-11	1.909E-15	6.601E-12	3.785E-22
1.640E+04	5.089E-01	4.505E-04	3.267E-01	2.281E-04	3.326E-11	1.335E-15	5.296E-12	2.551E-22
1.660E+04	5.111E-01	3.876E-04	3.253E-01	3.130E-04	2.745E-11	9.412E-16	4.265E-12	1.733E-22
1.680E+04	5.135E-01	3.344E-04	3.236E-01	4.258E-04	2.774E-11	6.675E-16	3.448E-12	1.187E-22
1.700E+04	5.162E-01	2.894E-04	3.217E-01	5.741E-04	1.892E-11	4.766E-16	2.796E-12	8.191E-23
1.720E+04	5.192E-01	2.511E-04	3.195E-01	7.678E-04	1.581E-11	3.424E-16	2.274E-12	5.694E-23
1.740E+04	5.225E-01	2.184E-04	3.171E-01	1.019E-03	1.325E-11	2.475E-16	1.855E-12	3.985E-23
1.760E+04	5.260E-01	1.904E-04	3.145E-01	1.341E-03	1.114E-11	1.799E-16	1.518E-12	2.808E-23
1.780E+04	5.296E-01	1.664E-04	3.117E-01	1.753E-03	9.398E-12	1.314E-16	1.245E-12	1.990E-23
1.800E+04	5.334E-01	1.467E-04	3.087E-01	2.275E-03	7.950E-12	9.648E-17	1.024E-12	1.418E-23
1.820E+04	5.372E-01	1.279E-04	3.055E-01	2.934E-03	6.741E-12	7.116E-17	8.435E-13	1.015E-23
1.840E+04	5.410E-01	1.124E-04	3.021E-01	3.760E-03	5.728E-12	5.270E-17	6.965E-13	7.306E-24
1.860E+04	5.447E-01	9.892E-05	2.986E-01	4.789E-03	4.877E-12	3.903E-17	5.762E-13	5.277E-24
1.880E+04	5.484E-01	8.719E-05	2.949E-01	6.063E-03	4.159E-12	2.913E-17	4.773E-13	3.826E-24
1.900E+04	5.520E-01	7.694E-05	2.909E-01	7.631E-03	3.551E-12	2.186E-17	3.957E-13	2.781E-24
1.920E+04	5.555E-01	6.784E-05	2.867E-01	9.546E-03	3.035E-12	1.638E-17	3.283E-13	2.027E-24
1.940E+04	5.590E-01	6.003E-05	2.821E-01	1.187E-02	2.596E-12	1.230E-17	2.722E-13	1.480E-24
1.960E+04	5.624E-01	5.304E-05	2.770E-01	1.466E-02	2.221E-12	9.240E-18	2.255E-13	1.081E-24
1.980E+04	5.658E-01	4.685E-05	2.714E-01	1.799E-02	1.901E-12	6.940E-18	1.865E-13	7.902E-25
2.000E+04	5.692E-01	4.186E-05	2.652E-01	2.191E-02	1.626E-12	5.208E-18	1.538E-13	5.771E-25
2.020E+04	5.727E-01	3.646E-05	2.583E-01	2.649E-02	1.390E-12	3.900E-18	1.263E-13	4.208E-25
2.040E+04	5.763E-01	3.208E-05	2.507E-01	3.176E-02	1.186E-12	2.911E-18	1.033E-13	3.061E-25
2.060E+04	5.801E-01	2.817E-05	2.422E-01	3.776E-02	1.011E-12	2.164E-18	8.394E-14	2.218E-25
2.080E+04	5.840E-01	2.467E-05	2.329E-01	4.449E-02	8.594E-13	1.601E-18	6.773E-14	1.600E-25
2.100E+04	5.880E-01	2.152E-05	2.227E-01	5.193E-02	7.287E-13	1.176E-18	5.422E-14	1.147E-25
2.120E+04	5.923E-01	1.871E-05	2.118E-01	6.003E-02	6.158E-13	8.583E-19	4.302E-14	8.175E-26
2.140E+04	5.966E-01	1.620E-05	2.002E-01	6.871E-02	5.185E-13	6.212E-19	3.380E-14	5.780E-26
2.160E+04	6.011E-01	1.396E-05	1.880E-01	7.787E-02	4.348E-13	4.457E-19	2.628E-14	4.053E-26
2.180E+04	6.057E-01	1.197E-05	1.755E-01	8.738E-02	3.629E-13	3.168E-19	2.022E-14	2.816E-26
2.200E+04	6.103E-01	1.022E-05	1.627E-01	9.710E-02	3.015E-13	2.230E-19	1.539E-14	1.939E-26
2.220E+04	6.148E-01	8.676E-06	1.499E-01	1.069E-01	2.493E-13	1.555E-19	1.158E-14	1.322E-26
2.240E+04	6.193E-01	7.331E-06	1.372E-01	1.166E-01	2.051E-13	1.073E-19	8.623E-15	8.929E-27
2.260E+04	6.236E-01	6.184E-06	1.249E-01	1.260E-01	1.679E-13	7.343E-20	6.355E-15	5.975E-27
2.280E+04	6.277E-01	5.160E-06	1.130E-01	1.357E-01	1.369E-13	4.979E-20	4.639E-15	3.962E-27
2.300E+04	6.317E-01	4.301E-06	1.018E-01	1.438E-01	1.110E-13	3.340E-20	3.355E-15	2.606E-27
2.320E+04	6.353E-01	3.572E-06	9.122E-02	1.519E-01	8.975E-14	2.235E-20	2.408E-15	1.701E-27
2.340E+04	6.387E-01	2.957E-06	8.141E-02	1.595E-01	7.228E-14	1.483E-20	1.716E-15	1.103E-27
2.360E+04	6.418E-01	2.440E-06	7.239E-02	1.664E-01	5.803E-14	9.782E-21	1.215E-15	7.114E-28
2.380E+04	6.446E-01	2.010E-06	6.417E-02	1.727E-01	4.647E-14	6.425E-21	8.561E-16	4.566E-28
2.400E+04	6.472E-01	1.652E-06	5.674E-02	1.785E-01	3.714E-14	4.205E-21	6.007E-16	2.920E-28
2.420E+04	6.495E-01	1.366E-06	5.006E-02	1.836E-01	2.963E-14	2.746E-21	4.203E-16	1.862E-28
2.440E+04	6.515E-01	1.112E-06	4.409E-02	1.882E-01	2.362E-14	1.790E-21	2.934E-16	1.186E-28
2.460E+04	6.533E-01	9.119E-07	3.879E-02	1.923E-01	1.882E-14	1.166E-21	2.045E-16	7.517E-29
2.480E+04	6.550E-01	7.476E-07	3.410E-02	1.959E-01	1.498E-14	7.596E-22	1.425E-16	4.785E-29
2.500E+04	6.564E-01	6.181E-07	2.996E-02	1.991E-01	1.194E-14	4.952E-22	9.928E-17	3.048E-29

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO-	C2	T
1.145E-01	1.555E-01	7.403E-10	3.379E-08	2.240E-05	2.322E-05	8.12E-13	3.686E-08	8.400E+03
9.727E-02	1.792E-01	1.681E-04	2.799E-08	1.225E-05	1.647E-06	3.491E-13	1.784E-08	8.630E+03
7.779E-02	1.823E-01	3.619E-04	2.255E-08	6.500E-06	1.445E-06	1.492E-13	1.040E-08	8.800E+03
6.134E-02	1.914E-01	7.457E-04	1.775E-08	3.424E-06	1.112E-06	6.712E-14	5.341E-04	9.000E+03
4.749E-02	1.974E-01	1.474E-06	1.377E-08	1.792E-06	8.411E-07	2.602E-14	2.711E-04	9.200E+03
3.715E-02	2.006E-01	2.002E-08	1.058E-08	9.320E-07	6.247E-07	1.091E-14	1.369E-04	9.400E+03
2.871E-02	2.015E-01	5.144E-08	8.073E-07	4.816E-07	4.557E-07	4.424E-15	4.905E-10	9.600E+03
2.215E-02	2.004E-01	9.157E-08	6.132E-09	2.471E-07	3.266E-07	1.765E-15	3.494E-10	9.800E+03
1.708E-02	1.980E-01	1.588E-07	4.635E-09	1.258E-07	2.302E-07	6.885E-16	3.777E-10	1.000E+04
1.317E-02	1.947E-01	2.094E-07	3.496E-09	6.360E-08	1.598E-07	2.630E-16	9.094E-11	1.020E+04
1.017E-02	1.910E-01	4.440E-07	2.625E-09	3.194E-08	1.095E-07	9.843E-17	4.692E-11	1.040E+04
7.874E-03	1.873E-01	7.376E-07	1.965E-09	1.546E-08	7.427E-08	3.620E-17	2.445E-11	1.060E+04
6.115E-03	1.837E-01	1.157E-06	1.466E-09	7.958E-09	5.000E-08	1.314E-17	1.288E-11	1.080E+04
4.709E-03	1.805E-01	1.923E-06	1.096E-09	3.970E-09	3.352E-08	4.729E-18	6.874E-12	1.100E+04
3.737E-03	1.778E-01	3.058E-06	8.192E-10	1.988E-09	2.244E-08	1.698E-18	3.721E-12	1.120E+04
2.945E-03	1.755E-01	4.819E-06	6.133E-10	1.002E-09	1.504E-08	6.117E-19	2.044E-12	1.140E+04
2.334E-03	1.736E-01	7.522E-06	4.606E-10	5.096E-10	1.012E-08	2.221E-19	1.141E-12	1.160E+04
1.861E-03	1.721E-01	1.163E-05	3.473E-10	2.621E-10	6.845E-09	8.162E-20	6.464E-13	1.180E+04
1.493E-03	1.709E-01	1.788E-05	2.631E-10	1.366E-10	4.660E-09	3.046E-20	3.721E-13	1.200E+04
1.205E-03	1.700E-01	2.696E-05	2.003E-10	7.216E-11	3.196E-09	1.157E-20	2.174E-13	1.220E+04
9.787E-04	1.692E-01	4.044E-05	1.534E-10	3.809E-11	2.210E-09	4.484E-21	1.290E-13	1.240E+04
7.992E-04	1.686E-01	6.003E-05	1.181E-10	2.105E-11	1.540E-09	1.773E-21	7.761E-14	1.260E+04
6.503E-04	1.682E-01	8.820E-05	9.146E-11	1.183E-11	1.083E-09	7.161E-22	4.735E-14	1.280E+04
5.418E-04	1.678E-01	1.263E-04	7.123E-11	6.526E-12	7.682E-10	2.955E-22	2.927E-14	1.300E+04
4.490E-04	1.675E-01	1.648E-04	5.579E-11	3.715E-12	5.494E-10	1.245E-22	1.832E-14	1.320E+04
3.750E-04	1.672E-01	2.636E-04	4.393E-11	2.146E-12	3.962E-10	5.359E-23	1.161E-14	1.340E+04
3.141E-04	1.669E-01	3.724E-04	3.477E-11	1.257E-12	2.880E-10	2.354E-23	7.443E-15	1.360E+04
2.644E-04	1.666E-01	5.212E-04	2.767E-11	7.469E-13	2.110E-10	1.055E-23	4.824E-15	1.380E+04
2.234E-04	1.662E-01	7.230E-04	2.212E-11	4.495E-13	1.557E-10	4.820E-24	3.158E-15	1.400E+04
1.846E-04	1.658E-01	9.935E-04	1.777E-11	2.740E-13	1.157E-10	2.243E-24	2.988E-15	1.420E+04
1.514E-04	1.654E-01	1.354E-03	1.434E-11	1.691E-13	8.657E-11	1.063E-24	1.393E-15	1.440E+04
1.379E-04	1.648E-01	1.829E-03	1.181E-11	1.055E-13	6.516E-11	5.126E-25	9.367E-16	1.460E+04
1.182E-04	1.640E-01	2.450E-03	9.443E-12	6.658E-14	4.933E-11	2.512E-25	6.348E-16	1.480E+04
1.016E-04	1.630E-01	3.252E-03	7.705E-12	4.245E-14	3.754E-11	1.250E-25	4.330E-16	1.500E+04
8.747E-05	1.618E-01	4.279E-03	6.305E-12	2.732E-14	2.870E-11	6.316E-26	2.971E-16	1.520E+04
7.546E-05	1.603E-01	5.579E-03	5.173E-12	1.774E-14	2.203E-11	3.234E-26	2.048E-16	1.540E+04
6.518E-05	1.583E-01	7.207E-03	4.253E-12	1.161E-14	1.697E-11	1.678E-26	1.417E-16	1.560E+04
5.634E-05	1.560E-01	7.220E-03	3.502E-12	7.657E-15	1.310E-11	8.806E-27	9.829E-17	1.580E+04
4.869E-05	1.531E-01	1.168E-02	2.886E-12	5.051E-15	1.013E-11	4.672E-27	6.824E-17	1.600E+04
4.206E-05	1.499E-01	1.463E-02	2.374E-12	3.390E-15	7.846E-12	2.302E-27	4.736E-17	1.620E+04
3.628E-05	1.455E-01	1.814E-02	1.961E-12	2.271E-15	6.075E-12	1.352E-27	3.200E-17	1.640E+04
3.122E-05	1.407E-01	2.222E-02	1.614E-12	1.527E-15	4.699E-12	7.358E-28	2.264E-17	1.660E+04
2.680E-05	1.352E-01	2.690E-02	1.326E-12	1.029E-15	3.629E-12	4.029E-28	1.555E-17	1.680E+04
2.292E-05	1.291E-01	3.215E-02	1.086E-12	6.949E-16	2.795E-12	2.218E-28	1.061E-17	1.700E+04
1.951E-05	1.223E-01	3.794E-02	8.872E-13	4.094E-16	2.146E-12	1.225E-28	7.187E-18	1.720E+04
1.634E-05	1.150E-01	4.420E-02	7.215E-13	3.170E-16	1.641E-12	6.792E-29	4.823E-18	1.740E+04
1.394E-05	1.072E-01	5.061E-02	5.841E-13	2.138E-16	1.249E-12	3.773E-29	3.294E-18	1.760E+04
1.168E-05	9.911E-02	5.767E-02	4.706E-13	1.441E-16	9.467E-13	2.099E-29	2.107E-18	1.780E+04
9.740E-06	9.090E-02	6.463E-02	3.771E-13	9.667E-17	7.138E-13	1.165E-29	1.370E-18	1.800E+04
8.073E-06	8.271E-02	7.156E-02	3.006E-13	6.501E-17	5.357E-13	6.516E-30	8.813E-19	1.820E+04
6.654E-06	7.408E-02	7.832E-02	2.383E-13	4.354E-17	4.001E-13	3.628E-30	5.611E-19	1.840E+04
5.458E-06	6.690E-02	8.479E-02	1.880E-13	2.910E-17	2.974E-13	2.022E-30	3.538E-19	1.860E+04
4.450E-06	5.964E-02	9.088E-02	1.477E-13	1.942E-17	2.202E-13	1.127E-30	2.211E-19	1.880E+04
3.623E-06	5.262E-02	9.650E-02	1.155E-13	1.289E-17	1.625E-13	6.287E-31	1.371E-19	1.900E+04
2.937E-06	4.603E-02	1.016E-01	9.008E-14	8.604E-18	1.195E-13	3.506E-31	8.452E-20	1.920E+04
2.374E-06	4.082E-02	1.062E-01	7.006E-14	5.722E-18	8.756E-14	1.956E-31	5.183E-20	1.940E+04
1.915E-06	3.507E-02	1.102E-01	5.439E-14	3.803E-18	6.401E-14	1.091E-31	3.168E-20	1.960E+04
1.543E-06	3.108E-02	1.137E-01	4.217E-14	2.528E-18	4.669E-14	6.066E-32	1.932E-20	1.980E+04
1.243E-06	2.702E-02	1.166E-01	3.269E-14	1.679E-18	3.397E-14	3.394E-32	1.177E-20	2.000E+04
1.001E-06	2.345E-02	1.190E-01	2.535E-14	1.115E-18	2.466E-14	1.691E-32	7.175E-21	2.020E+04
8.005E-07	2.022E-02	1.209E-01	1.967E-14	7.404E-19	1.786E-14	1.052E-32	4.375E-21	2.040E+04
6.505E-07	1.759E-02	1.224E-01	1.529E-14	4.915E-19	1.291E-14	5.839E-33	2.678E-21	2.060E+04
5.254E-07	1.523E-02	1.235E-01	1.190E-14	3.261E-19	9.304E-15	3.233E-33	1.643E-21	2.080E+04
4.251E-07	1.318E-02	1.241E-01	9.284E-15	2.162E-19	6.688E-15	1.783E-33	1.012E-21	2.100E+04
3.446E-07	1.141E-02	1.245E-01	7.259E-15	1.432E-19	4.793E-15	9.796E-34	6.254E-22	2.120E+04
2.799E-07	9.870E-03	1.246E-01	5.690E-15	9.474E-20	3.425E-15	5.354E-34	3.683E-22	2.140E+04
2.279E-07	8.557E-03	1.244E-01	4.471E-15	6.258E-20	2.439E-15	2.910E-34	2.422E-22	2.160E+04
1.859E-07	7.421E-03	1.240E-01	3.522E-15	4.126E-20	1.731E-15	1.572E-34	1.518E-22	2.180E+04
1.521E-07	6.442E-03	1.235E-01	2.781E-15	2.715E-20	1.224E-15	8.436E-35	9.563E-23	2.200E+04
1.247E-07	5.599E-03	1.228E-01	2.198E-15	1.784E-20	8.630E-16	4.498E-35	6.053E-23	2.220E+04
1.025E-07	4.872E-03	1.220E-01	1.747E-15	1.104E-20	6.065E-16	2.383E-35	3.851E-23	2.240E+04
8.440E-08	4.246E-03	1.212E-01	1.389E-15	7.654E-21	4.251E-16	1.255E-35	2.462E-23	2.260E+04
6.969E-08	3.706E-03	1.204E-01	1.107E-15	5.002E-21	2.972E-16	6.573E-36	1.562E-23	2.280E+04
5.769E-08	3.241E-03	1.195E-01	8.832E-16	3.265E-21	2.073E-16	3.425E-36	1.022E-23	2.300E+04
4.787E-08	2.838E-03	1.187E-01	7.073E-16	2.130E-21	1.444E-16	1.78E-36	6.632E-24	2.320E+04
3.989E-08	2.490E-03	1.179E-01	5.674E-16	1.389E-21	1.005E-16	9.197E-37	4.327E-24	2.340E+04
3.320E-08	2.189E-03	1.172E-01	4.558E-16	9.059E-22	6.989E-17	4.747E-37	2.838E-24	2.360E+04
2.776E-08	1.928E-03	1.165E-01	3.676E-16	5.912E-22	4.860E-17	2.447E-37	1.870E-24	2.380E+04
2.326E-08	1.701E-03	1.159E-01	2.972E-16	3.863E-22	3.382E-17	1.261E-37	1.239E-24	2.400E+04
1.954E-08	1.504E-03	1.153E-01	2.405E-16	2.529E-22	2.355E-17	6.505E-38	8.253E-25	2.420E+04
1.645E-08	1.332E-03	1.148E-01	1.931E-16	1.658E-22	1.642E-17	3.360E-38	5.524E-25	2.440E+04
1.389E-08	1.182E-03	1.144E-01	1.586E-16	1.090E-22	1.147E-17	1.740E-38	3.710E-25	2.460E+04
1.175E-08	1.050E-03	1.140E-01	1.292E-16	7.188E-23	8.032E-18	9.036E-39	2.512E-25	2.480E+04
9.905E-09	9.351E-04	1.136E-01	1.055E-16	4.754E-23	5.637E-18	4.711E-39	1.707E-25	2.500E+04



Table II. - Continued.

P/P0 = 3.00E-03

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.404E-66	0.	0.	0.	5.243E-11	1.750E-18	0.
3.000E+02	0.	6.252E-45	5.975E-79	0.	0.	5.182E-11	1.760E-18	0.
4.000E+02	0.	4.480E-34	1.516E-61	0.	0.	5.073E-11	1.760E-18	0.
5.000E+02	0.	1.443E-27	4.554E-51	0.	0.	4.590E-11	1.760E-18	0.
6.000E+02	3.336E-91	3.307E-23	4.408E-44	0.	0.	4.495E-11	1.760E-18	3.050E-96
7.000E+02	2.460E-76	5.816E-20	3.287E-39	0.	1.362E-88	7.854E-11	1.760E-18	1.717E-82
8.000E+02	7.147E-64	7.074E-17	3.382E-36	0.	1.628E-74	2.348E-09	1.760E-18	1.367E-69
9.000E+02	5.995E-54	2.291E-14	5.860E-34	0.	3.072E-63	5.421E-08	1.760E-18	3.982E-59
1.000E+03	5.392E-46	2.356E-12	3.629E-32	0.	3.262E-54	6.733E-07	1.760E-18	9.542E-51
1.100E+03	1.770E-39	1.046E-10	1.067E-30	0.	7.937E-47	5.278E-06	1.760E-18	6.822E-44
1.200E+03	4.844E-34	2.474E-09	1.795E-29	0.	1.129E-40	2.928E-05	1.760E-18	3.495E-38
1.300E+03	1.957E-29	3.599E-08	1.964E-28	0.	1.820E-35	1.245E-04	1.760E-18	2.358E-33
1.400E+03	1.757E-25	3.575E-07	1.531E-27	0.	5.270E-31	4.297E-04	1.760E-18	3.234E-29
1.500E+03	4.728E-22	2.615E-06	9.109E-27	0.	3.866E-27	1.253E-03	1.759E-18	1.239E-25
1.600E+03	3.906E-19	1.490E-05	5.313E-26	0.	7.595E-24	3.182E-02	2.145E-18	1.373E-22
1.700E+03	1.851E-17	6.900E-05	2.005E-24	0.	7.640E-22	7.191E-02	2.027E-17	8.300E-21
1.800E+03	2.905E-16	2.683E-04	9.980E-23	0.	2.311E-20	1.468E-02	2.9	1.587E-19
1.900E+03	3.278E-15	8.973E-04	3.425E-21	0.	4.621E-19	2.733E-02	3.	2.085E-18
2.000E+03	2.869E-14	2.628E-03	9.304E-20	0.	6.642E-18	4.662E-02	2.	2.027E-17
2.100E+03	2.011E-13	6.827E-03	1.492E-18	4.081E-85	7.127E-17	7.290E-02	2.	1.498E-16
2.200E+03	1.156E-12	1.588E-02	2.065E-17	7.475E-81	5.857E-16	1.043E-01	1.	8.564E-10
2.300E+03	5.544E-12	3.328E-02	2.282E-16	6.050E-77	3.757E-15	1.359E-01	5.5	3.820E-15
2.400E+03	2.249E-11	6.311E-02	2.077E-15	2.417E-73	1.407E-14	1.602E-01	2.25	1.336E-14
2.500E+03	7.809E-11	1.086E-01	1.580E-14	5.230E-70	7.736E-14	1.701E-01	7.815E-11	3.676E-14
2.600E+03	2.340E-10	1.701E-01	1.036E-13	6.640E-67	2.529E-13	1.616E-01	2.340E-10	7.955E-14
2.700E+03	6.099E-10	2.426E-01	5.907E-13	5.289E-64	6.705E-13	1.366E-01	6.092E-10	1.355E-13
2.800E+03	1.395E-09	3.162E-01	2.977E-12	2.791E-61	1.455E-12	1.027E-01	1.389E-09	1.828E-13
2.900E+03	2.834E-09	3.799E-01	1.343E-11	1.023E-58	2.636E-12	6.932E-02	2.808E-09	1.995E-13
3.000E+03	5.226E-09	4.268E-01	5.467E-11	2.659E-56	4.122E-12	4.305E-02	5.117E-09	1.840E-13
3.100E+03	8.973E-09	4.572E-01	2.022E-10	4.965E-54	5.811E-12	2.544E-02	8.565E-09	1.521E-13
3.200E+03	1.474E-08	4.764E-01	6.804E-10	6.697E-52	7.714E-12	1.475E-02	1.335E-08	1.192E-13
3.300E+03	2.377E-08	4.857E-01	2.077E-09	6.486E-50	1.001E-11	8.581E-03	1.948E-08	9.287E-14
3.400E+03	3.849E-08	4.916E-01	5.710E-09	4.481E-48	1.307E-11	5.067E-03	2.650E-08	7.442E-14
3.500E+03	6.363E-08	4.949E-01	1.409E-08	2.206E-46	1.752E-11	3.055E-03	3.251E-08	6.267E-14
3.600E+03	1.079E-07	4.969E-01	3.133E-08	7.878E-45	2.426E-11	1.885E-03	3.954E-08	5.378E-14
3.700E+03	1.862E-07	4.980E-01	6.375E-08	2.119E-43	3.446E-11	1.190E-03	4.408E-08	5.208E-14
3.800E+03	3.232E-07	4.987E-01	1.209E-07	4.482E-42	4.951E-11	7.688E-04	4.719E-08	5.036E-14
3.900E+03	5.591E-07	4.992E-01	2.164E-07	7.740E-41	7.171E-11	5.073E-04	4.914E-08	4.987E-14
4.000E+03	9.590E-07	4.995E-01	3.699E-07	1.120E-39	1.035E-10	3.415E-04	5.014E-08	5.023E-14
4.100E+03	1.630E-06	4.997E-01	6.061E-07	1.377E-38	1.490E-10	2.344E-04	5.028E-08	5.138E-14
4.200E+03	2.766E-06	4.998E-01	9.526E-07	1.448E-37	2.148E-10	1.637E-04	4.948E-08	5.347E-14
4.300E+03	4.659E-06	5.000E-01	1.433E-06	1.305E-36	3.114E-10	1.163E-04	4.763E-08	5.682E-14
4.400E+03	7.914E-06	5.003E-01	2.059E-06	1.007E-35	4.564E-10	8.391E-05	4.463E-08	6.193E-14
4.500E+03	1.355E-05	5.008E-01	2.825E-06	6.680E-35	6.781E-10	6.149E-05	4.010E-08	6.936E-14
4.600E+03	2.338E-05	5.016E-01	3.714E-06	3.850E-34	1.021E-09	4.573E-05	3.633E-08	7.975E-14
4.700E+03	4.043E-05	5.030E-01	4.715E-06	1.964E-33	1.549E-09	3.453E-05	3.184E-08	9.365E-14
4.800E+03	6.962E-05	5.054E-01	5.837E-06	9.355E-33	2.356E-09	2.649E-05	2.767E-08	1.116E-13
4.900E+03	1.185E-04	5.093E-01	7.120E-06	3.865E-32	3.566E-09	2.067E-05	2.410E-08	1.341E-13
5.000E+03	1.977E-04	5.153E-01	8.645E-06	1.560E-31	5.335E-09	1.642E-05	2.127E-08	1.616E-13
5.100E+03	3.216E-04	5.239E-01	1.054E-05	6.071E-31	7.849E-09	1.331E-05	1.918E-08	1.940E-13
5.200E+03	5.075E-04	5.355E-01	1.299E-05	2.314E-30	1.130E-08	1.101E-05	1.780E-08	2.312E-13
5.300E+03	7.743E-04	5.499E-01	1.626E-05	8.729E-30	1.585E-08	9.269E-06	1.704E-08	2.720E-13
5.400E+03	1.141E-03	5.662E-01	2.067E-05	3.277E-29	2.161E-08	7.913E-06	1.679E-08	3.139E-13
5.500E+03	1.623E-03	5.833E-01	2.664E-05	1.225E-28	2.854E-08	6.813E-06	1.695E-08	3.540E-13
5.600E+03	2.238E-03	5.996E-01	3.469E-05	3.437E-28	3.655E-08	5.886E-06	1.743E-08	3.888E-13
5.700E+03	2.997E-03	6.141E-01	4.545E-05	1.665E-27	4.543E-08	5.082E-06	1.812E-08	4.156E-13
5.800E+03	3.915E-03	6.260E-01	5.969E-05	5.994E-27	5.497E-08	4.377E-06	1.897E-08	4.331E-13
5.900E+03	5.009E-03	6.353E-01	7.836E-05	2.111E-26	6.499E-08	3.760E-06	1.992E-08	4.416E-13
6.000E+03	6.297E-03	6.420E-01	1.026E-04	7.247E-26	7.538E-08	3.222E-06	2.093E-08	4.423E-13
6.100E+03	7.802E-03	6.467E-01	1.337E-04	2.419E-25	8.608E-08	2.758E-06	2.200E-08	4.470E-13
6.200E+03	9.551E-03	6.496E-01	1.734E-04	7.636E-25	9.706E-08	2.361E-06	2.310E-08	4.274E-13
6.300E+03	1.157E-02	6.511E-01	2.237E-04	2.633E-24	1.083E-07	2.024E-06	2.422E-08	4.148E-13
6.400E+03	1.390E-02	6.517E-01	2.867E-04	7.509E-24	1.199E-07	1.737E-06	2.538E-08	4.003E-13
6.500E+03	1.656E-02	6.513E-01	3.653E-04	2.222E-23	1.317E-07	1.494E-06	2.655E-08	3.846E-13
6.600E+03	1.959E-02	6.503E-01	4.626E-04	6.387E-23	1.437E-07	1.289E-06	2.775E-08	3.684E-13
6.700E+03	2.303E-02	6.466E-01	5.825E-04	1.785E-22	1.560E-07	1.114E-06	2.897E-08	3.518E-13
6.800E+03	2.689E-02	6.465E-01	7.293E-04	4.856E-22	1.663E-07	9.651E-07	3.021E-08	3.351E-13
6.900E+03	3.122E-02	6.438E-01	9.083E-04	1.287E-21	1.808E-07	8.382E-07	3.147E-08	3.185E-13
7.000E+03	3.604E-02	6.407E-01	1.125E-03	3.328E-21	1.931E-07	7.296E-07	3.275E-08	3.021E-13
7.100E+03	4.137E-02	6.371E-01	1.388E-03	8.404E-21	2.054E-07	6.364E-07	3.405E-08	2.858E-13
7.200E+03	4.722E-02	6.330E-01	1.703E-03	2.075E-20	2.173E-07	5.562E-07	3.537E-08	2.697E-13
7.300E+03	5.362E-02	6.285E-01	2.081E-03	5.017E-20	2.289E-07	4.870E-07	3.672E-08	2.540E-13
7.400E+03	6.057E-02	6.235E-01	2.533E-03	1.189E-19	2.399E-07	4.270E-07	3.809E-08	2.384E-13
7.500E+03	6.805E-02	6.180E-01	3.071E-03	2.763E-19	2.503E-07	3.749E-07	3.949E-08	2.233E-13
7.600E+03	7.606E-02	6.121E-01	3.711E-03	6.305E-19	2.598E-07	3.296E-07	4.091E-08	2.084E-13
7.700E+03	8.458E-02	6.057E-01	4.468E-03	1.415E-18	2.684E-07	2.901E-07	4.237E-08	1.939E-13
7.800E+03	9.358E-02	5.988E-01	5.364E-03	3.122E-18	2.760E-07	2.556E-07	4.386E-08	1.799E-13
7.900E+03	1.030E-01	5.915E-01	6.421E-03	6.786E-18	2.824E-07	2.253E-07	4.539E-08	1.663E-13
8.000E+03	1.128E-01	5.837E-01	7.666E-03	1.454E-17	2.876E-07	1.988E-07	4.696E-08	1.532E-13
8.200E+03	1.334E-01	5.669E-01	1.084E-02	6.399E-17	2.939E-07	1.549E-07	5.021E-08	1.286E-13

Table II. - Continued.

P/P0 = 3.67E-03

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.122E-43	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	4.437E-39	2.726E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	9.550E-27	1.053E-58	1.000E+00	0.	4.000E+02
0.066E-96	0.	0.	0.	2.550E-19	2.750E-46	1.000E+00	0.	5.000E+02
1.432E-76	1.613E-77	0.	0.	2.245E-14	4.429E-38	1.000E+00	0.	6.000E+02
5.652E-63	4.059E-65	0.	0.	5.711E-11	1.636E-32	1.000E+00	1.014E-89	7.000E+02
4.566E-54	2.120E-58	0.	0.	4.597E-09	2.588E-30	1.000E+00	1.932E-77	8.000E+02
2.367E-47	1.325E-53	0.	0.	1.083E-07	6.290E-29	1.000E+00	2.547E-68	9.000E+02
5.53E-42	9.020E-50	0.	6.223E-85	1.346E-06	7.958E-28	1.000E+00	4.951E-61	1.000E+03
1.376E-37	1.242E-46	0.	1.061E-74	1.056E-05	6.348E-27	1.000E+00	4.558E-55	1.100E+03
6.348E-34	5.158E-44	0.	3.568E-66	5.857E-05	5.585E-26	9.999E-01	4.261E-50	1.200E+03
8.014E-31	8.515E-42	0.	5.849E-55	2.491E-04	1.552E-25	9.996E-01	6.852E-46	1.300E+03
3.655E-28	6.807E-40	0.	8.927E-53	8.597E-04	5.450E-25	9.987E-01	2.763E-42	1.400E+03
7.375E-26	3.047E-38	2.574E-95	2.032E-17	2.509E-03	1.620E-24	9.962E-01	3.682E-39	1.500E+03
7.671E-24	1.039E-36	1.644E-91	8.109E-43	6.379E-03	5.134E-24	9.904E-01	1.994E-36	1.600E+03
4.617E-22	1.872E-34	2.387E-86	1.161E-39	1.445E-02	1.128E-22	9.783E-01	5.134E-34	1.700E+03
1.759E-20	3.743E-32	3.629E-81	3.740E-37	2.963E-02	3.453E-21	9.554E-01	7.097E-32	1.800E+03
4.551E-19	4.455E-30	1.720E-76	6.226E-35	5.556E-02	7.628E-20	9.162E-01	5.785E-30	1.900E+03
8.449E-18	3.354E-28	2.865E-72	6.061E-33	9.588E-02	1.234E-18	8.549E-01	2.955E-28	2.000E+03
1.177E-16	1.686E-26	1.91E-68	3.700E-31	1.526E-01	1.520E-17	7.676E-01	1.044E-26	2.100E+03
1.274E-15	6.031E-25	6.227E-65	1.495E-29	2.245E-01	1.476E-16	6.554E-01	2.570E-25	2.200E+03
1.107E-14	1.612E-24	1.039E-61	4.175E-28	3.050E-01	1.162E-15	5.259E-01	1.659E-24	2.300E+03
7.930E-14	3.362E-22	1.002E-58	8.377E-27	3.836E-01	7.625E-15	3.930E-01	6.469E-23	2.400E+03
4.620E-13	5.760E-21	6.095E-56	1.251E-25	4.489E-01	4.278E-14	2.723E-01	7.172E-22	2.500E+03
2.558E-12	8.366E-20	2.537E-53	1.441E-24	4.933E-01	2.112E-13	1.751E-01	6.649E-21	2.600E+03
1.222E-11	1.087E-18	7.782E-51	1.326E-23	5.155E-01	9.440E-13	1.050E-01	5.418E-20	2.700E+03
5.406E-11	1.295E-17	1.873E-48	1.009E-22	5.216E-01	3.929E-12	5.943E-02	4.075E-19	2.800E+03
2.265E-10	1.454E-16	3.676E-46	6.571E-22	5.185E-01	1.554E-11	3.231E-02	2.934E-18	2.900E+03
9.065E-10	1.541E-15	5.949E-44	3.766E-21	5.129E-01	5.883E-11	1.724E-02	2.046E-17	3.000E+03
3.459E-09	1.513E-14	7.733E-42	1.941E-20	5.081E-01	2.117E-10	9.213E-03	1.368E-16	3.100E+03
1.249E-08	1.343E-13	7.831E-40	9.177E-20	5.049E-01	7.143E-10	5.004E-03	8.596E-16	3.200E+03
4.249E-08	1.053E-12	5.989E-33	4.055E-19	5.029E-01	2.223E-09	2.785E-03	5.005E-15	3.300E+03
1.358E-07	7.165E-12	3.375E-36	1.710E-18	5.017E-01	6.286E-09	1.594E-03	2.682E-14	3.400E+03
4.088E-07	4.198E-11	1.386E-34	6.992E-18	5.011E-01	1.601E-08	9.386E-04	1.320E-13	3.500E+03
1.161E-06	2.126E-10	4.193E-33	2.792E-17	5.007E-01	3.681E-08	5.682E-04	5.991E-13	3.600E+03
3.125E-06	9.453E-10	9.674E-32	1.084E-16	5.004E-01	7.742E-08	3.531E-04	2.515E-12	3.700E+03
7.993E-06	3.765E-09	1.774E-30	4.055E-16	5.003E-01	1.515E-07	2.249E-04	9.815E-12	3.800E+03
1.950E-05	1.366E-08	2.678E-29	1.452E-15	5.002E-01	2.800E-07	1.466E-04	3.579E-11	3.900E+03
4.554E-05	4.572E-08	3.412E-28	4.965E-15	5.001E-01	4.934E-07	9.762E-05	1.225E-10	4.000E+03
1.021E-04	1.420E-07	3.721E-27	1.625E-14	4.999E-01	8.322E-07	6.630E-05	3.949E-10	4.100E+03
2.203E-04	4.104E-07	3.493E-26	5.122E-14	4.997E-01	1.344E-06	4.587E-05	1.205E-09	4.200E+03
4.587E-04	1.103E-06	2.822E-25	1.565E-13	4.993E-01	2.075E-06	3.228E-05	3.490E-09	4.300E+03
9.232E-04	2.758E-06	1.961E-24	4.671E-13	4.986E-01	3.053E-06	2.337E-05	9.619E-09	4.400E+03
1.799E-03	6.409E-06	1.175E-23	1.367E-12	4.973E-01	4.279E-06	1.672E-05	2.527E-08	4.500E+03
3.396E-03	1.390E-05	6.123E-23	3.920E-12	4.949E-01	5.725E-06	1.228E-05	6.330E-08	4.600E+03
6.209E-03	2.834E-05	2.817E-22	1.096E-11	4.906E-01	7.353E-06	9.107E-06	1.510E-07	4.700E+03
1.098E-02	5.644E-05	1.165E-21	2.964E-11	4.834E-01	9.127E-06	6.811E-06	3.416E-07	4.800E+03
1.872E-02	1.003E-04	4.406E-21	7.564E-11	4.717E-01	1.101E-05	5.118E-06	7.248E-07	4.900E+03
3.065E-02	1.761E-04	1.547E-20	1.873E-10	4.536E-01	1.298E-05	3.848E-06	1.448E-06	5.000E+03
4.791E-02	2.961E-04	5.094E-20	4.272E-10	4.275E-01	1.497E-05	2.877E-06	2.654E-06	5.100E+03
7.112E-02	4.776E-04	1.588E-19	9.007E-10	3.923E-01	1.689E-05	2.127E-06	4.437E-06	5.200E+03
9.988E-02	7.394E-04	4.718E-19	1.742E-09	3.447E-01	1.864E-05	1.544E-06	6.708E-06	5.300E+03
1.326E-01	1.100E-03	1.341E-18	3.083E-09	2.989E-01	2.009E-05	1.093E-06	5.147E-06	5.400E+03
1.666E-01	1.576E-03	3.644E-18	5.007E-09	2.468E-01	2.113E-05	7.517E-07	1.125E-05	5.500E+03
1.993E-01	2.181E-03	9.643E-18	7.512E-09	1.966E-01	2.170E-05	5.015E-07	1.272E-05	5.600E+03
2.283E-01	2.930E-03	2.452E-17	1.051E-08	1.517E-01	2.178E-05	3.252E-07	1.325E-05	5.700E+03
2.522E-01	3.834E-03	6.037E-17	1.387E-08	1.146E-01	2.144E-05	2.059E-07	1.295E-05	5.800E+03
2.708E-01	4.910E-03	1.441E-16	1.746E-08	8.395E-02	2.076E-05	1.280E-07	1.204E-05	5.900E+03
2.843E-01	6.174E-03	3.344E-16	2.117E-08	6.103E-02	1.986E-05	7.870E-08	1.079E-05	6.000E+03
2.937E-01	7.650E-03	7.547E-16	2.494E-08	4.402E-02	1.883E-05	4.814E-08	9.409E-06	6.100E+03
2.997E-01	9.360E-03	1.660E-15	2.872E-08	3.164E-02	1.774E-05	2.943E-08	8.059E-06	6.200E+03
3.030E-01	1.133E-02	3.561E-15	3.250E-08	2.276E-02	1.665E-05	1.804E-08	6.819E-06	6.300E+03
3.042E-01	1.360E-02	7.464E-15	3.626E-08	1.637E-02	1.558E-05	1.112E-08	5.722E-06	6.400E+03
3.037E-01	1.618E-02	1.530E-14	3.999E-08	1.183E-02	1.455E-05	6.903E-09	4.777E-06	6.500E+03
3.019E-01	1.912E-02	3.067E-14	4.367E-08	8.581E-03	1.358E-05	4.314E-09	3.973E-06	6.600E+03
2.990E-01	2.243E-02	6.031E-14	4.727E-08	6.253E-03	1.266E-05	2.722E-09	3.296E-06	6.700E+03
2.952E-01	2.615E-02	1.162E-13	5.075E-08	4.577E-03	1.180E-05	1.730E-09	2.729E-06	6.800E+03
2.904E-01	3.030E-02	2.149E-13	5.407E-08	3.365E-03	1.099E-05	1.107E-09	2.255E-06	6.900E+03
2.848E-01	3.490E-02	4.085E-13	5.717E-08	2.84E-03	1.024E-05	7.141E-10	1.460E-06	7.000E+03
2.783E-01	3.997E-02	7.461E-13	5.999E-08	1.40E-03	9.525E-06	4.636E-10	1.530E-06	7.100E+03
2.712E-01	4.551E-02	1.340E-12	6.249E-08	1.368E-03	8.856E-06	3.028E-10	1.256E-06	7.200E+03
2.632E-01	5.153E-02	2.370E-12	6.459E-08	1.020E-03	8.227E-06	1.588E-10	1.027E-06	7.300E+03
2.546E-01	5.803E-02	4.126E-12	6.625E-08	7.617E-04	7.673E-06	1.311E-10	8.370E-07	7.400E+03
2.453E-01	6.497E-02	7.078E-12	6.741E-08	5.770E-04	7.073E-06	8.687E-11	6.793E-07	7.500E+03
2.353E-01	7.235E-02	1.197E-11	6.803E-08	4.273E-04	6.543E-06	5.774E-11	5.486E-07	7.600E+03
2.248E-01	8.011E-02	1.997E-11	6.808E-08	3.205E-04	6.042E-06	3.849E-11	4.406E-07	7.700E+03
2.138E-01	8.841E-02	3.248E-11	6.754E-08	2.404E-04	5.568E-06	2.571E-11	3.518E-07	7.800E+03
2.023E-01	9.658E-02	5.344E-11	6.642E-08	1.804E-04	5.119E-06	1.720E-11	2.790E-07	7.900E+03
1.905E-01	1.051E-01	6.576E-11	6.473E-08	1.352E-04	4.696E-06	1.152E-11	2.197E-07	8.000E+03
1.663E-01	1.225E-01	2.130E-10	5.983E-08	7.581E-05	3.918E-06	5.176E-12	1.333E-07	8.200E+03

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02--
8.400E+03	1.547E-01	5.483E-01	1.519E-02	2.675E-16	2.948E-07	1.202E-07	5.359E-08	1.064E-13
8.600E+03	1.765E-01	5.279E-01	2.107E-02	1.064E-15	2.905E-07	9.419E-08	5.699E-08	8.665E-14
8.800E+03	1.983E-01	5.066E-01	2.890E-02	4.331E-15	2.813E-07	7.320E-08	6.023E-08	6.952E-14
9.000E+03	2.200E-01	4.809E-01	3.909E-02	1.452E-14	2.682E-07	5.653E-08	6.295E-08	5.488E-14
9.200E+03	2.416E-01	4.586E-01	5.198E-02	4.958E-14	2.517E-07	4.321E-08	6.472E-08	4.255E-14
9.400E+03	2.634E-01	4.233E-01	6.775E-02	1.602E-13	2.326E-07	3.255E-08	6.509E-08	3.233E-14
9.600E+03	2.853E-01	3.901E-01	8.632E-02	4.887E-13	2.116E-07	2.404E-08	6.368E-08	2.399E-14
9.800E+03	3.075E-01	3.544E-01	1.073E-01	1.408E-12	1.892E-07	1.735E-08	6.038E-08	1.734E-14
1.000E+04	3.296E-01	3.168E-01	1.301E-01	3.838E-12	1.661E-07	1.219E-08	5.533E-08	1.216E-14
1.020E+04	3.514E-01	2.785E-01	1.539E-01	9.920E-12	1.429E-07	8.325E-09	4.896E-08	8.254E-15
1.040E+04	3.724E-01	2.406E-01	1.778E-01	2.440E-11	1.204E-07	5.518E-09	4.185E-08	5.416E-15
1.060E+04	3.921E-01	2.044E-01	2.008E-01	5.733E-11	9.927E-08	3.552E-09	3.460E-08	3.434E-15
1.080E+04	4.100E-01	1.710E-01	2.223E-01	1.292E-10	8.023E-08	2.225E-09	2.775E-08	2.108E-15
1.100E+04	4.260E-01	1.411E-01	2.416E-01	2.801E-10	6.364E-08	1.361E-09	2.167E-08	1.257E-15
1.120E+04	4.398E-01	1.150E-01	2.585E-01	5.863E-10	4.966E-08	8.157E-10	1.653E-08	7.307E-16
1.140E+04	4.514E-01	9.283E-02	2.729E-01	1.189E-09	3.823E-08	4.814E-10	1.239E-08	4.165E-16
1.160E+04	4.611E-01	7.443E-02	2.849E-01	2.342E-09	2.913E-08	2.811E-10	9.159E-09	2.339E-16
1.180E+04	4.689E-01	5.939E-02	2.947E-01	4.493E-09	2.404E-08	1.631E-10	6.705E-09	1.302E-16
1.200E+04	4.753E-01	4.728E-02	3.026E-01	8.410E-09	1.640E-08	9.443E-11	4.880E-09	7.215E-17
1.220E+04	4.803E-01	3.760E-02	3.089E-01	1.539E-08	1.247E-08	5.475E-11	3.542E-09	3.996E-17
1.240E+04	4.843E-01	2.993E-02	3.139E-01	2.757E-08	9.33E-09	3.188E-11	2.570E-09	2.219E-17
1.260E+04	4.875E-01	2.387E-02	3.178E-01	4.844E-08	7.053E-09	1.867E-11	1.868E-09	1.240E-17
1.280E+04	4.900E-01	1.908E-02	3.209E-01	8.356E-08	5.321E-09	1.103E-11	1.362E-09	6.950E-18
1.300E+04	4.920E-01	1.531E-02	3.234E-01	1.417E-07	4.029E-09	6.569E-12	9.978E-10	3.958E-18
1.320E+04	4.936E-01	1.233E-02	3.253E-01	2.363E-07	3.053E-09	3.952E-12	7.345E-10	2.269E-18
1.340E+04	4.948E-01	9.967E-03	3.268E-01	3.882E-07	2.339E-09	2.402E-12	5.437E-10	1.313E-18
1.360E+04	4.958E-01	8.093E-03	3.280E-01	6.282E-07	1.795E-09	1.475E-12	4.049E-10	7.694E-19
1.380E+04	4.967E-01	6.600E-03	3.289E-01	1.003E-06	1.385E-09	9.158E-13	3.033E-10	4.555E-19
1.400E+04	4.974E-01	5.406E-03	3.294E-01	1.579E-06	1.074E-09	5.745E-13	2.287E-10	2.726E-19
1.420E+04	4.980E-01	4.447E-03	3.302E-01	2.456E-06	8.366E-10	3.642E-13	1.735E-10	1.650E-19
1.440E+04	4.985E-01	3.674E-03	3.307E-01	3.772E-06	6.553E-10	2.332E-13	1.324E-10	1.009E-19
1.460E+04	4.990E-01	3.048E-03	3.310E-01	5.726E-06	5.159E-10	1.509E-13	1.016E-10	6.242E-20
1.480E+04	4.995E-01	2.540E-03	3.311E-01	8.596E-06	4.082E-10	9.858E-14	7.849E-11	3.900E-20
1.500E+04	5.000E-01	2.124E-03	3.312E-01	1.276E-05	3.246E-10	6.503E-14	6.096E-11	2.462E-20
1.520E+04	5.005E-01	1.784E-03	3.312E-01	1.875E-05	2.594E-10	4.325E-14	4.761E-11	1.570E-20
1.540E+04	5.011E-01	1.504E-03	3.311E-01	2.728E-05	2.082E-10	2.908E-14	3.738E-11	1.011E-20
1.560E+04	5.018E-01	1.273E-03	3.308E-01	3.977E-05	1.680E-10	1.971E-14	2.949E-11	6.570E-21
1.580E+04	5.026E-01	1.081E-03	3.305E-01	5.633E-05	1.361E-10	1.347E-14	2.339E-11	4.310E-21
1.600E+04	5.036E-01	9.211E-04	3.300E-01	7.945E-05	1.108E-10	9.277E-15	1.863E-11	2.853E-21
1.620E+04	5.047E-01	7.876E-04	3.293E-01	1.108E-04	9.058E-11	6.442E-15	1.491E-11	1.905E-21
1.640E+04	5.061E-01	6.756E-04	3.285E-01	1.538E-04	7.438E-11	4.507E-15	1.198E-11	1.283E-21
1.660E+04	5.077E-01	5.814E-04	3.274E-01	2.115E-04	6.134E-11	3.173E-15	9.662E-12	8.714E-22
1.680E+04	5.095E-01	5.018E-04	3.262E-01	2.884E-04	5.079E-11	2.254E-15	7.822E-12	5.965E-22
1.700E+04	5.116E-01	4.344E-04	3.248E-01	3.999E-04	4.223E-11	1.611E-15	6.355E-12	4.115E-22
1.720E+04	5.141E-01	3.771E-04	3.231E-01	5.228E-04	3.525E-11	1.158E-15	5.179E-12	2.860E-22
1.740E+04	5.167E-01	3.291E-04	3.211E-01	6.954E-04	2.953E-11	8.379E-16	4.234E-12	2.002E-22
1.760E+04	5.197E-01	2.863E-04	3.190E-01	9.179E-04	2.483E-11	6.097E-16	3.472E-12	1.411E-22
1.780E+04	5.229E-01	2.504E-04	3.166E-01	1.203E-03	2.094E-11	4.462E-16	2.854E-12	1.000E-22
1.800E+04	5.263E-01	2.194E-04	3.140E-01	1.564E-03	1.772E-11	3.281E-16	2.352E-12	7.137E-23
1.820E+04	5.298E-01	1.927E-04	3.112E-01	2.021E-03	1.503E-11	2.425E-16	1.943E-12	5.120E-23
1.840E+04	5.335E-01	1.696E-04	3.083E-01	2.594E-03	1.279E-11	1.801E-16	1.609E-12	3.692E-23
1.860E+04	5.372E-01	1.495E-04	3.051E-01	3.308E-03	1.090E-11	1.342E-16	1.334E-12	2.674E-23
1.880E+04	5.409E-01	1.320E-04	3.018E-01	4.194E-03	9.312E-12	1.004E-16	1.109E-12	1.945E-23
1.900E+04	5.445E-01	1.167E-04	2.982E-01	5.287E-03	7.969E-12	7.543E-17	9.230E-13	1.420E-23
1.920E+04	5.481E-01	1.033E-04	2.945E-01	6.626E-03	6.830E-12	5.681E-17	7.691E-13	1.040E-23
1.940E+04	5.517E-01	9.183E-05	2.905E-01	8.257E-03	5.860E-12	4.270E-17	6.413E-13	7.639E-24
1.960E+04	5.552E-01	8.116E-05	2.862E-01	1.023E-02	5.033E-12	3.244E-17	5.348E-13	5.622E-24
1.980E+04	5.586E-01	7.199E-05	2.816E-01	1.260E-02	4.325E-12	2.457E-17	4.459E-13	4.143E-24
2.000E+04	5.620E-01	6.385E-05	2.765E-01	1.542E-02	3.718E-12	1.862E-17	3.713E-13	3.056E-24
2.020E+04	5.654E-01	5.662E-05	2.709E-01	1.876E-02	3.196E-12	1.411E-17	3.087E-13	2.255E-24
2.040E+04	5.688E-01	5.017E-05	2.647E-01	2.265E-02	2.746E-12	1.068E-17	2.559E-13	1.662E-24
2.060E+04	5.723E-01	4.440E-05	2.579E-01	2.717E-02	2.358E-12	8.036E-18	2.113E-13	1.223E-24
2.080E+04	5.759E-01	3.923E-05	2.504E-01	3.233E-02	2.022E-12	6.074E-18	1.737E-13	8.91E-25
2.100E+04	5.796E-01	3.459E-05	2.420E-01	3.817E-02	1.731E-12	4.557E-18	1.421E-13	6.572E-25
2.120E+04	5.835E-01	3.042E-05	2.330E-01	4.468E-02	1.479E-12	3.402E-18	1.154E-13	4.788E-25
2.140E+04	5.875E-01	2.667E-05	2.231E-01	5.186E-02	1.261E-12	2.526E-18	9.304E-14	3.471E-25
2.160E+04	5.916E-01	2.330E-05	2.126E-01	5.965E-02	1.071E-12	1.863E-18	7.441E-14	2.500E-25
2.180E+04	5.959E-01	2.028E-05	2.014E-01	6.798E-02	9.072E-13	1.364E-18	5.898E-14	1.787E-25
2.200E+04	6.002E-01	1.768E-05	1.897E-01	7.676E-02	7.653E-13	9.902E-19	4.631E-14	1.270E-25
2.220E+04	6.047E-01	1.517E-05	1.777E-01	8.587E-02	6.430E-13	7.130E-19	3.600E-14	8.945E-26
2.240E+04	6.091E-01	1.303E-05	1.654E-01	9.520E-02	5.379E-13	5.089E-19	2.771E-14	6.246E-26
2.260E+04	6.135E-01	1.114E-05	1.530E-01	1.046E-01	4.480E-13	3.600E-19	2.111E-14	4.323E-26
2.280E+04	6.179E-01	9.487E-06	1.408E-01	1.140E-01	3.715E-13	2.524E-19	1.593E-14	2.966E-26
2.300E+04	6.221E-01	8.040E-06	1.288E-01	1.231E-01	3.067E-13	1.755E-19	1.190E-14	2.018E-26
2.320E+04	6.262E-01	6.785E-06	1.172E-01	1.320E-01	2.520E-13	1.210E-19	8.814E-15	1.361E-26
2.340E+04	6.300E-01	5.704E-06	1.061E-01	1.405E-01	2.063E-13	8.247E-20	6.472E-15	9.112E-27
2.360E+04	6.337E-01	4.795E-06	9.569E-02	1.495E-01	1.682E-13	5.623E-20	4.716E-15	6.056E-27
2.380E+04	6.371E-01	3.989E-06	8.593E-02	1.560E-01	1.367E-13	3.797E-20	3.413E-15	4.000E-27
2.400E+04	6.402E-01	3.321E-06	7.688E-02	1.630E-01	1.108E-13	2.550E-20	2.455E-15	2.627E-27
2.420E+04	6.431E-01	2.789E-06	6.858E-02	1.694E-01	8.955E-14	1.705E-20	1.757E-15	1.718E-27
2.440E+04	6.457E-01	2.288E-06	6.101E-02	1.7E-01	7.222E-14	1.136E-20	1.252E-15	1.119E-27
2.460E+04	6.480E-01	1.894E-06	5.416E-02	1.7E-01	5.815E-14	7.548E-21	8.898E-16	7.265E-28
2.480E+04	6.501E-01	1.567E-06	4.800E-02	1.652E-01	4.677E-14	5.006E-21	6.306E-16	4.709E-28
2.500E+04	6.520E-01	1.295E-06	4.248E-02	1.695E-01	3.758E-14	3.317E-21	4.462E-16	3.048E-28

Table II. - Continued.

C	C+	C++	C-	CU	CO+	CO2	C2	T
1.422E-01	1.395E-01	5.049E-10	5.334E-08	4.225E-05	3.231E-04	2.324E-12	7.831E-08	8.400E+03
1.191E-01	1.554E-01	1.144E-09	4.595E-08	2.338E-05	2.629E-04	1.040E-12	4.459E-08	8.680E+03
9.785E-02	1.694E-01	2.483E-09	3.838E-08	1.284E-05	2.109E-04	4.629E-13	2.467E-08	8.800E+03
7.911E-02	1.809E-01	5.166E-09	3.124E-08	7.002E-06	1.667E-04	2.047E-13	1.332E-08	9.000E+03
6.314E-02	1.896E-01	1.032E-08	2.492E-08	3.792E-06	1.297E-04	8.972E-14	7.066E-09	9.200E+03
4.992E-02	1.954E-01	1.982E-08	1.960E-08	2.041E-06	9.925E-07	3.893E-14	3.707E-09	9.400E+03
3.922E-02	1.990E-01	3.673E-08	1.524E-08	1.092E-06	7.471E-07	1.647E-14	1.933E-09	9.600E+03
3.070E-02	2.001E-01	4.586E-08	1.180E-08	5.809E-07	5.530E-07	7.036E-15	1.007E-09	9.800E+03
2.398E-02	1.995E-01	1.147E-07	9.080E-09	3.069E-07	4.028E-07	2.917E-15	5.255E-10	1.000E+04
1.871E-02	1.975E-01	1.950E-07	6.958E-09	1.611E-07	2.888E-07	1.187E-15	2.753E-10	1.020E+04
1.440E-02	1.944E-01	3.245E-07	5.311E-09	8.394E-08	2.042E-07	4.734E-16	1.451E-10	1.040E+04
1.141E-02	1.912E-01	5.309E-07	4.039E-09	4.349E-08	1.426E-07	1.855E-16	7.696E-11	1.060E+04
8.927E-03	1.877E-01	8.563E-07	3.043E-09	2.243E-08	9.863E-08	7.147E-17	4.110E-11	1.080E+04
7.004E-03	1.843E-01	1.365E-06	2.317E-09	1.154E-08	6.771E-08	2.718E-17	2.225E-11	1.100E+04
5.518E-03	1.812E-01	2.153E-06	1.752E-09	5.934E-09	4.626E-08	1.025E-17	1.217E-11	1.120E+04
4.365E-03	1.785E-01	3.365E-06	1.324E-09	3.061E-09	3.155E-08	3.853E-18	6.735E-12	1.140E+04
3.470E-03	1.762E-01	5.212E-06	1.003E-09	1.587E-09	2.153E-08	1.450E-18	3.780E-12	1.160E+04
2.773E-03	1.742E-01	8.003E-06	7.610E-10	8.297E-10	1.473E-08	5.490E-19	2.151E-12	1.180E+04
2.220E-03	1.727E-01	1.218E-05	5.796E-10	4.379E-10	1.012E-08	2.099E-19	1.242E-12	1.200E+04
1.801E-03	1.714E-01	1.836E-05	4.433E-10	2.338E-10	6.991E-09	8.133E-20	7.278E-13	1.220E+04
1.443E-03	1.704E-01	2.742E-05	3.405E-10	1.264E-10	4.861E-09	3.200E-20	4.325E-13	1.240E+04
1.196E-03	1.694E-01	4.058E-05	2.629E-10	6.923E-11	3.405E-09	1.281E-20	2.606E-13	1.260E+04
9.625E-04	1.690E-01	5.947E-05	2.040E-10	3.846E-11	2.403E-09	5.224E-21	1.592E-13	1.280E+04
8.115E-04	1.684E-01	8.632E-05	1.592E-10	2.166E-11	1.709E-09	2.173E-21	9.849E-14	1.300E+04
6.737E-04	1.680E-01	1.241E-04	1.248E-10	1.237E-11	1.225E-09	9.217E-22	6.172E-14	1.320E+04
5.621E-04	1.677E-01	1.769E-04	9.842E-11	7.167E-12	8.853E-10	3.987E-22	3.914E-14	1.340E+04
4.711E-04	1.673E-01	2.497E-04	7.799E-11	4.209E-12	6.446E-10	1.759E-22	2.511E-14	1.360E+04
3.967E-04	1.670E-01	3.493E-04	6.211E-11	2.505E-12	4.729E-10	7.908E-23	1.629E-14	1.380E+04
3.354E-04	1.667E-01	4.844E-04	4.971E-11	1.510E-12	3.495E-10	3.623E-23	1.068E-14	1.400E+04
2.849E-04	1.664E-01	6.661E-04	3.996E-11	9.219E-13	2.601E-10	1.691E-23	7.064E-15	1.420E+04
2.427E-04	1.660E-01	9.081E-04	3.227E-11	5.697E-13	1.948E-10	8.033E-24	4.721E-15	1.440E+04
2.076E-04	1.656E-01	1.228E-03	2.617E-11	3.562E-13	1.469E-10	3.881E-24	3.182E-15	1.460E+04
1.781E-04	1.650E-01	1.644E-03	2.131E-11	2.252E-13	1.114E-10	1.907E-24	2.162E-15	1.480E+04
1.533E-04	1.643E-01	2.189E-03	1.741E-11	1.438E-13	8.498E-11	9.514E-25	1.480E-15	1.500E+04
1.323E-04	1.635E-01	2.888E-03	1.428E-11	9.281E-14	6.514E-11	4.619E-25	1.020E-15	1.520E+04
1.145E-04	1.624E-01	3.778E-03	1.174E-11	6.045E-14	5.017E-11	2.476E-25	7.067E-16	1.540E+04
9.919E-05	1.611E-01	4.901E-03	9.681E-12	3.971E-14	3.879E-11	1.289E-25	4.922E-16	1.560E+04
8.688E-05	1.594E-01	6.303E-03	8.000E-12	2.630E-14	3.010E-11	6.799E-26	3.437E-16	1.580E+04
7.479E-05	1.574E-01	8.035E-03	6.623E-12	1.755E-14	2.342E-11	3.627E-26	2.414E-16	1.600E+04
6.500E-05	1.549E-01	1.015E-02	5.490E-12	1.178E-14	1.827E-11	1.956E-26	1.697E-16	1.620E+04
5.648E-05	1.519E-01	1.269E-02	4.553E-12	7.955E-15	1.426E-11	1.065E-26	1.193E-16	1.640E+04
4.905E-05	1.483E-01	1.572E-02	3.777E-12	5.397E-15	1.115E-11	5.850E-27	8.380E-17	1.660E+04
4.252E-05	1.442E-01	1.927E-02	3.132E-12	3.677E-15	8.707E-12	3.239E-27	5.874E-17	1.680E+04
3.679E-05	1.394E-01	2.335E-02	2.593E-12	2.512E-15	6.796E-12	1.805E-27	4.104E-17	1.700E+04
3.174E-05	1.340E-01	2.799E-02	2.143E-12	1.720E-15	5.295E-12	1.011E-27	2.853E-17	1.720E+04
2.729E-05	1.279E-01	3.315E-02	1.767E-12	1.179E-15	4.115E-12	5.694E-28	1.971E-17	1.740E+04
2.320E-05	1.213E-01	3.879E-02	1.452E-12	8.087E-16	3.188E-12	3.218E-28	1.352E-17	1.760E+04
1.993E-05	1.142E-01	4.485E-02	1.189E-12	5.546E-16	2.461E-12	1.823E-28	9.195E-18	1.780E+04
1.691E-05	1.067E-01	5.124E-02	9.691E-13	3.800E-16	1.892E-12	1.035E-28	6.191E-18	1.800E+04
1.428E-05	9.888E-02	5.783E-02	7.865E-13	2.600E-16	1.448E-12	5.887E-29	4.135E-18	1.820E+04
1.199E-05	9.099E-02	6.451E-02	6.353E-13	1.776E-16	1.103E-12	3.351E-29	2.733E-18	1.840E+04
1.002E-05	8.311E-02	7.116E-02	5.106E-13	1.211E-16	8.370E-13	1.908E-29	1.789E-18	1.860E+04
8.332E-06	7.539E-02	7.765E-02	4.085E-13	8.245E-17	6.321E-13	1.087E-29	1.159E-18	1.880E+04
6.895E-06	6.793E-02	8.389E-02	3.253E-13	5.602E-17	4.754E-13	6.193E-30	7.449E-19	1.900E+04
5.882E-06	6.084E-02	8.977E-02	2.580E-13	3.800E-17	3.562E-13	3.529E-30	4.747E-19	1.920E+04
4.844E-06	5.420E-02	9.523E-02	2.039E-13	2.574E-17	2.659E-13	2.011E-30	3.004E-19	1.940E+04
3.819E-06	4.804E-02	1.002E-01	1.406E-13	1.739E-17	1.979E-13	1.146E-30	1.890E-19	1.960E+04
3.116E-06	4.241E-02	1.047E-01	1.262E-13	1.176E-17	1.468E-13	6.532E-31	1.183E-19	1.980E+04
2.541E-06	3.731E-02	1.087E-01	9.901E-14	7.952E-18	1.086E-13	3.722E-31	7.384E-20	2.000E+04
2.049E-06	3.272E-02	1.121E-01	7.758E-14	5.364E-18	8.018E-14	2.120E-31	4.597E-20	2.020E+04
1.683E-06	2.863E-02	1.151E-01	6.077E-14	3.620E-18	5.904E-14	1.207E-31	2.859E-20	2.040E+04
1.349E-06	2.501E-02	1.175E-01	4.760E-14	2.445E-18	3.388E-14	6.866E-32	1.778E-20	2.060E+04
1.113E-06	2.181E-02	1.195E-01	3.731E-14	1.649E-18	3.180E-14	3.900E-32	1.107E-20	2.080E+04
9.067E-07	1.901E-02	1.211E-01	2.928E-14	1.109E-18	2.325E-14	2.210E-32	6.903E-21	2.100E+04
7.391E-07	1.655E-02	1.223E-01	2.301E-14	7.490E-19	1.696E-14	1.249E-32	4.316E-21	2.120E+04
6.033E-07	1.441E-02	1.231E-01	1.811E-14	5.043E-19	1.234E-14	7.037E-33	2.706E-21	2.140E+04
4.933E-07	1.259E-02	1.236E-01	1.429E-14	3.392E-19	8.954E-15	3.949E-33	1.703E-21	2.160E+04
4.041E-07	1.093E-02	1.238E-01	1.130E-14	2.279E-19	6.477E-15	2.205E-33	1.076E-21	2.180E+04
3.317E-07	9.524E-03	1.237E-01	8.950E-15	1.529E-19	4.671E-15	1.225E-33	6.825E-22	2.200E+04
2.728E-07	8.309E-03	1.235E-01	7.104E-15	1.024E-19	3.358E-15	6.771E-34	4.348E-22	2.220E+04
2.249E-07	7.248E-03	1.230E-01	5.634E-15	6.844E-20	2.406E-15	3.720E-34	2.782E-22	2.240E+04
1.875E-07	6.332E-03	1.225E-01	4.513E-15	4.568E-20	1.719E-15	2.031E-34	1.789E-22	2.260E+04
1.538E-07	5.538E-03	1.219E-01	3.606E-15	3.043E-20	1.225E-15	1.103E-34	1.155E-22	2.280E+04
1.276E-07	4.850E-03	1.211E-01	2.890E-15	2.024E-20	8.701E-16	5.954E-35	7.493E-23	2.300E+04
1.061E-07	4.254E-03	1.204E-01	2.320E-15	1.345E-20	6.167E-16	3.198E-35	4.884E-23	2.320E+04
8.839E-08	3.736E-03	1.196E-01	1.866E-15	8.922E-21	4.363E-16	1.709E-35	3.198E-23	2.340E+04
7.383E-08	3.287E-03	1.188E-01	1.504E-15	5.915E-21	3.081E-16	9.102E-36	2.104E-23	2.360E+04
6.181E-08	2.896E-03	1.181E-01	1.215E-15	3.920E-21	2.174E-16	4.831E-36	1.391E-23	2.380E+04
5.186E-08	2.556E-03	1.174E-01	9.833E-16	2.598E-21	1.533E-16	2.558E-36	9.242E-24	2.400E+04
4.361E-08	2.260E-03	1.167E-01	7.960E-16	1.723E-21	1.080E-16	1.352E-36	6.168E-24	2.420E+04
3.676E-08	2.002E-03	1.161E-01	6.470E-16	1.143E-21	7.616E-17	7.147E-37	4.137E-24	2.440E+04
3.106E-08	1.774E-03	1.156E-01	5.267E-16	7.597E-22	5.374E-17	3.778E-37	2.788E-24	2.460E+04
2.630E-08	1.578E-03	1.150E-01	4.297E-16	5.058E-22	3.796E-17	1.999E-37	1.887E-24	2.480E+04
2.232E-08	1.405E-03	1.144E-01	3.513E-16	3.374E-22	2.685E-17	1.060E-37	1.284E-24	2.500E+04

Table II. - Continued.

P/P0 = 4.00E-03

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	3.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.161E-66	0.	0.	0.	4.781E-11	1.760E-18	0.
3.000E+02	0.	5.447E-45	5.146E-79	0.	0.	5.245E-11	1.760E-18	0.
4.000E+02	0.	3.847E-34	1.318E-61	0.	0.	5.034E-11	1.760E-18	0.
5.000E+02	0.	1.288E-27	3.829E-51	0.	0.	4.873E-11	1.760E-18	0.
6.000E+02	2.839E-91	3.051E-23	3.584E-44	0.	0.	5.100E-11	1.760E-18	0.
7.000E+02	1.720E-76	1.852E-20	2.948E-39	0.	1.062E-88	7.320E-11	1.760E-18	1.492E-82
8.000E+02	4.875E-64	5.842E-17	3.071E-36	0.	1.223E-74	2.136E-09	1.760E-18	1.130E-69
9.000E+02	4.086E-54	1.891E-14	5.324E-34	0.	2.304E-63	4.926E-08	1.760E-18	3.293E-59
1.000E+03	3.674E-46	1.945E-12	3.297E-32	0.	2.451E-54	6.117E-07	1.760E-18	7.875E-51
1.100E+03	1.206E-39	8.637E-11	9.698E-31	0.	5.953E-47	4.795E-06	1.760E-18	5.631E-44
1.200E+03	3.299E-34	2.042E-09	1.631E-29	0.	8.485E-41	2.561E-05	1.760E-18	2.885E-39
1.300E+03	1.331E-28	2.971E-08	1.784E-28	0.	1.365E-35	1.132E-04	1.760E-18	1.947E-33
1.400E+03	1.197E-25	2.951E-07	1.391E-27	0.	3.953E-31	3.904E-04	1.760E-18	2.670E-29
1.500E+03	3.223E-22	2.159E-06	8.275E-27	0.	2.901E-27	1.139E-03	1.759E-18	1.023E-25
1.600E+03	2.807E-19	1.230E-05	4.579E-26	0.	6.009E-24	2.893E-03	2.036E-18	1.196E-22
1.700E+03	1.515E-17	5.701E-05	1.513E-24	0.	6.886E-22	6.545E-03	1.690E-17	8.241E-21
1.800E+03	2.400E-16	2.218E-04	7.490E-23	0.	2.099E-20	1.338E-02	2.419E-16	1.594E-19
1.900E+03	2.714E-15	7.430E-04	2.569E-21	0.	4.224E-19	2.499E-02	2.718E-15	2.104E-18
2.000E+03	2.381E-14	2.181E-03	6.228E-20	0.	6.103E-18	4.283E-02	2.384E-14	2.061E-17
2.100E+03	1.676E-13	5.689E-03	1.119E-18	2.755E-85	6.598E-17	6.750E-02	1.678E-13	1.541E-16
2.200E+03	9.685E-13	1.331E-02	1.551E-17	5.019E-81	5.483E-16	9.744E-02	9.698E-13	8.957E-16
2.300E+03	4.681E-12	2.816E-02	1.716E-16	4.031E-77	3.572E-15	1.292E-01	4.688E-12	4.089E-15
2.400E+03	1.919E-11	5.386E-02	1.558E-15	1.593E-73	1.851E-14	1.556E-01	1.922E-11	1.476E-14
2.500E+03	6.752E-11	9.395E-02	1.185E-14	3.403E-70	7.13E-14	1.697E-01	6.759E-11	4.226E-14
2.600E+03	2.057E-10	1.496E-01	7.774E-14	4.249E-67	2.607E-13	1.666E-01	2.058E-10	9.617E-14
2.700E+03	5.472E-10	2.177E-01	4.431E-13	3.317E-64	7.198E-13	1.467E-01	5.469E-10	1.741E-13
2.800E+03	1.280E-09	2.904E-01	2.234E-12	1.712E-61	1.636E-12	1.155E-01	1.277E-09	2.516E-13
2.900E+03	2.662E-09	3.571E-01	1.008E-11	6.135E-59	3.104E-12	8.170E-02	2.643E-09	2.945E-13
3.000E+03	5.004E-09	4.096E-01	4.109E-11	1.564E-56	5.051E-12	5.287E-02	4.922E-09	2.885E-13
3.100E+03	8.701E-09	4.467E-01	1.524E-10	2.894E-54	7.323E-12	3.222E-02	8.391E-09	2.490E-13
3.200E+03	1.435E-08	4.681E-01	5.160E-10	3.912E-52	9.862E-12	1.907E-02	1.329E-08	2.001E-13
3.300E+03	2.303E-08	4.813E-01	1.592E-09	3.849E-50	1.281E-11	1.123E-02	1.973E-08	1.571E-13
3.400E+03	3.680E-08	4.889E-01	4.455E-09	2.743E-48	1.657E-11	6.682E-03	2.742E-08	1.251E-13
3.500E+03	5.961E-08	4.933E-01	1.124E-08	1.409E-46	2.181E-11	4.047E-03	3.554E-08	1.037E-13
3.600E+03	9.883E-08	4.969E-01	2.560E-08	5.269E-45	2.957E-11	2.503E-03	4.298E-08	9.047E-14
3.700E+03	1.673E-07	4.974E-01	5.115E-08	1.474E-43	4.123E-11	1.583E-03	4.893E-08	8.297E-14
3.800E+03	2.862E-07	4.983E-01	1.072E-07	3.214E-42	5.852E-11	1.023E-03	5.321E-08	7.913E-14
3.900E+03	4.897E-07	4.989E-01	1.852E-07	5.672E-41	8.370E-11	6.756E-04	5.604E-08	7.756E-14
4.000E+03	8.328E-07	4.993E-01	3.194E-07	8.349E-40	1.198E-10	4.550E-04	5.770E-08	7.749E-14
4.100E+03	1.404E-06	4.995E-01	5.278E-07	1.044E-38	1.711E-10	3.123E-04	5.837E-08	7.861E-14
4.200E+03	2.350E-06	4.997E-01	9.380E-07	1.121E-37	2.441E-10	2.182E-04	5.802E-08	8.099E-14
4.300E+03	3.921E-06	4.999E-01	1.277E-06	1.036E-36	3.494E-10	1.550E-04	5.657E-08	8.497E-14
4.400E+03	6.557E-06	5.002E-01	1.863E-06	8.249E-36	5.040E-10	1.118E-04	5.390E-08	9.115E-14
4.500E+03	1.103E-05	5.005E-01	2.601E-06	5.666E-35	7.357E-10	8.190E-05	5.006E-08	1.003E-13
4.600E+03	1.871E-05	5.012E-01	3.478E-06	3.379E-34	1.088E-09	6.087E-05	4.535E-08	1.133E-13
4.700E+03	3.188E-05	5.023E-01	4.478E-06	1.774E-33	1.626E-09	4.590E-05	4.026E-08	1.309E-13
4.800E+03	5.431E-05	5.041E-01	5.598E-06	8.349E-33	2.444E-09	3.513E-05	3.528E-08	1.540E-13
4.900E+03	9.183E-05	5.071E-01	6.859E-06	3.602E-32	3.669E-09	2.731E-05	3.082E-08	1.932E-13
5.000E+03	1.530E-04	5.118E-01	8.320E-06	1.455E-31	5.469E-09	2.160E-05	2.710E-08	2.173E-13
5.100E+03	2.497E-04	5.188E-01	1.008E-05	5.610E-31	8.045E-09	1.740E-05	2.423E-08	2.626E-13
5.200E+03	3.967E-04	5.285E-01	1.230E-05	1.202E-30	1.162E-08	1.429E-05	2.217E-08	3.129E-13
5.300E+03	6.113E-04	5.410E-01	1.520E-05	7.749E-30	1.642E-08	1.196E-05	2.088E-08	3.695E-13
5.400E+03	9.114E-04	5.559E-01	1.905E-05	2.834E-29	2.260E-08	1.017E-05	2.025E-08	4.299E-13
5.500E+03	1.314E-03	5.723E-01	2.422E-05	1.032E-28	3.023E-08	8.746E-06	2.016E-08	4.904E-13
5.600E+03	1.834E-03	5.888E-01	3.116E-05	3.734E-28	3.924E-08	7.569E-06	2.050E-08	5.465E-13
5.700E+03	2.486E-03	6.043E-01	4.043E-05	1.339E-27	4.945E-08	6.562E-06	2.116E-08	5.935E-13
5.800E+03	3.282E-03	6.177E-01	5.271E-05	4.736E-27	6.062E-08	5.683E-06	2.204E-08	6.284E-13
5.900E+03	4.234E-03	6.287E-01	6.879E-05	1.644E-26	7.250E-08	4.909E-06	2.307E-08	6.499E-13
6.000E+03	5.360E-03	6.370E-01	8.968E-05	5.582E-26	8.490E-08	4.229E-06	2.421E-08	6.590E-13
6.100E+03	6.678E-03	6.431E-01	1.165E-04	1.847E-25	9.770E-08	3.638E-06	2.542E-08	6.577E-13
6.200E+03	8.210E-03	6.472E-01	1.508E-04	5.945E-25	1.108E-07	3.126E-06	2.668E-08	6.484E-13
6.300E+03	9.981E-03	6.498E-01	1.941E-04	1.859E-24	1.243E-07	2.687E-06	2.798E-08	6.333E-13
6.400E+03	1.202E-02	6.512E-01	2.485E-04	5.646E-24	1.381E-07	2.313E-06	2.931E-08	6.143E-13
6.500E+03	1.435E-02	6.515E-01	3.163E-04	1.665E-23	1.522E-07	1.994E-06	3.066E-08	5.929E-13
6.600E+03	1.701E-02	6.511E-01	4.002E-04	4.773E-23	1.666E-07	1.722E-06	3.205E-08	5.699E-13
6.700E+03	2.002E-02	6.500E-01	5.034E-04	1.331E-22	1.812E-07	1.491E-06	3.345E-08	5.461E-13
6.800E+03	2.342E-02	6.484E-01	6.298E-04	3.610E-22	1.961E-07	1.294E-06	3.488E-08	5.220E-13
6.900E+03	2.724E-02	6.462E-01	7.837E-04	9.546E-22	2.110E-07	1.126E-06	3.634E-08	4.977E-13
7.000E+03	3.149E-02	6.436E-01	9.702E-04	2.462E-21	2.260E-07	9.816E-07	3.781E-08	4.735E-13
7.100E+03	3.621E-02	6.405E-01	1.195E-03	6.201E-21	2.410E-07	8.577E-07	3.931E-08	4.495E-13
7.200E+03	4.142E-02	6.370E-01	1.465E-03	1.527E-20	2.557E-07	7.509E-07	4.083E-08	4.258E-13
7.300E+03	4.713E-02	6.330E-01	1.789E-03	3.680E-20	2.701E-07	6.586E-07	4.238E-08	4.025E-13
7.400E+03	5.335E-02	6.286E-01	2.174E-03	8.687E-20	2.840E-07	5.786E-07	4.395E-08	3.795E-13
7.500E+03	6.009E-02	6.237E-01	2.633E-03	2.011E-19	2.973E-07	5.091E-07	4.555E-08	3.569E-13
7.600E+03	6.734E-02	6.184E-01	3.176E-03	4.572E-19	3.098E-07	4.486E-07	4.717E-08	3.348E-13
7.700E+03	7.509E-02	6.126E-01	3.818E-03	1.021E-18	3.214E-07	3.957E-07	4.883E-08	3.131E-13
7.800E+03	8.333E-02	6.064E-01	4.575E-03	2.243E-18	3.318E-07	3.494E-07	5.052E-08	2.920E-13
7.900E+03	9.202E-02	5.998E-01	5.466E-03	4.850E-18	3.411E-07	3.088E-07	5.224E-08	2.715E-13
8.000E+03	1.011E-01	5.927E-01	6.512E-03	1.033E-17	3.490E-07	2.732E-07	5.400E-08	2.516E-13
8.200E+03	1.204E-01	5.772E-01	9.169E-03	4.494E-17	3.603E-07	2.141E-07	5.764E-08	2.140E-13

Table II. - Continued.

P/PD = 4.00E-03

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.017E-63	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.816E-39	2.323E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	8.310E-27	9.227E-59	1.000E+00	0.	4.000E+02
4.245E-96	0.	0.	0.	2.150E-19	2.182E-46	1.000E+00	0.	5.000E+02
4.467E-77	4.394E-76	0.	0.	1.825E-14	3.531E-38	1.000E+00	0.	6.000E+02
4.548E-63	3.504E-65	0.	0.	5.123E-11	1.574E-32	1.000E+00	8.752E-90	7.000E+02
3.765E-54	1.922E-58	0.	0.	4.173E-09	2.584E-30	1.000E+00	1.751E-77	8.000E+02
1.954E-47	1.230E-55	0.	0.	9.842E-08	6.290E-29	1.000E+00	2.314E-68	9.000E+02
4.576E-42	3.202E-50	0.	0.	4.667E-85	1.223E-06	7.958E-28	4.458E-61	1.000E+03
1.136E-37	1.129E-46	0.	0.	7.960E-75	9.590E-06	6.348E-27	4.138E-55	1.100E+03
3.240E-34	4.080E-44	0.	0.	2.676E-66	5.321E-05	3.585E-26	9.999E-01	1.200E+03
6.616E-31	7.730E-42	0.	0.	4.387E-59	2.263E-04	1.552E-25	5.557E-01	1.300E+03
3.017E-28	6.184E-40	0.	0.	6.696E-53	7.812E-04	5.450E-25	9.988E-01	1.400E+03
6.049E-26	2.768E-35	2.573E-55	1.528E-47	2.280E-03	1.620E-24	9.966E-01	3.346E-39	1.500E+03
6.333E-24	4.945E-37	1.477E-51	6.414E-43	5.799E-03	4.871E-24	9.913E-01	1.812E-36	1.600E+03
3.813E-22	1.417E-34	1.656E-60	1.047E-39	1.315E-02	9.401E-23	9.803E-01	4.666E-34	1.700E+03
1.453E-20	2.807E-32	2.470E-81	3.404E-37	2.659E-02	2.855E-21	9.594E-01	6.458E-32	1.800E+03
3.765E-19	3.351E-30	1.167E-76	5.683E-35	5.072E-02	6.308E-20	9.235E-01	5.274E-30	1.900E+03
6.990E-18	2.509E-28	1.938E-72	5.554E-35	8.765E-02	1.021E-18	8.671E-01	2.737E-28	2.000E+03
9.760E-17	1.260E-26	1.313E-68	3.410E-31	1.407E-01	1.258E-17	7.861E-01	9.576E-27	2.100E+03
1.060E-15	4.490E-25	4.145E-65	1.385E-29	2.086E-01	1.228E-16	6.805E-01	2.370E-25	2.200E+03
9.232E-15	1.195E-23	6.835E-62	3.921E-28	2.865E-01	4.698E-16	5.562E-01	4.323E-24	2.300E+03
6.632E-14	2.470E-22	6.475E-59	7.970E-27	3.650E-01	6.378E-15	4.255E-01	6.033E-23	2.400E+03
4.034E-13	4.186E-21	3.838E-56	1.207E-25	4.333E-01	3.582E-14	3.031E-01	6.700E-22	2.500E+03
2.136E-12	5.980E-20	1.541E-53	1.410E-24	4.829E-01	1.763E-13	2.009E-01	6.178E-21	2.600E+03
1.012E-11	7.522E-19	4.503E-51	1.313E-23	5.111E-01	7.820E-13	1.245E-01	4.954E-20	2.700E+03
4.413E-11	8.657E-18	1.021E-48	1.008E-22	5.214E-01	3.209E-12	7.274E-02	3.620E-19	2.800E+03
1.814E-10	9.302E-17	1.878E-46	6.590E-22	5.205E-01	1.246E-11	4.066E-02	2.509E-18	2.900E+03
7.118E-10	9.479E-16	2.886E-44	3.775E-21	5.154E-01	4.630E-11	2.217E-02	1.682E-17	3.000E+03
2.672E-09	9.041E-15	3.574E-42	1.939E-20	5.101E-01	1.644E-10	1.202E-02	1.086E-16	3.100E+03
9.551E-09	7.898E-14	3.548E-40	9.100E-20	5.062E-01	5.516E-10	6.588E-03	6.685E-16	3.200E+03
3.221E-08	6.176E-13	2.720E-38	3.973E-19	5.038E-01	1.723E-09	3.686E-03	3.837E-15	3.300E+03
1.025E-07	4.243E-12	1.568E-36	1.645E-18	5.023E-01	4.937E-09	2.116E-03	2.038E-14	3.400E+03
3.078E-07	2.531E-11	6.688E-35	6.576E-18	5.014E-01	1.283E-08	1.248E-03	9.982E-14	3.500E+03
6.732E-07	1.309E-10	2.113E-33	2.564E-17	5.009E-01	3.015E-08	7.564E-04	4.515E-13	3.600E+03
2.376E-06	5.927E-10	5.063E-32	9.755E-17	5.006E-01	6.464E-08	4.704E-04	1.892E-12	3.700E+03
6.001E-06	2.399E-09	9.556E-31	3.594E-16	5.004E-01	1.284E-07	2.997E-04	7.377E-12	3.800E+03
1.464E-05	8.788E-09	1.474E-29	1.272E-15	5.002E-01	2.398E-07	1.954E-04	2.688E-11	3.900E+03
3.418E-05	2.963E-08	1.910E-28	4.313E-15	5.001E-01	4.262E-07	1.301E-04	9.194E-11	4.000E+03
7.661E-05	9.201E-08	2.119E-27	1.400E-14	5.000E-01	7.250E-07	8.839E-05	2.965E-10	4.100E+03
1.653E-04	2.709E-07	2.029E-26	4.368E-14	4.998E-01	1.183E-06	6.116E-05	9.060E-10	4.200E+03
3.442E-04	7.388E-07	1.682E-25	1.318E-13	4.995E-01	1.850E-06	4.304E-05	2.621E-09	4.300E+03
6.931E-04	1.374E-06	1.207E-24	3.874E-13	4.990E-01	2.766E-06	3.077E-05	7.229E-09	4.400E+03
1.352E-03	4.437E-06	7.493E-24	1.115E-12	4.980E-01	3.947E-06	2.232E-05	1.902E-08	4.500E+03
2.556E-03	9.803E-07	4.048E-23	3.148E-12	4.962E-01	5.380E-06	1.640E-05	4.781E-08	4.600E+03
4.606E-03	2.034E-05	1.923E-22	8.695E-12	4.929E-01	7.027E-06	1.218E-05	1.147E-07	4.700E+03
8.325E-03	3.943E-05	1.166E-22	2.338E-11	4.874E-01	8.849E-06	9.133E-06	2.618E-07	4.800E+03
1.430E-02	7.413E-05	3.151E-21	6.052E-11	4.784E-01	1.081E-05	6.891E-06	5.665E-07	4.900E+03
2.368E-02	1.318E-04	1.122E-20	1.493E-10	4.642E-01	1.287E-05	5.214E-06	1.152E-06	5.000E+03
3.761E-02	2.246E-04	3.733E-20	3.472E-10	4.431E-01	1.499E-05	3.937E-06	2.81E-06	5.100E+03
5.700E-02	3.673E-04	1.172E-19	7.523E-10	4.137E-01	1.709E-05	2.951E-06	3.800E-06	5.200E+03
8.205E-02	5.770E-04	3.497E-19	1.506E-09	3.757E-01	1.908E-05	2.182E-06	6.036E-06	5.300E+03
1.119E-01	8.715E-04	9.975E-19	2.773E-09	3.303E-01	2.084E-05	1.581E-06	8.693E-06	5.400E+03
1.477E-01	1.208E-03	2.731E-18	4.692E-09	2.804E-01	2.224E-05	1.117E-06	1.135E-05	5.500E+03
1.770E-01	1.780E-03	7.200E-18	7.325E-09	2.297E-01	2.319E-05	7.672E-07	1.350E-05	5.600E+03
2.087E-01	2.422E-03	1.633E-17	1.063E-08	1.820E-01	2.363E-05	5.120E-07	1.478E-05	5.700E+03
2.356E-01	3.205E-03	4.516E-17	1.449E-08	1.401E-01	2.358E-05	3.329E-07	1.507E-05	5.800E+03
2.675E-01	4.143E-03	1.079E-16	1.872E-08	1.054E-01	2.311E-05	2.120E-07	1.452E-05	5.900E+03
2.743E-01	5.248E-03	2.504E-16	2.319E-08	7.789E-02	2.233E-05	1.329E-07	1.339E-05	6.000E+03
2.866E-01	6.540E-03	5.654E-16	2.777E-08	5.695E-02	2.135E-05	8.28E-08	1.194E-05	6.100E+03
2.999E-01	8.039E-03	1.244E-15	3.239E-08	4.137E-02	2.024E-05	5.112E-08	1.041E-05	6.200E+03
3.002E-01	9.768E-03	2.669E-15	3.703E-08	2.998E-02	1.909E-05	3.164E-08	8.928E-06	6.300E+03
3.031E-01	1.175E-02	5.595E-15	4.105E-08	2.173E-02	1.793E-05	1.967E-08	7.574E-06	6.400E+03
3.040E-01	1.402E-02	1.147E-14	4.625E-08	1.579E-02	1.681E-05	1.229E-08	6.380E-06	6.500E+03
3.034E-01	1.659E-02	2.301E-14	5.079E-08	1.151E-02	1.573E-05	7.731E-09	5.348E-06	6.600E+03
3.015E-01	1.951E-02	4.523E-14	5.527E-08	8.423E-03	1.471E-05	4.900E-09	4.468E-06	6.700E+03
2.986E-01	2.278E-02	8.718E-14	5.963E-08	6.191E-03	1.375E-05	3.125E-09	3.724E-06	6.800E+03
2.948E-01	2.649E-02	1.649E-13	6.384E-08	4.571E-03	1.284E-05	2.013E-09	3.038E-06	6.900E+03
2.901E-01	3.051E-02	3.065E-13	6.785E-08	3.368E-03	1.198E-05	1.305E-09	2.573E-06	7.000E+03
2.840E-01	3.501E-02	5.596E-13	7.159E-08	2.522E-03	1.118E-05	8.516E-10	2.132E-06	7.100E+03
2.783E-01	3.994E-02	1.006E-12	7.501E-08	1.884E-03	1.043E-05	5.593E-10	1.764E-06	7.200E+03
2.713E-01	4.533E-02	1.779E-12	7.802E-08	1.411E-03	9.718E-06	3.655E-10	1.455E-06	7.300E+03
2.637E-01	5.117E-02	3.098E-12	8.058E-08	1.060E-03	9.047E-06	2.454E-10	1.197E-06	7.400E+03
2.553E-01	5.749E-02	5.316E-12	8.261E-08	7.985E-04	8.474E-06	1.637E-10	9.813E-07	7.500E+03
2.463E-01	6.413E-02	8.994E-12	8.405E-08	6.024E-04	7.815E-06	1.097E-10	8.613E-07	7.600E+03
2.367E-01	7.127E-02	1.501E-11	8.486E-08	4.551E-04	7.248E-06	7.370E-11	6.514E-07	7.700E+03
2.260E-01	7.877E-02	2.472E-11	8.500E-08	3.441E-04	6.711E-06	4.968E-11	5.269E-07	7.800E+03
2.159E-01	8.655E-02	4.020E-11	8.445E-08	2.603E-04	6.202E-06	3.356E-11	4.238E-07	7.900E+03
2.049E-01	9.482E-02	6.457E-11	8.321E-08	1.969E-04	5.720E-06	2.271E-11	3.389E-07	8.000E+03
1.818E-01	1.113E-01	1.607E-10	7.877E-08	1.125E-04	4.831E-06	1.043E-11	2.124E-07	8.200E+03



Table II. - Continued

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.408E-01	5.600E-01	1.279E-02	1.855E-16	3.654E-07	1.681E-07	6.141E-08	1.795E-13
8.600E+03	1.619E-01	5.411E-01	1.766E-02	7.292E-16	3.641E-07	1.319E-07	6.527E-08	1.484E-13
8.800E+03	1.832E-01	5.204E-01	2.414E-02	2.734E-15	3.567E-07	1.034E-07	6.906E-08	1.210E-13
9.000E+03	2.045E-01	4.977E-01	3.262E-02	9.773E-15	3.440E-07	8.071E-08	7.250E-08	9.714E-14
9.200E+03	2.258E-01	4.726E-01	4.346E-02	3.326E-14	3.268E-07	6.255E-08	7.519E-08	7.676E-14
9.400E+03	2.471E-01	4.480E-01	5.692E-02	1.076E-13	3.060E-07	4.795E-08	7.664E-08	5.958E-14
9.600E+03	2.685E-01	4.146E-01	7.308E-02	3.297E-13	2.822E-07	3.620E-08	7.639E-08	4.533E-14
9.800E+03	2.901E-01	3.814E-01	9.181E-02	9.574E-13	2.563E-07	2.680E-08	7.413E-08	3.370E-14
1.000E+04	3.119E-01	3.461E-01	1.127E-01	2.635E-12	2.289E-07	1.940E-08	6.979E-08	2.441E-14
1.020E+04	3.335E-01	3.092E-01	1.351E-01	6.881E-12	2.008E-07	1.369E-08	6.363E-08	1.717E-14
1.040E+04	3.547E-01	2.720E-01	1.583E-01	1.710E-11	1.727E-07	9.400E-09	5.614E-08	1.172E-14
1.060E+04	3.750E-01	2.354E-01	1.813E-01	4.060E-11	1.457E-07	6.278E-09	4.795E-08	7.739E-15
1.080E+04	3.939E-01	2.005E-01	2.035E-01	9.231E-11	1.205E-07	4.080E-09	3.972E-08	4.952E-15
1.100E+04	4.112E-01	1.684E-01	2.241E-01	2.018E-10	9.779E-08	2.586E-09	3.199E-08	3.074E-15
1.120E+04	4.266E-01	1.396E-01	2.427E-01	4.256E-10	7.798E-08	1.603E-09	2.513E-08	1.858E-15
1.140E+04	4.399E-01	1.145E-01	2.589E-01	8.684E-10	6.125E-08	9.756E-10	1.933E-08	1.097E-15
1.160E+04	4.512E-01	9.302E-02	2.728E-01	1.719E-09	4.751E-08	5.853E-10	1.462E-08	6.357E-16
1.180E+04	4.606E-01	7.510E-02	2.845E-01	3.11E-09	3.650E-08	3.477E-10	1.091E-08	3.636E-16
1.200E+04	4.683E-01	6.037E-02	2.941E-01	6.221E-09	2.765E-08	2.053E-10	8.076E-09	2.061E-16
1.220E+04	4.746E-01	4.842E-02	3.018E-01	1.141E-08	2.116E-08	1.210E-10	5.943E-09	1.164E-16
1.240E+04	4.796E-01	3.880E-02	3.081E-01	2.050E-08	1.604E-08	7.142E-11	4.361E-09	5.006E-17
1.260E+04	4.837E-01	3.111E-02	3.131E-01	3.608E-08	1.216E-08	4.230E-11	3.199E-09	3.714E-17
1.277E+04	4.869E-01	2.498E-02	3.171E-01	6.232E-08	9.229E-09	2.511E-11	2.350E-09	2.111E-17
1.290E+04	4.894E-01	2.011E-02	3.203E-01	1.058E-07	7.020E-09	1.512E-11	1.731E-09	1.208E-17
1.320E+04	4.915E-01	1.624E-02	3.228E-01	1.766E-07	5.357E-09	9.145E-12	1.280E-09	6.971E-18
1.340E+04	4.931E-01	1.316E-02	3.248E-01	2.903E-07	4.104E-09	5.583E-12	9.512E-10	4.059E-18
1.360E+04	4.944E-01	1.071E-02	3.263E-01	4.701E-07	3.157E-09	3.442E-12	7.105E-10	2.383E-18
1.380E+04	4.955E-01	8.743E-03	3.276E-01	7.507E-07	2.440E-09	2.143E-12	5.33E-10	1.417E-18
1.400E+04	4.964E-01	7.169E-03	3.286E-01	1.183E-06	1.894E-09	1.347E-12	4.030E-10	8.505E-19
1.420E+04	4.971E-01	5.903E-03	3.294E-01	1.840E-06	1.478E-09	8.557E-13	3.062E-10	5.160E-19
1.440E+04	4.977E-01	4.881E-03	3.300E-01	2.827E-06	1.159E-09	5.489E-13	2.340E-10	3.162E-19
1.460E+04	4.983E-01	4.052E-03	3.304E-01	4.294E-06	9.131E-10	3.555E-13	1.798E-10	1.958E-19
1.480E+04	4.989E-01	3.378E-03	3.307E-01	6.447E-06	7.229E-10	2.325E-13	1.390E-10	1.225E-19
1.500E+04	4.993E-01	2.827E-03	3.310E-01	9.577E-06	5.751E-10	1.535E-13	1.081E-10	7.739E-20
1.520E+04	4.998E-01	2.375E-03	3.311E-01	1.408E-05	4.597E-10	1.023E-13	8.445E-11	4.938E-20
1.540E+04	5.004E-01	2.003E-03	3.311E-01	2.049E-05	3.691E-10	6.860E-14	6.635E-11	3.181E-20
1.560E+04	5.010E-01	1.695E-03	3.310E-01	2.952E-05	2.978E-10	4.659E-14	5.239E-11	2.068E-20
1.580E+04	5.016E-01	1.440E-03	3.308E-01	4.214E-05	2.413E-10	3.185E-14	4.157E-11	1.357E-20
1.600E+04	5.024E-01	1.227E-03	3.304E-01	5.959E-05	1.964E-10	2.195E-14	3.314E-11	8.982E-21
1.620E+04	5.034E-01	1.049E-03	3.300E-01	8.351E-05	1.605E-10	1.525E-14	2.654E-11	5.998E-21
1.640E+04	5.045E-01	9.004E-04	3.293E-01	1.160E-04	1.318E-10	1.067E-14	2.134E-11	4.039E-21
1.660E+04	5.057E-01	7.749E-04	3.286E-01	1.598E-04	1.086E-10	7.524E-15	1.723E-11	2.742E-21
1.680E+04	5.073E-01	6.600E-04	3.276E-01	2.182E-04	8.989E-11	5.342E-15	1.396E-11	1.876E-21
1.700E+04	5.090E-01	5.792E-04	3.265E-01	2.955E-04	7.470E-11	3.818E-15	1.136E-11	1.294E-21
1.720E+04	5.110E-01	5.029E-04	3.251E-01	3.969E-04	6.231E-11	2.747E-15	9.269E-12	8.992E-22
1.740E+04	5.133E-01	4.378E-04	3.235E-01	5.289E-04	5.218E-11	1.989E-15	7.588E-12	6.292E-22
1.760E+04	5.158E-01	3.821E-04	3.217E-01	6.994E-04	4.385E-11	1.448E-15	6.230E-12	4.434E-22
1.780E+04	5.186E-01	3.343E-04	3.196E-01	9.180E-04	3.697E-11	1.060E-15	5.129E-12	3.145E-22
1.800E+04	5.217E-01	2.931E-04	3.174E-01	1.196E-03	3.129E-11	7.807E-16	4.234E-12	2.244E-22
1.820E+04	5.249E-01	2.576E-04	3.149E-01	1.548E-03	2.654E-11	5.777E-16	3.504E-12	1.611E-22
1.840E+04	5.283E-01	2.268E-04	3.122E-01	1.989E-03	2.258E-11	4.295E-16	2.906E-12	1.163E-22
1.860E+04	5.319E-01	2.001E-04	3.094E-01	2.541E-03	1.926E-11	3.207E-16	2.415E-12	8.434E-23
1.880E+04	5.355E-01	1.768E-04	3.063E-01	3.225E-03	1.647E-11	2.404E-16	2.011E-12	6.146E-23
1.900E+04	5.391E-01	1.565E-04	3.031E-01	4.070E-03	1.411E-11	1.809E-16	1.677E-12	4.497E-23
1.920E+04	5.427E-01	1.387E-04	2.996E-01	5.106E-03	1.211E-11	1.366E-16	1.401E-12	3.302E-23
1.940E+04	5.463E-01	1.231E-04	2.960E-01	6.371E-03	1.041E-11	1.035E-16	1.172E-12	2.433E-23
1.960E+04	5.498E-01	1.094E-04	2.921E-01	7.906E-03	8.955E-12	7.854E-17	9.806E-13	1.797E-23
1.980E+04	5.533E-01	9.721E-05	2.879E-01	9.755E-03	7.714E-12	5.975E-17	8.210E-13	1.331E-23
2.000E+04	5.568E-01	8.646E-05	2.834E-01	1.197E-02	6.649E-12	4.551E-17	6.872E-13	9.868E-24
2.020E+04	5.602E-01	7.680E-05	2.785E-01	1.460E-02	5.734E-12	3.470E-17	5.747E-13	7.325E-24
2.040E+04	5.636E-01	6.839E-05	2.732E-01	1.770E-02	4.945E-12	2.645E-17	4.799E-13	5.439E-24
2.060E+04	5.670E-01	6.079E-05	2.673E-01	2.132E-02	4.264E-12	2.015E-17	3.998E-13	4.038E-24
2.080E+04	5.704E-01	5.399E-05	2.608E-01	2.551E-02	3.674E-12	1.533E-17	3.321E-13	2.994E-24
2.100E+04	5.739E-01	4.786E-05	2.537E-01	3.030E-02	3.163E-12	1.163E-17	2.747E-13	2.215E-24
2.120E+04	5.776E-01	4.237E-05	2.458E-01	3.573E-02	2.719E-12	8.800E-18	2.261E-13	1.635E-24
2.140E+04	5.813E-01	3.742E-05	2.373E-01	4.180E-02	2.334E-12	6.629E-18	1.851E-13	1.202E-24
2.160E+04	5.852E-01	3.296E-05	2.280E-01	4.850E-02	1.998E-12	4.952E-18	1.505E-13	8.797E-25
2.180E+04	5.892E-01	2.894E-05	2.180E-01	5.581E-02	1.707E-12	3.694E-18	1.215E-13	6.404E-25
2.200E+04	5.933E-01	2.533E-05	2.074E-01	6.366E-02	1.453E-12	2.741E-18	9.725E-14	4.634E-25
2.220E+04	5.976E-01	2.208E-05	1.963E-01	7.199E-02	1.233E-12	2.014E-18	7.719E-14	3.330E-25
2.240E+04	6.019E-01	1.918E-05	1.847E-01	8.069E-02	1.043E-12	1.469E-18	6.071E-14	2.375E-25
2.260E+04	6.063E-01	1.658E-05	1.728E-01	8.967E-02	8.783E-13	1.063E-18	4.731E-14	1.681E-25
2.280E+04	6.106E-01	1.428E-05	1.608E-01	9.879E-02	7.367E-13	7.624E-19	3.651E-14	1.180E-25
2.300E+04	6.149E-01	1.224E-05	1.488E-01	1.079E-01	6.153E-13	5.423E-19	2.791E-14	8.219E-26
2.320E+04	6.191E-01	1.045E-05	1.369E-01	1.170E-01	5.118E-13	3.826E-19	2.115E-14	5.676E-26
2.340E+04	6.232E-01	8.885E-06	1.254E-01	1.258E-01	4.239E-13	2.678E-19	1.588E-14	3.888E-26
2.360E+04	6.271E-01	7.525E-06	1.142E-01	1.344E-01	3.497E-13	1.860E-19	1.182E-14	2.644E-26
2.380E+04	6.308E-01	6.360E-06	1.036E-01	1.425E-01	2.874E-13	1.283E-19	8.735E-15	1.785E-26
2.400E+04	6.343E-01	5.342E-06	9.359E-02	1.502E-01	2.354E-13	8.794E-20	6.409E-15	1.197E-26
2.420E+04	6.376E-01	4.480E-06	8.423E-02	1.574E-01	1.922E-13	5.994E-20	4.673E-15	7.982E-27
2.440E+04	6.406E-01	3.748E-06	7.557E-02	1.640E-01	1.565E-13	4.066E-20	3.389E-15	5.296E-27
2.460E+04	6.433E-01	3.130E-06	6.760E-02	1.702E-01	1.272E-13	2.747E-20	2.446E-15	3.500E-27
2.480E+04	6.459E-01	2.609E-06	6.033E-02	1.758E-01	1.031E-13	1.850E-20	1.759E-15	2.305E-27
2.500E+04	6.481E-01	2.172E-06	5.373E-02	1.908E-01	8.350E-14	1.243E-20	1.259E-15	1.514E-27

Table II. - Continued.

C	C+	C++	C-	Cu	C0+	CC2	C2	T
1.503E-01	1.200E-01	3.018E-10	7.206E-08	6.406E-05	4.037E-06	4.797E-12	1.294E-07	8.400E+03
1.351E-01	1.442E-01	8.083E-10	6.377E-08	5.626E-05	3.334E-06	2.204E-12	7.657E-08	8.600E+03
1.132E-01	1.571E-01	1.893E-09	5.469E-08	2.039E-05	2.718E-06	1.008E-12	4.402E-08	8.800E+03
9.322E-02	1.719E-01	3.900E-09	4.503E-08	1.138E-05	2.186E-06	4.591E-13	2.767E-08	9.000E+03
7.207E-02	1.874E-01	7.901E-09	3.722E-08	6.314E-06	1.733E-06	2.075E-13	1.354E-08	9.200E+03
6.074E-02	1.902E-01	1.540E-08	2.903E-08	3.480E-06	1.353E-06	9.302E-14	7.31E-09	9.400E+03
4.835E-02	1.955E-01	2.875E-08	2.300E-08	1.907E-06	1.040E-06	4.120E-14	3.917E-09	9.600E+03
3.828E-02	1.983E-01	5.187E-08	1.851E-08	1.037E-06	7.865E-07	1.807E-14	2.087E-09	9.800E+03
3.020E-02	1.992E-01	9.081E-08	1.443E-08	5.631E-07	5.857E-07	7.796E-15	1.112E-09	1.000E+04
2.378E-02	1.994E-01	1.548E-07	1.115E-08	3.031E-07	4.296E-07	3.308E-15	5.931E-10	1.020E+04
1.871E-02	1.994E-01	2.579E-07	8.643E-09	1.621E-07	3.106E-07	1.379E-15	3.177E-10	1.040E+04
1.473E-02	1.995E-01	4.210E-07	6.649E-09	8.618E-08	2.217E-07	5.643E-16	1.710E-10	1.060E+04
1.100E-02	1.994E-01	6.781E-07	5.098E-09	4.550E-08	1.564E-07	2.270E-16	9.269E-11	1.080E+04
9.153E-03	1.991E-01	1.076E-06	3.857E-09	2.399E-08	1.044E-07	8.999E-17	5.065E-11	1.100E+04
7.242E-03	1.989E-01	1.089E-06	2.973E-09	1.201E-08	7.600E-08	3.524E-17	2.794E-11	1.120E+04
5.749E-03	1.989E-01	2.625E-06	2.267E-09	6.628E-09	5.258E-08	1.372E-17	1.558E-11	1.140E+04
4.503E-03	1.983E-01	4.044E-06	1.728E-09	3.494E-09	3.632E-08	5.315E-18	0.793E-12	1.160E+04
3.671E-03	1.961E-01	6.176E-06	1.320E-09	1.852E-09	2.510E-08	2.066E-18	5.027E-12	1.180E+04
2.955E-03	1.943E-01	9.352E-06	1.010E-09	9.887E-10	1.739E-08	6.070E-19	2.912E-12	1.200E+04
2.391E-03	1.927E-01	1.404E-05	7.753E-10	5.328E-10	1.209E-08	3.182E-19	1.710E-12	1.220E+04
1.945E-03	1.915E-01	2.090E-05	5.975E-10	2.903E-10	8.455E-09	1.270E-19	1.018E-12	1.240E+04
1.590E-03	1.903E-01	3.083E-05	4.665E-10	1.600E-10	5.948E-09	5.146E-20	6.145E-13	1.260E+04
1.307E-03	1.897E-01	4.508E-05	3.597E-10	8.931E-11	4.212E-09	2.119E-20	3.757E-13	1.280E+04
1.060E-03	1.890E-01	6.531E-05	2.811E-10	5.051E-11	3.004E-09	8.877E-21	2.527E-13	1.300E+04
8.972E-04	1.885E-01	9.377E-05	2.207E-10	2.894E-11	2.159E-09	3.787E-21	1.459E-13	1.320E+04
7.467E-04	1.881E-01	1.334E-04	1.742E-10	1.601E-11	1.562E-09	1.646E-21	9.261E-14	1.340E+04
6.270E-04	1.877E-01	1.882E-04	1.382E-10	9.891E-12	1.139E-09	7.289E-22	5.945E-14	1.360E+04
5.207E-04	1.874E-01	2.631E-04	1.101E-10	5.697E-12	8.370E-10	3.288E-22	3.858E-14	1.380E+04
4.472E-04	1.871E-01	3.648E-04	8.815E-11	3.561E-12	5.192E-10	1.511E-22	2.531E-14	1.400E+04
3.798E-04	1.867E-01	5.015E-04	7.095E-11	2.177E-12	4.613E-10	7.066E-22	1.676E-14	1.420E+04
3.239E-04	1.864E-01	6.837E-04	5.734E-11	1.347E-12	3.459E-10	3.363E-23	1.121E-14	1.440E+04
2.772E-04	1.860E-01	9.246E-04	4.653E-11	8.429E-13	2.611E-10	1.628E-23	7.564E-15	1.460E+04
2.380E-04	1.856E-01	1.241E-03	3.791E-11	5.335E-13	1.963E-10	8.011E-24	5.146E-15	1.480E+04
2.050E-04	1.850E-01	1.651E-03	3.101E-11	3.413E-13	1.514E-10	4.004E-24	3.529E-15	1.500E+04
1.771E-04	1.844E-01	2.181E-03	2.545E-11	2.205E-13	1.162E-10	2.032E-24	2.437E-15	1.520E+04
1.534E-04	1.835E-01	2.657E-03	2.096E-11	1.439E-13	8.908E-11	1.046E-24	1.693E-15	1.540E+04
1.332E-04	1.825E-01	3.714E-03	1.731E-11	9.470E-14	6.949E-11	5.459E-25	1.184E-15	1.560E+04
1.159E-04	1.812E-01	4.790E-03	1.433E-11	6.287E-14	5.407E-11	2.886E-25	8.314E-16	1.580E+04
1.009E-04	1.806E-01	6.126E-03	1.189E-11	4.206E-14	4.221E-11	1.544E-25	5.858E-16	1.600E+04
8.800E-05	1.797E-01	7.769E-03	9.883E-12	2.834E-14	3.304E-11	8.358E-26	4.146E-16	1.620E+04
7.677E-05	1.789E-01	9.768E-03	8.226E-12	1.921E-14	2.592E-11	4.571E-26	2.938E-16	1.640E+04
6.698E-05	1.782E-01	1.217E-02	6.852E-12	1.310E-14	2.036E-11	2.523E-26	2.084E-16	1.660E+04
5.840E-05	1.772E-01	1.502E-02	5.709E-12	8.975E-15	1.601E-11	1.405E-26	1.477E-16	1.680E+04
5.130E-05	1.763E-01	1.835E-02	4.755E-12	6.173E-15	1.259E-11	7.886E-27	1.046E-16	1.700E+04
4.421E-05	1.750E-01	2.191E-02	3.956E-12	4.260E-15	9.893E-12	4.455E-27	7.379E-17	1.720E+04
3.834E-05	1.737E-01	2.654E-02	3.287E-12	2.946E-15	7.763E-12	2.531E-27	5.185E-17	1.740E+04
3.315E-05	1.729E-01	3.141E-02	2.725E-12	2.041E-15	6.074E-12	1.445E-27	3.624E-17	1.760E+04
2.856E-05	1.723E-01	3.674E-02	2.252E-12	1.414E-15	4.746E-12	8.279E-28	2.517E-17	1.780E+04
2.451E-05	1.719E-01	4.250E-02	1.856E-12	9.806E-16	3.694E-12	4.759E-28	1.731E-17	1.800E+04
2.094E-05	1.707E-01	4.855E-02	1.523E-12	6.794E-16	2.864E-12	2.741E-28	1.186E-17	1.820E+04
1.780E-05	1.692E-01	5.492E-02	1.245E-12	4.688E-16	2.212E-12	1.582E-28	6.031E-18	1.840E+04
1.507E-05	1.685E-02	6.138E-02	1.013E-12	3.250E-16	1.701E-12	9.138E-29	5.391E-18	1.860E+04
1.269E-05	1.678E-02	6.787E-02	8.211E-13	2.243E-16	1.303E-12	5.282E-29	3.585E-18	1.880E+04
1.063E-05	1.673E-02	7.426E-02	6.623E-13	1.545E-16	9.935E-13	3.055E-29	2.362E-18	1.900E+04
8.674E-06	1.668E-02	8.045E-02	5.319E-13	1.063E-16	7.545E-13	1.767E-29	1.544E-18	1.920E+04
7.374E-06	1.664E-02	8.635E-02	4.254E-13	7.296E-17	5.709E-13	1.022E-29	1.000E-18	1.940E+04
6.105E-06	1.661E-02	9.188E-02	3.390E-13	5.002E-17	4.304E-13	5.914E-30	6.440E-19	1.960E+04
5.039E-06	1.658E-02	9.700E-02	2.693E-13	3.425E-17	3.234E-13	3.422E-30	4.119E-19	1.980E+04
4.147E-06	1.650E-02	1.016E-01	2.134E-13	2.343E-17	2.423E-13	1.980E-30	2.622E-19	2.000E+04
3.406E-06	1.647E-02	1.058E-01	1.686E-13	1.601E-17	1.810E-13	1.145E-30	1.662E-19	2.020E+04
2.793E-06	1.643E-02	1.095E-01	1.333E-13	1.093E-17	1.349E-13	6.621E-31	1.051E-20	2.040E+04
2.289E-06	1.640E-02	1.127E-01	1.051E-13	7.463E-18	1.003E-13	3.826E-31	6.631E-20	2.060E+04
1.874E-06	1.638E-02	1.154E-01	8.294E-14	5.092E-18	7.436E-14	2.209E-31	4.182E-20	2.080E+04
1.535E-06	1.636E-02	1.176E-01	6.544E-14	3.473E-18	5.502E-14	1.274E-31	2.636E-20	2.100E+04
1.258E-06	1.634E-02	1.195E-01	5.188E-14	2.367E-18	4.062E-14	7.332E-32	1.668E-20	2.120E+04
1.031E-06	1.632E-02	1.209E-01	4.085E-14	1.613E-18	2.991E-14	4.210E-32	1.054E-20	2.140E+04
8.407E-07	1.631E-02	1.215E-01	3.235E-14	1.098E-18	2.198E-14	2.411E-32	6.689E-21	2.160E+04
6.961E-07	1.628E-02	1.226E-01	2.565E-14	7.408E-19	1.610E-14	1.375E-32	4.256E-21	2.180E+04
5.731E-07	1.624E-02	1.231E-01	2.038E-14	5.074E-19	1.179E-14	7.815E-33	2.717E-21	2.200E+04
4.727E-07	1.622E-02	1.232E-01	1.620E-14	3.443E-19	8.570E-15	4.420E-33	1.741E-21	2.220E+04
3.906E-07	1.620E-02	1.231E-01	1.295E-14	2.333E-19	6.225E-15	2.487E-33	1.120E-21	2.240E+04
3.234E-07	1.619E-02	1.229E-01	1.055E-14	1.578E-19	4.508E-15	1.392E-33	7.251E-22	2.260E+04
2.683E-07	1.618E-02	1.225E-01	8.295E-15	1.066E-19	3.255E-15	7.750E-34	4.690E-22	2.280E+04
2.231E-07	1.617E-02	1.219E-01	6.660E-15	7.185E-20	2.343E-15	4.290E-34	3.055E-22	2.300E+04
1.858E-07	1.616E-02	1.213E-01	5.358E-15	4.837E-20	1.683E-15	2.362E-34	1.998E-22	2.320E+04
1.551E-07	1.615E-02	1.206E-01	4.319E-15	3.251E-20	1.205E-15	1.294E-34	1.313E-22	2.340E+04
1.297E-07	1.614E-02	1.199E-01	3.488E-15	2.143E-20	8.617E-16	7.054E-35	8.664E-23	2.360E+04
1.088E-07	1.613E-02	1.192E-01	2.823E-15	1.464E-20	6.149E-16	3.830E-35	5.744E-23	2.380E+04
9.136E-08	1.612E-02	1.185E-01	2.264E-15	9.815E-21	4.382E-16	2.072E-35	3.824E-23	2.400E+04
7.692E-08	1.611E-02	1.178E-01	1.851E-15	6.570E-21	3.120E-16	1.118E-35	2.558E-23	2.420E+04
6.489E-08	1.610E-02	1.171E-01	1.507E-15	4.404E-21	2.220E-16	6.021E-36	1.719E-23	2.440E+04
5.487E-08	1.609E-02	1.165E-01	1.234E-15	2.957E-21	1.580E-16	3.238E-36	1.160E-23	2.460E+04
4.649E-08	1.608E-02	1.159E-01	1.008E-15	1.965E-21	1.125E-16	1.741E-36	7.868E-24	2.480E+04
3.948E-08	1.607E-02	1.154E-01	8.253E-16	1.334E-21	8.011E-17	9.367E-37	5.359E-24	2.500E+04

Table II. - Continued.

P/P0 = 5.00E-03

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.087E-66	0.	0.	0.	5.243E-11	1.760E-18	0.
3.000E+02	0.	5.069E-45	4.432E-79	0.	0.	5.656E-11	1.760E-18	0.
4.000E+02	0.	3.396E-34	1.194E-61	0.	0.	4.904E-11	1.760E-18	0.
5.000E+02	0.	1.180E-27	3.429E-51	0.	0.	4.859E-11	1.760E-18	0.
6.000E+02	2.186E-91	2.676E-23	3.267E-44	0.	0.	4.910E-11	1.760E-18	0.
7.000E+02	1.350E-76	4.309E-20	2.662E-39	0.	9.233E-89	7.185E-11	1.760E-18	1.437E-82
8.000E+02	3.622E-64	5.036E-17	2.850E-36	0.	9.800E-75	1.983E-09	1.760E-18	9.749E-70
9.000E+02	3.034E-54	1.630E-14	4.942E-34	0.	1.840E-63	4.573E-08	1.760E-18	2.836E-59
1.000E+03	2.729E-46	1.676E-12	3.061E-32	0.	1.961E-54	5.679E-07	1.760E-18	6.795E-51
1.100E+03	8.958E-40	7.443E-11	9.002E-31	0.	4.762E-47	4.451E-06	1.760E-18	4.853E-44
1.200E+03	2.445E-34	1.760E-09	1.514E-29	0.	6.788E-41	2.470E-05	1.760E-18	2.486E-38
1.300E+03	9.887E-30	2.561E-08	1.656E-28	0.	1.092E-35	1.050E-04	1.760E-18	1.678E-33
1.400E+03	8.893E-26	2.544E-07	1.292E-27	0.	3.163E-31	3.625E-04	1.760E-18	2.302E-29
1.500E+03	2.391E-22	1.860E-06	7.682E-27	0.	2.321E-27	1.057E-03	1.759E-18	8.820E-26
1.600E+03	2.154E-19	1.060E-05	4.114E-26	0.	4.970E-24	2.687E-03	1.971E-18	1.066E-22
1.700E+03	1.295E-17	4.916E-05	1.225E-24	0.	6.344E-22	6.082E-03	1.470E-17	8.184E-21
1.800E+03	2.070E-16	1.914E-04	5.996E-23	0.	1.952E-20	1.245E-02	2.089E-16	1.598E-19
1.900E+03	2.344E-15	6.418E-04	2.055E-21	0.	3.939E-19	2.30E-02	2.348E-15	2.118E-18
2.000E+03	2.060E-14	1.887E-03	4.983E-20	0.	5.710E-18	4.008E-02	2.063E-14	2.086E-17
2.100E+03	1.454E-13	4.935E-03	8.953E-19	2.033E-85	6.207E-17	6.351E-02	1.456E-13	1.572E-16
2.200E+03	8.435E-13	1.189E-02	1.241E-17	3.688E-81	5.200E-16	9.261E-02	8.449E-13	9.249E-16
2.300E+03	4.100E-12	2.462E-02	1.370E-16	2.946E-77	3.425E-15	1.239E-01	4.106E-12	4.293E-15
2.400E+03	1.693E-11	4.783E-02	1.247E-15	1.156E-73	1.801E-14	1.514E-01	1.696E-11	1.584E-14
2.500E+03	6.015E-11	8.370E-02	9.511E-15	2.445E-70	7.652E-14	1.683E-01	6.023E-11	4.669E-14
2.600E+03	1.855E-10	1.349E-01	6.220E-14	3.017E-67	2.649E-13	1.694E-01	1.857E-10	1.101E-13
2.700E+03	5.006E-10	1.992E-01	3.546E-13	2.321E-64	7.531E-13	1.535E-01	5.005E-10	2.083E-13
2.800E+03	1.191E-09	2.702E-01	1.788E-12	1.179E-61	1.770E-12	1.250E-01	1.188E-09	3.167E-13
2.900E+03	2.521E-09	3.384E-01	8.069E-12	4.150E-59	3.480E-12	9.167E-02	2.506E-09	3.910E-13
3.000E+03	4.814E-09	3.946E-01	3.292E-11	1.041E-56	5.851E-12	6.134E-02	4.749E-09	4.025E-13
3.100E+03	8.467E-09	4.381E-01	1.223E-10	1.908E-54	8.696E-12	3.839E-02	8.218E-09	3.608E-13
3.200E+03	1.404E-08	4.612E-01	4.157E-10	2.576E-52	1.189E-11	2.315E-02	1.319E-08	2.970E-13
3.300E+03	2.251E-08	4.770E-01	1.292E-09	2.555E-50	1.552E-11	1.379E-02	1.983E-08	2.357E-13
3.400E+03	3.568E-08	4.863E-01	3.655E-09	1.856E-48	1.998E-11	8.263E-03	2.797E-08	1.875E-13
3.500E+03	5.701E-08	4.917E-01	9.372E-09	9.828E-47	2.599E-11	5.025E-03	3.691E-08	1.539E-13
3.600E+03	9.295E-08	4.949E-01	2.173E-08	3.804E-45	3.470E-11	3.116E-03	4.551E-08	1.324E-13
3.700E+03	1.548E-07	4.967E-01	4.587E-08	1.100E-43	4.764E-11	1.974E-03	5.272E-08	1.197E-13
3.800E+03	2.615E-07	4.979E-01	8.942E-08	2.460E-42	6.690E-11	1.277E-03	5.812E-08	1.128E-13
3.900E+03	4.434E-07	4.986E-01	1.635E-07	4.426E-41	9.467E-11	8.436E-04	6.182E-08	1.096E-13
4.000E+03	7.486E-07	4.991E-01	2.841E-07	6.610E-40	1.345E-10	5.684E-04	6.414E-08	1.087E-13
4.100E+03	1.254E-06	4.994E-01	4.727E-07	8.376E-39	1.909E-10	3.902E-04	6.531E-08	1.096E-13
4.200E+03	2.084E-06	4.996E-01	7.558E-07	9.119E-38	2.705E-10	2.726E-04	6.540E-08	1.122E-13
4.300E+03	3.447E-06	4.998E-01	1.162E-06	8.578E-37	3.839E-10	1.936E-04	6.432E-08	1.167E-13
4.400E+03	5.701E-06	5.000E-01	1.714E-06	6.980E-36	5.477E-10	1.397E-04	6.195E-08	1.238E-13
4.500E+03	9.473E-06	5.004E-01	2.423E-06	4.918E-35	7.893E-10	1.023E-04	5.827E-08	1.344E-13
4.600E+03	1.585E-05	5.009E-01	3.283E-06	3.012E-34	1.151E-09	7.600E-05	5.348E-08	1.497E-13
4.700E+03	2.668E-05	5.018E-01	4.277E-06	1.620E-33	1.699E-09	5.727E-05	4.802E-08	1.708E-13
4.800E+03	4.500E-05	5.033E-01	5.396E-06	7.772E-33	2.527E-09	4.377E-05	4.244E-08	1.987E-13
4.900E+03	7.558E-05	5.067E-01	6.649E-06	3.393E-32	3.765E-09	3.396E-05	3.724E-08	2.344E-13
5.000E+03	1.256E-04	5.096E-01	8.077E-06	1.377E-31	5.585E-09	2.677E-05	3.275E-08	2.788E-13
5.100E+03	2.050E-04	5.184E-01	9.764E-06	5.295E-31	8.202E-09	2.148E-05	2.913E-08	3.325E-13
5.200E+03	3.268E-04	5.287E-01	1.184E-05	1.964E-30	1.186E-08	1.755E-05	2.644E-08	3.957E-13
5.300E+03	5.063E-04	5.348E-01	1.450E-05	7.132E-30	1.632E-08	1.461E-05	2.462E-08	4.678E-13
5.400E+03	7.620E-04	5.485E-01	1.798E-05	2.560E-29	2.330E-08	1.237E-05	2.358E-08	5.466E-13
5.500E+03	1.109E-03	5.640E-01	2.262E-05	9.134E-29	3.143E-08	1.062E-05	2.320E-08	6.281E-13
5.600E+03	1.644E-03	5.803E-01	2.883E-05	3.242E-28	4.120E-09	9.189E-06	2.336E-08	7.069E-13
5.700E+03	2.139E-03	5.962E-01	3.709E-05	1.142E-27	5.247E-08	7.985E-06	2.393E-08	7.767E-13
5.800E+03	2.848E-03	6.105E-01	4.802E-05	3.978E-27	6.499E-08	6.940E-06	2.481E-08	8.323E-13
5.900E+03	3.702E-03	6.227E-01	6.235E-05	1.364E-26	7.847E-08	6.020E-06	2.589E-08	8.710E-13
6.000E+03	4.715E-03	6.323E-01	8.097E-05	4.584E-26	9.265E-08	5.209E-06	2.712E-08	8.924E-13
6.100E+03	5.902E-03	6.396E-01	1.049E-04	1.505E-25	1.073E-07	4.497E-06	2.845E-08	8.984E-13
6.200E+03	7.284E-03	6.448E-01	1.355E-04	4.815E-25	1.225E-07	3.878E-06	2.984E-08	8.920E-13
6.300E+03	8.882E-03	6.482E-01	1.741E-04	1.499E-24	1.379E-07	3.343E-06	3.129E-09	8.763E-13
6.400E+03	1.072E-02	6.503E-01	2.226E-04	4.535E-24	1.538E-07	2.883E-06	3.277E-08	8.540E-13
6.500E+03	1.283E-02	6.513E-01	2.830E-04	1.334E-23	1.699E-07	2.490E-06	3.429E-08	8.272E-13
6.600E+03	1.523E-02	6.513E-01	3.578E-04	3.814E-23	1.865E-07	2.155E-06	3.583E-08	7.977E-13
6.700E+03	1.795E-02	6.507E-01	4.498E-04	1.061E-22	2.033E-07	1.868E-06	3.740E-08	7.666E-13
6.800E+03	2.102E-02	6.495E-01	5.624E-04	2.874E-22	2.203E-07	1.623E-06	3.900E-08	7.345E-13
6.900E+03	2.448E-02	6.477E-01	6.994E-04	7.534E-22	2.376E-07	1.414E-06	4.063E-08	7.021E-13
7.000E+03	2.833E-02	6.465E-01	8.612E-04	1.952E-21	2.550E-07	1.234E-06	4.228E-08	6.696E-13
7.100E+03	3.262E-02	6.428E-01	1.065E-03	4.908E-21	2.723E-07	1.080E-06	4.395E-08	6.373E-13
7.200E+03	3.736E-02	6.396E-01	1.305E-03	1.206E-20	2.896E-07	9.465E-07	4.565E-08	6.053E-13
7.300E+03	4.257E-02	6.361E-01	1.542E-03	2.900E-20	3.065E-07	8.313E-07	4.737E-08	5.737E-13
7.400E+03	4.827E-02	6.321E-01	1.933E-03	6.830E-20	3.230E-07	7.314E-07	4.912E-08	5.425E-13
7.500E+03	5.446E-02	6.277E-01	2.339E-03	1.577E-19	3.390E-07	6.445E-07	5.090E-08	5.119E-13
7.600E+03	6.114E-02	6.228E-01	2.818E-03	3.575E-19	3.541E-07	5.688E-07	5.270E-08	4.818E-13
7.700E+03	6.831E-02	6.175E-01	3.384E-03	7.959E-19	3.684E-07	5.026E-07	5.453E-08	4.532E-13
7.800E+03	7.597E-02	6.118E-01	4.051E-03	1.743E-18	3.815E-07	4.446E-07	5.640E-08	4.234E-13
7.900E+03	8.408E-02	6.067E-01	4.833E-03	3.754E-18	3.934E-07	3.937E-07	5.830E-08	3.953E-13
8.000E+03	9.264E-02	5.991E-01	5.749E-03	7.965E-18	4.039E-07	3.489E-07	6.023E-08	3.680E-13
8.200E+03	1.109E-01	5.846E-01	8.069E-03	3.436E-17	4.201E-07	2.746E-07	6.422E-08	3.159E-13

Table II. - Continued.

P/PO = 5.00E-03

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
3.438E-96	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
7.868E-77	8.110E-76	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
3.707E-63	2.910E-65	0.	0.	0.	0.	1.000E+00	0.	7.000E+02
3.243E-54	1.783E-58	0.	0.	0.	0.	1.000E+00	0.	8.000E+02
1.683E-47	1.119E-53	0.	0.	0.	0.	1.000E+00	0.	9.000E+02
3.943E-42	7.612E-50	0.	0.	0.	0.	1.000E+00	0.	1.000E+03
9.792E-38	1.048E-46	0.	0.	0.	0.	1.000E+00	0.	1.100E+03
4.516E-34	4.351E-44	0.	0.	0.	0.	1.000E+00	0.	1.200E+03
5.701E-31	7.181E-42	0.	0.	0.	0.	1.000E+00	0.	1.300E+03
2.600E-28	5.741E-40	0.	0.	0.	0.	1.000E+00	0.	1.400E+03
5.247E-26	2.569E-38	2.572E-95	1.223E-47	2.117E-03	1.620E-24	9.989E-01	2.330E-42	1.500E+03
5.458E-24	8.056E-37	1.385E-91	5.304E-43	5.385E-03	4.715E-24	9.919E-01	3.106E-39	1.600E+03
3.286E-22	1.143E-34	1.250E-86	9.646E-40	1.221E-02	8.175E-23	9.817E-01	4.336E-36	1.700E+03
1.253E-20	2.246E-32	1.833E-81	3.164E-37	2.517E-02	2.463E-21	9.623E-01	6.003E-32	1.800E+03
3.244E-19	2.678E-30	8.641E-77	5.293E-35	4.725E-02	5.443E-20	9.288E-01	4.907E-30	1.900E+03
8.041E-18	2.004E-28	1.430E-72	5.187E-33	8.205E-02	8.821E-19	8.760E-01	2.552E-28	2.000E+03
8.441E-17	1.005E-26	9.657E-69	3.198E-31	1.320E-01	1.088E-17	7.996E-01	8.955E-27	2.100E+03
9.183E-16	3.570E-25	3.034E-65	1.310E-29	1.968E-01	1.064E-16	6.990E-01	2.225E-25	2.200E+03
8.017E-15	9.478E-24	4.956E-62	3.728E-28	2.724E-01	8.423E-16	5.791E-01	4.075E-24	2.300E+03
5.772E-14	1.950E-22	4.632E-59	7.650E-27	3.504E-01	5.551E-15	4.506E-01	5.712E-23	2.400E+03
3.515E-13	3.275E-21	2.697E-56	1.171E-25	4.204E-01	3.121E-14	3.276E-01	6.357E-22	2.500E+03
1.858E-12	4.599E-20	1.056E-53	1.383E-24	4.736E-01	1.535E-13	2.222E-01	5.848E-21	2.600E+03
8.763E-12	5.696E-19	2.983E-51	1.300E-23	5.063E-01	6.774E-13	1.410E-01	4.644E-20	2.700E+03
3.786E-11	6.372E-18	6.477E-49	1.006E-22	5.203E-01	2.754E-12	8.444E-02	3.330E-19	2.800E+03
1.535E-10	6.651E-17	1.135E-46	6.600E-22	5.217E-01	1.055E-11	4.827E-02	2.246E-18	2.900E+03
5.933E-10	6.570E-16	1.652E-44	3.784E-21	5.173E-01	3.865E-11	2.679E-02	1.461E-17	3.000E+03
2.197E-09	6.112E-15	1.986E-42	1.939E-20	5.118E-01	1.356E-10	1.472E-02	9.197E-17	3.100E+03
7.766E-09	5.256E-14	1.930E-40	9.060E-20	5.075E-01	4.521E-10	8.134E-03	5.536E-16	3.200E+03
2.405E-08	4.047E-13	1.473E-38	3.925E-19	5.046E-01	1.413E-09	4.574E-03	3.135E-15	3.300E+03
8.257E-08	2.819E-12	8.593E-37	1.606E-18	5.028E-01	4.077E-09	2.634E-03	1.651E-14	3.400E+03
2.472E-07	1.700E-11	3.758E-35	6.314E-18	5.017E-01	1.074E-08	1.756E-03	8.049E-14	3.500E+03
7.003E-07	8.927E-11	1.226E-33	2.418E-17	5.011E-01	2.566E-08	4.399E-04	3.630E-13	3.600E+03
1.881E-06	4.105E-10	3.030E-32	9.044E-17	5.007E-01	5.588E-08	5.873E-04	1.518E-12	3.700E+03
4.806E-06	1.674E-09	5.863E-31	3.288E-16	5.004E-01	1.124E-07	3.744E-04	5.913E-12	3.800E+03
1.172E-05	6.210E-09	9.211E-30	1.153E-15	5.003E-01	2.119E-07	2.441E-04	2.153E-11	3.900E+03
2.735E-05	2.111E-08	1.211E-28	3.879E-15	5.002E-01	3.793E-07	1.626E-04	7.362E-11	4.000E+03
6.131E-05	6.653E-08	1.360E-27	1.251E-14	5.000E-01	6.494E-07	1.105E-04	2.373E-10	4.100E+03
1.323E-04	1.956E-07	1.321E-26	3.875E-14	4.999E-01	1.067E-06	7.644E-05	7.242E-10	4.200E+03
2.755E-04	5.375E-07	1.115E-25	1.159E-13	4.997E-01	1.684E-06	5.380E-05	2.098E-09	4.300E+03
5.549E-04	1.380E-06	8.176E-25	3.371E-13	4.992E-01	2.546E-06	3.847E-05	5.791E-09	4.400E+03
1.083E-03	3.311E-06	5.211E-24	9.583E-13	4.984E-01	3.681E-06	2.791E-05	1.526E-08	4.500E+03
2.049E-03	7.425E-06	2.894E-23	2.672E-12	4.969E-01	5.088E-06	2.052E-05	3.841E-08	4.600E+03
3.763E-03	1.562E-05	1.412E-22	7.307E-12	4.943E-01	6.738E-06	1.526E-05	9.243E-08	4.700E+03
6.705E-03	3.097E-05	6.132E-22	1.950E-11	4.899E-01	8.587E-06	1.145E-05	2.123E-07	4.800E+03
1.157E-02	5.850E-05	2.409E-21	5.038E-11	4.825E-01	1.060E-05	8.664E-06	4.636E-07	4.900E+03
1.930E-02	1.047E-04	8.691E-21	1.248E-10	4.708E-01	1.273E-05	6.582E-06	9.566E-07	5.000E+03
3.097E-02	1.802E-04	2.920E-20	2.933E-10	4.532E-01	1.494E-05	5.001E-06	1.849E-06	5.100E+03
4.759E-02	2.978E-04	9.227E-20	6.469E-10	4.280E-01	1.717E-05	3.782E-06	3.312E-06	5.200E+03
6.971E-02	4.730E-04	2.766E-19	1.326E-09	3.944E-01	1.933E-05	2.831E-06	5.446E-06	5.300E+03
9.699E-02	7.227E-04	7.915E-19	2.512E-09	3.530E-01	2.131E-05	2.084E-06	8.160E-06	5.400E+03
1.281E-01	1.063E-03	2.172E-18	4.382E-09	3.057E-01	2.299E-05	1.500E-06	1.111E-05	5.500E+03
1.607E-01	1.511E-03	5.734E-18	7.056E-09	2.558E-01	2.424E-05	1.053E-06	1.379E-05	5.600E+03
1.925E-01	2.077E-03	1.461E-17	1.055E-08	2.070E-01	2.499E-05	7.182E-07	1.571E-05	5.700E+03
2.212E-01	2.775E-03	3.603E-17	1.475E-08	1.625E-01	2.522E-05	4.772E-07	1.661E-05	5.800E+03
2.455E-01	3.615E-03	8.615E-17	1.951E-08	1.244E-01	2.497E-05	3.098E-07	1.650E-05	5.900E+03
2.649E-01	4.609E-03	2.000E-16	2.461E-08	9.332E-02	2.434E-05	1.976E-07	1.560E-05	6.000E+03
2.795E-01	5.774E-03	4.518E-16	2.992E-08	6.905E-02	2.343E-05	1.245E-07	1.420E-05	6.100E+03
2.900E-01	7.126E-03	9.942E-16	3.532E-08	5.065E-02	2.234E-05	7.793E-08	1.258E-05	6.200E+03
2.970E-01	8.687E-03	2.134E-15	4.075E-08	3.698E-02	2.117E-05	4.869E-08	1.092E-05	6.300E+03
3.013E-01	1.048E-02	4.474E-15	4.617E-08	2.697E-02	1.996E-05	3.047E-08	9.357E-06	6.400E+03
3.034E-01	1.252E-02	9.172E-15	5.156E-08	1.969E-02	1.877E-05	1.915E-08	7.943E-06	6.500E+03
3.038E-01	1.485E-02	1.840E-14	5.691E-08	1.441E-02	1.761E-05	1.211E-08	6.702E-06	6.600E+03
3.028E-01	1.748E-02	3.618E-14	6.218E-08	1.059E-02	1.650E-05	7.705E-09	5.632E-06	6.700E+03
3.007E-01	2.045E-02	6.975E-14	6.736E-08	7.806E-03	1.545E-05	4.940E-09	4.719E-06	6.800E+03
2.975E-01	2.376E-02	1.320E-13	7.239E-08	5.781E-03	1.446E-05	3.190E-09	3.946E-06	6.900E+03
2.936E-01	2.746E-02	2.452E-13	7.723E-08	4.299E-03	1.352E-05	2.076E-09	3.294E-06	7.000E+03
2.888E-01	3.155E-02	4.480E-13	8.181E-08	3.210E-03	1.264E-05	1.360E-09	2.745E-06	7.100E+03
2.832E-01	3.605E-02	8.050E-13	8.607E-08	2.406E-03	1.181E-05	8.969E-10	2.283E-06	7.200E+03
2.770E-01	4.097E-02	1.424E-12	8.993E-08	1.809E-03	1.103E-05	5.951E-10	1.895E-06	7.300E+03
2.700E-01	4.633E-02	2.440E-12	9.332E-08	1.365E-03	1.030E-05	3.970E-10	1.569E-06	7.400E+03
2.624E-01	5.211E-02	4.256E-12	9.617E-08	1.032E-03	9.601E-06	2.662E-10	1.295E-06	7.500E+03
2.541E-01	5.831E-02	7.203E-12	9.841E-08	7.824E-04	8.943E-06	1.793E-10	1.066E-06	7.600E+03
2.452E-01	6.492E-02	1.203E-11	9.997E-08	5.940E-04	8.320E-06	1.212E-10	8.738E-07	7.700E+03
2.358E-01	7.191E-02	1.981E-11	1.008E-07	4.516E-04	7.729E-06	8.222E-11	7.133E-07	7.800E+03
2.258E-01	7.925E-02	3.223E-11	1.009E-07	3.436E-04	7.168E-06	5.592E-11	5.795E-07	7.900E+03
2.154E-01	8.688E-02	5.178E-11	1.002E-07	2.616E-04	6.636E-06	3.811E-11	4.683E-07	8.000E+03
1.934E-01	1.028E-01	1.290E-10	9.644E-08	1.515E-04	5.652E-06	1.778E-11	3.005E-07	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.304E-01	5.685E-01	1.121E-02	1.405E-16	4.294E-07	2.165E-07	6.835E-08	2.676E-13
8.600E+03	1.508E-01	5.507E-01	1.544E-02	5.474E-16	4.314E-07	1.708E-07	7.258E-08	2.238E-13
8.800E+03	1.716E-01	5.312E-01	2.105E-02	2.035E-15	4.264E-07	1.347E-07	7.680E-08	1.845E-13
9.000E+03	1.926E-01	5.098E-01	2.839E-02	7.224E-15	4.149E-07	1.059E-07	8.079E-08	1.500E-13
9.200E+03	2.137E-01	4.864E-01	3.782E-02	2.448E-14	3.977E-07	8.281E-08	8.417E-08	1.202E-13
9.400E+03	2.346E-01	4.606E-01	4.964E-02	7.903E-14	3.758E-07	6.421E-08	8.648E-08	9.470E-14
9.600E+03	2.557E-01	4.322E-01	6.402E-02	2.427E-13	3.501E-07	4.918E-08	8.721E-08	7.330E-14
9.800E+03	2.769E-01	4.011E-01	8.094E-02	7.077E-13	3.215E-07	3.706E-08	8.592E-08	5.558E-14
1.000E+04	2.982E-01	3.677E-01	1.002E-01	1.959E-12	2.907E-07	2.738E-08	8.240E-08	4.117E-14
1.020E+04	3.196E-01	3.324E-01	1.212E-01	5.155E-12	2.585E-07	1.977E-08	7.672E-08	2.971E-14
1.040E+04	3.407E-01	2.981E-01	1.435E-01	1.291E-11	2.258E-07	1.392E-08	6.926E-08	2.084E-14
1.060E+04	3.612E-01	2.597E-01	1.662E-01	3.089E-11	1.936E-07	9.554E-09	6.060E-08	1.418E-14
1.080E+04	3.807E-01	2.244E-01	1.885E-01	7.076E-11	1.629E-07	6.385E-09	5.145E-08	9.362E-15
1.100E+04	3.989E-01	1.911E-01	2.097E-01	1.557E-10	1.345E-07	4.161E-09	4.244E-08	5.997E-15
1.120E+04	4.153E-01	1.605E-01	2.293E-01	3.304E-10	1.091E-07	2.649E-09	3.412E-08	3.736E-15
1.140E+04	4.298E-01	1.333E-01	2.469E-01	6.778E-10	8.710E-08	1.653E-09	2.682E-08	2.270E-15
1.160E+04	4.424E-01	1.095E-01	2.622E-01	1.348E-09	6.858E-08	1.015E-09	2.068E-08	1.351E-15
1.180E+04	4.531E-01	8.935E-02	2.753E-01	2.607E-09	5.339E-08	6.151E-10	1.571E-08	7.908E-16
1.200E+04	4.619E-01	7.246E-02	2.862E-01	4.911E-09	4.121E-08	3.697E-10	1.179E-08	4.576E-16
1.220E+04	4.692E-01	5.854E-02	2.953E-01	9.035E-09	3.162E-08	2.212E-10	8.787E-09	2.628E-16
1.240E+04	4.752E-01	4.720E-02	3.027E-01	1.626E-08	2.417E-08	1.321E-10	6.515E-09	1.504E-16
1.260E+04	4.800E-01	3.803E-02	3.086E-01	2.867E-08	1.845E-08	7.905E-11	4.819E-09	8.610E-17
1.280E+04	4.839E-01	3.067E-02	3.134E-01	4.959E-08	1.408E-08	4.748E-11	3.564E-09	4.942E-17
1.300E+04	4.870E-01	2.478E-02	3.172E-01	8.426E-08	1.076E-08	2.868E-11	2.641E-09	2.851E-17
1.320E+04	4.894E-01	2.006E-02	3.203E-01	1.408E-07	8.238E-09	1.744E-11	1.962E-09	1.655E-17
1.340E+04	4.914E-01	1.629E-02	3.227E-01	2.316E-07	6.329E-09	1.070E-11	1.463E-09	9.672E-18
1.360E+04	4.930E-01	1.328E-02	3.247E-01	3.752E-07	4.881E-09	6.617E-12	1.096E-09	5.720E-18
1.380E+04	4.943E-01	1.086E-02	3.262E-01	5.995E-07	3.779E-09	4.131E-12	8.249E-10	3.408E-18
1.400E+04	4.954E-01	8.914E-03	3.275E-01	9.449E-07	2.939E-09	2.604E-12	6.243E-10	2.049E-18
1.420E+04	4.963E-01	7.347E-03	3.285E-01	1.470E-06	2.296E-09	1.657E-12	4.750E-10	1.247E-18
1.440E+04	4.970E-01	6.079E-03	3.292E-01	2.260E-06	1.802E-09	1.064E-12	3.635E-10	7.654E-19
1.460E+04	4.977E-01	5.060E-03	3.298E-01	3.433E-06	1.421E-09	6.902E-13	2.797E-10	4.746E-19
1.480E+04	4.982E-01	4.212E-03	3.303E-01	5.157E-06	1.125E-09	4.518E-13	2.164E-10	2.972E-19
1.500E+04	4.988E-01	3.526E-03	3.306E-01	7.662E-06	8.958E-10	2.985E-13	1.683E-10	1.879E-19
1.520E+04	4.993E-01	2.963E-03	3.308E-01	1.127E-05	7.162E-10	1.990E-13	1.316E-10	1.200E-19
1.540E+04	4.998E-01	2.499E-03	3.309E-01	1.640E-05	5.753E-10	1.338E-13	1.035E-10	7.733E-20
1.560E+04	5.004E-01	2.116E-03	3.309E-01	2.364E-05	4.641E-10	9.078E-14	8.176E-11	5.030E-20
1.580E+04	5.010E-01	1.798E-03	3.309E-01	3.376E-05	3.761E-10	6.208E-14	6.491E-11	3.301E-20
1.600E+04	5.017E-01	1.533E-03	3.306E-01	4.778E-05	3.061E-10	4.280E-14	5.177E-11	2.186E-20
1.620E+04	5.025E-01	1.311E-03	3.303E-01	6.700E-05	2.502E-10	2.974E-14	4.148E-11	1.460E-20
1.640E+04	5.034E-01	1.125E-03	3.298E-01	9.314E-05	2.053E-10	2.082E-14	3.338E-11	9.828E-21
1.660E+04	5.045E-01	9.683E-04	3.292E-01	1.284E-04	1.692E-10	1.468E-14	2.696E-11	6.672E-21
1.680E+04	5.058E-01	8.360E-04	3.285E-01	1.755E-04	1.400E-10	1.043E-14	2.187E-11	4.565E-21
1.700E+04	5.073E-01	7.239E-04	3.275E-01	2.379E-04	1.163E-10	7.456E-15	1.780E-11	3.148E-21
1.720E+04	5.090E-01	6.286E-04	3.264E-01	3.200E-04	9.698E-11	5.366E-15	1.454E-11	2.187E-21
1.740E+04	5.110E-01	5.474E-04	3.250E-01	4.271E-04	8.118E-11	3.886E-15	1.111E-11	1.530E-21
1.760E+04	5.132E-01	4.778E-04	3.235E-01	5.655E-04	6.819E-11	2.831E-15	7.793E-12	1.078E-21
1.780E+04	5.157E-01	4.182E-04	3.217E-01	7.433E-04	5.749E-11	2.074E-15	8.072E-12	7.645E-22
1.800E+04	5.184E-01	3.668E-04	3.197E-01	9.699E-04	4.862E-11	1.528E-15	6.671E-12	5.457E-22
1.820E+04	5.214E-01	3.224E-04	3.175E-01	1.257E-03	4.125E-11	1.131E-15	5.527E-12	3.918E-22
1.840E+04	5.246E-01	2.841E-04	3.150E-01	1.617E-03	3.510E-11	8.419E-16	4.590E-12	2.829E-22
1.860E+04	5.279E-01	2.507E-04	3.124E-01	2.068E-03	2.995E-11	6.293E-16	3.820E-12	2.054E-22
1.880E+04	5.314E-01	2.217E-04	3.096E-01	2.628E-03	2.561E-11	4.724E-16	3.185E-12	1.498E-22
1.900E+04	5.349E-01	1.964E-04	3.066E-01	3.319E-03	2.195E-11	3.560E-16	2.661E-12	1.097E-22
1.920E+04	5.385E-01	1.742E-04	3.034E-01	4.169E-03	1.886E-11	2.693E-16	2.226E-12	8.072E-23
1.940E+04	5.420E-01	1.547E-04	3.000E-01	5.206E-03	1.622E-11	2.043E-16	1.866E-12	5.959E-23
1.960E+04	5.456E-01	1.376E-04	2.963E-01	6.466E-03	1.398E-11	1.555E-16	1.565E-12	4.412E-23
1.980E+04	5.491E-01	1.225E-04	2.925E-01	7.988E-03	1.206E-11	1.186E-16	1.314E-12	3.276E-23
2.000E+04	5.526E-01	1.091E-04	2.884E-01	9.815E-03	1.041E-11	9.064E-17	1.103E-12	2.438E-23
2.020E+04	5.560E-01	9.725E-05	2.839E-01	1.199E-02	8.997E-12	6.936E-17	9.259E-13	1.817E-23
2.040E+04	5.594E-01	8.668E-05	2.791E-01	1.457E-02	7.777E-12	5.312E-17	7.767E-13	1.355E-23
2.060E+04	5.628E-01	7.725E-05	2.738E-01	1.760E-02	6.724E-12	4.069E-17	6.506E-13	1.011E-23
2.080E+04	5.662E-01	6.882E-05	2.690E-01	2.112E-02	5.812E-12	3.115E-17	5.438E-13	7.547E-24
2.100E+04	5.696E-01	6.125E-05	2.617E-01	2.519E-02	5.021E-12	2.381E-17	4.532E-13	5.625E-24
2.120E+04	5.731E-01	5.444E-05	2.547E-01	2.984E-02	4.334E-12	1.816E-17	3.763E-13	4.185E-24
2.140E+04	5.767E-01	4.831E-05	2.470E-01	3.509E-02	3.737E-12	1.381E-17	3.110E-13	3.106E-24
2.160E+04	5.804E-01	4.278E-05	2.387E-01	4.096E-02	3.216E-12	1.047E-17	2.557E-13	2.297E-24
2.180E+04	5.843E-01	3.779E-05	2.297E-01	4.743E-02	2.763E-12	7.891E-18	2.089E-13	1.692E-24
2.200E+04	5.882E-01	3.329E-05	2.200E-01	5.449E-02	2.367E-12	5.918E-18	1.695E-13	1.240E-24
2.220E+04	5.923E-01	2.923E-05	2.097E-01	6.209E-02	2.023E-12	4.412E-18	1.365E-13	9.036E-25
2.240E+04	5.964E-01	2.588E-05	1.989E-01	7.015E-02	1.723E-12	3.267E-18	1.090E-13	6.542E-25
2.260E+04	6.007E-01	2.229E-05	1.876E-01	7.860E-02	1.462E-12	2.401E-18	8.631E-14	4.705E-25
2.280E+04	6.049E-01	1.936E-05	1.760E-01	8.733E-02	1.237E-12	1.752E-18	6.774E-14	3.358E-25
2.300E+04	6.092E-01	1.674E-05	1.643E-01	9.623E-02	1.042E-12	1.268E-18	5.268E-14	2.379E-25
2.320E+04	6.135E-01	1.442E-05	1.525E-01	1.052E-01	8.743E-13	9.100E-19	4.060E-14	1.672E-25
2.340E+04	6.177E-01	1.236E-05	1.408E-01	1.141E-01	7.307E-13	6.481E-19	3.102E-14	1.166E-25
2.360E+04	6.217E-01	1.086E-05	1.294E-01	1.228E-01	6.083E-13	4.581E-19	2.349E-14	8.068E-26
2.380E+04	6.256E-01	8.990E-06	1.183E-01	1.313E-01	5.044E-13	3.214E-19	1.765E-14	5.542E-26
2.400E+04	6.293E-01	7.625E-06	1.077E-01	1.394E-01	4.167E-13	2.240E-19	1.316E-14	3.781E-26
2.420E+04	6.328E-01	6.446E-06	9.768E-02	1.471E-01	3.431E-13	1.551E-19	9.745E-15	2.562E-26
2.440E+04	6.361E-01	5.434E-06	8.825E-02	1.543E-01	2.817E-13	1.068E-19	7.171E-15	1.727E-26
2.460E+04	6.392E-01	4.569E-06	7.946E-02	1.611E-01	2.306E-13	7.318E-20	5.248E-15	1.158E-26
2.480E+04	6.420E-01	3.884E-06	7.135E-02	1.673E-01	1.883E-13	4.994E-20	3.822E-15	7.731E-27
2.500E+04	6.446E-01	3.211E-06	6.391E-02	1.730E-01	1.535E-13	3.396E-20	2.773E-15	5.144E-27

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR



Table II. - Continued.

C	C+	C++	C-	CU	CO+	CO2	C2	T
1.706E-01	1.192E-01	3.071E-10	8.990E-08	8.760E-05	4.769E-06	8.325E-12	1.879E-07	8.400E+03
1.477E-01	1.354E-01	6.999E-10	8.115E-08	5.041E-05	3.981E-06	3.898E-12	1.143E-07	8.600E+03
1.255E-01	1.506E-01	1.530E-09	7.102E-08	2.884E-05	3.284E-06	1.820E-12	6.765E-08	8.800E+03
1.049E-01	1.643E-01	3.214E-09	6.043E-08	1.640E-05	2.674E-06	8.468E-13	3.901E-08	9.000E+03
8.628E-02	1.758E-01	6.491E-09	5.018E-08	9.260E-06	2.149E-06	3.916E-13	2.199E-08	9.200E+03
7.011E-02	1.850E-01	1.262E-08	4.086E-08	5.198E-06	1.702E-06	1.797E-13	1.219E-08	9.400E+03
5.643E-02	1.917E-01	2.368E-08	3.278E-08	2.901E-06	1.329E-06	8.177E-14	6.668E-09	9.600E+03
4.511E-02	1.959E-01	4.296E-08	2.602E-08	1.610E-06	1.021E-06	3.679E-14	3.623E-09	9.800E+03
3.589E-02	1.980E-01	7.554E-08	2.050E-08	8.887E-07	7.735E-07	1.634E-14	1.963E-09	1.000E+04
2.848E-02	1.983E-01	1.292E-07	1.605E-08	4.877E-07	5.771E-07	7.150E-15	1.063E-09	1.020E+04
2.256E-02	1.972E-01	2.157E-07	1.251E-08	2.660E-07	4.244E-07	3.078E-15	5.772E-10	1.040E+04
1.77E-02	1.951E-01	3.527E-07	9.713E-09	1.442E-07	3.080E-07	1.302E-15	3.146E-10	1.060E+04
1.415E-02	1.923E-01	5.667E-07	7.513E-09	7.773E-08	2.209E-07	5.417E-16	1.724E-10	1.080E+04
1.122E-02	1.892E-01	8.974E-07	5.791E-09	4.170E-08	1.568E-07	2.218E-16	9.512E-11	1.100E+04
8.913E-03	1.860E-01	1.404E-06	4.453E-09	2.230E-08	1.105E-07	8.965E-17	5.290E-11	1.120E+04
7.100E-03	1.830E-01	2.173E-06	3.419E-09	1.191E-08	7.738E-08	3.588E-17	2.970E-11	1.140E+04
5.675E-03	1.802E-01	3.334E-06	2.623E-09	6.369E-09	5.402E-08	1.427E-17	1.685E-11	1.160E+04
4.555E-03	1.776E-01	5.070E-06	2.013E-09	3.417E-09	3.767E-08	5.669E-18	9.676E-12	1.180E+04
3.672E-03	1.757E-01	7.647E-06	1.548E-09	1.844E-09	2.630E-08	2.257E-18	5.624E-12	1.200E+04
2.975E-03	1.739E-01	1.144E-05	1.192E-09	1.002E-09	1.840E-08	9.046E-19	3.311E-12	1.220E+04
2.422E-03	1.725E-01	1.698E-05	9.218E-10	5.498E-10	1.293E-08	3.659E-19	1.975E-12	1.240E+04
1.982E-03	1.713E-01	2.498E-05	7.153E-10	3.049E-10	9.135E-09	1.495E-19	1.194E-12	1.260E+04
1.631E-03	1.704E-01	3.643E-05	5.573E-10	1.710E-10	6.491E-09	6.225E-20	7.307E-13	1.280E+04
1.348E-03	1.696E-01	5.269E-05	4.362E-10	9.706E-11	4.642E-09	2.627E-20	4.530E-13	1.300E+04
1.120E-03	1.690E-01	7.554E-05	3.430E-10	5.579E-11	3.342E-09	1.127E-20	2.842E-13	1.320E+04
9.349E-04	1.685E-01	1.074E-04	2.710E-10	3.248E-11	2.424E-09	4.923E-21	1.805E-13	1.340E+04
7.841E-04	1.680E-01	1.513E-04	2.151E-10	1.915E-11	1.770E-09	2.188E-21	1.159E-13	1.360E+04
6.606E-04	1.677E-01	2.114E-04	1.716E-10	1.144E-11	1.302E-09	9.901E-22	7.528E-14	1.380E+04
5.589E-04	1.673E-01	2.929E-04	1.375E-10	6.916E-12	9.640E-10	4.561E-22	4.940E-14	1.400E+04
4.748E-04	1.670E-01	4.025E-04	1.107E-10	4.233E-12	7.188E-10	2.138E-22	3.274E-14	1.420E+04
4.050E-04	1.667E-01	5.487E-04	8.949E-11	2.622E-12	5.395E-10	1.019E-22	2.191E-14	1.440E+04
3.467E-04	1.664E-01	7.421E-04	7.266E-11	1.642E-12	4.075E-10	4.942E-23	1.479E-14	1.460E+04
2.978E-04	1.660E-01	9.958E-04	5.923E-11	1.041E-12	3.097E-10	2.435E-23	1.007E-14	1.480E+04
2.567E-04	1.655E-01	1.326E-03	4.848E-11	6.662E-13	2.367E-10	1.219E-23	6.915E-15	1.500E+04
2.219E-04	1.649E-01	1.752E-03	3.982E-11	4.309E-13	1.819E-10	6.194E-24	4.781E-15	1.520E+04
1.924E-04	1.642E-01	2.298E-03	3.281E-11	2.815E-13	1.405E-10	3.193E-24	3.329E-15	1.540E+04
1.672E-04	1.634E-01	2.991E-03	2.712E-11	1.855E-13	1.090E-10	1.669E-24	2.332E-15	1.560E+04
1.456E-04	1.623E-01	3.864E-03	2.248E-11	1.233E-13	8.497E-11	8.838E-25	1.642E-15	1.580E+04
1.271E-04	1.610E-01	4.952E-03	1.868E-11	8.267E-14	6.647E-11	4.739E-25	1.162E-15	1.600E+04
1.110E-04	1.594E-01	6.296E-03	1.556E-11	5.582E-14	5.216E-11	2.571E-25	8.243E-16	1.620E+04
9.710E-05	1.575E-01	7.939E-03	1.298E-11	3.795E-14	4.104E-11	1.410E-25	5.856E-16	1.640E+04
8.489E-05	1.552E-01	9.927E-03	1.084E-11	2.595E-14	3.236E-11	7.808E-26	4.191E-16	1.660E+04
7.436E-05	1.524E-01	1.230E-02	9.058E-12	1.785E-14	2.555E-11	4.365E-26	2.992E-16	1.680E+04
6.501E-05	1.491E-01	1.511E-02	7.572E-12	1.233E-14	2.018E-11	2.460E-26	2.136E-16	1.700E+04
5.679E-05	1.452E-01	1.838E-02	6.328E-12	8.550E-15	1.595E-11	1.397E-26	1.522E-16	1.720E+04
4.952E-05	1.408E-01	2.214E-02	5.283E-12	5.947E-15	1.259E-11	7.985E-27	1.081E-16	1.740E+04
4.309E-05	1.358E-01	2.640E-02	4.465E-12	4.146E-15	9.931E-12	4.585E-27	7.655E-17	1.760E+04
3.738E-05	1.303E-01	3.114E-02	3.665E-12	2.895E-15	7.816E-12	2.650E-27	5.391E-17	1.780E+04
3.233E-05	1.242E-01	3.633E-02	3.041E-12	2.023E-15	6.135E-12	1.538E-27	3.773E-17	1.800E+04
2.785E-05	1.176E-01	4.192E-02	2.516E-12	1.414E-15	4.801E-12	8.928E-28	2.622E-17	1.820E+04
2.389E-05	1.104E-01	4.785E-02	2.074E-12	9.879E-16	3.744E-12	5.202E-28	1.808E-17	1.840E+04
2.041E-05	1.033E-01	5.401E-02	1.703E-12	6.896E-16	2.909E-12	3.036E-28	1.236E-17	1.860E+04
1.735E-05	9.588E-02	6.032E-02	1.393E-12	4.807E-16	2.251E-12	1.774E-28	8.381E-18	1.880E+04
1.468E-05	8.837E-02	6.666E-02	1.134E-12	3.346E-16	1.735E-12	1.037E-28	5.631E-18	1.900E+04
1.237E-05	8.091E-02	7.292E-02	9.197E-13	2.320E-16	1.331E-12	6.070E-29	3.751E-18	1.920E+04
1.038E-05	7.363E-02	7.902E-02	7.426E-13	1.613E-16	1.018E-12	3.552E-29	2.478E-18	1.940E+04
8.673E-06	6.662E-02	8.485E-02	5.974E-13	1.118E-16	7.753E-13	2.079E-29	1.624E-18	1.960E+04
7.221E-06	5.995E-02	9.034E-02	4.788E-13	7.731E-17	5.885E-13	1.217E-29	1.058E-18	1.980E+04
5.993E-06	5.369E-02	9.545E-02	3.826E-13	5.338E-17	4.452E-13	7.121E-30	6.844E-19	2.000E+04
4.961E-06	4.788E-02	1.001E-01	3.049E-13	3.685E-17	3.358E-13	4.167E-30	4.406E-19	2.020E+04
4.098E-06	4.254E-02	1.043E-01	2.425E-13	2.541E-17	2.526E-13	2.438E-30	2.822E-19	2.040E+04
3.379E-06	3.768E-02	1.081E-01	1.926E-13	1.750E-17	1.895E-13	1.426E-30	1.807E-19	2.060E+04
2.784E-06	3.328E-02	1.113E-01	1.528E-13	1.205E-17	1.418E-13	8.332E-31	1.153E-19	2.080E+04
2.292E-06	2.933E-02	1.141E-01	1.212E-13	8.293E-18	1.059E-13	4.865E-31	7.343E-20	2.100E+04
1.887E-06	2.581E-02	1.165E-01	9.615E-14	5.704E-18	7.890E-14	2.837E-31	4.687E-20	2.120E+04
1.554E-06	2.268E-02	1.184E-01	7.632E-14	3.921E-18	5.864E-14	1.652E-31	2.991E-20	2.140E+04
1.280E-06	1.992E-02	1.199E-01	6.063E-14	2.694E-18	4.348E-14	9.596E-32	1.910E-20	2.160E+04
1.056E-06	1.748E-02	1.211E-01	4.823E-14	1.849E-18	3.216E-14	5.559E-32	1.224E-20	2.180E+04
8.720E-07	1.533E-02	1.219E-01	3.843E-14	1.268E-18	2.573E-14	3.209E-32	7.861E-21	2.200E+04
7.211E-07	1.345E-02	1.225E-01	3.067E-14	8.690E-19	1.746E-14	1.846E-32	5.063E-21	2.220E+04
5.973E-07	1.180E-02	1.227E-01	2.452E-14	5.947E-19	1.281E-14	1.057E-32	3.272E-21	2.240E+04
4.956E-07	1.035E-02	1.228E-01	1.965E-14	4.064E-19	9.373E-15	6.026E-33	2.122E-21	2.260E+04
4.119E-07	9.094E-03	1.226E-01	1.577E-14	2.773E-19	6.838E-15	3.417E-33	1.382E-21	2.280E+04
3.431E-07	7.992E-03	1.223E-01	1.269E-14	1.889E-19	4.974E-15	1.928E-33	9.032E-22	2.300E+04
2.862E-07	7.030E-03	1.218E-01	1.022E-14	1.285E-19	3.609E-15	1.082E-33	5.928E-22	2.320E+04
2.393E-07	6.190E-03	1.213E-01	8.255E-15	8.725E-20	2.611E-15	6.040E-34	3.906E-22	2.340E+04
2.004E-07	5.456E-03	1.206E-01	6.678E-15	5.917E-20	1.885E-15	3.355E-34	2.585E-22	2.360E+04
1.682E-07	4.816E-03	1.200E-01	5.413E-15	4.008E-20	1.358E-15	1.855E-34	1.718E-22	2.380E+04
1.415E-07	4.256E-03	1.193E-01	4.376E-15	2.712E-20	9.764E-16	1.022E-34	1.146E-22	2.400E+04
1.192E-07	3.767E-03	1.186E-01	3.576E-15	1.834E-20	7.011E-16	5.606E-35	7.684E-23	2.420E+04
1.007E-07	3.339E-03	1.179E-01	2.914E-15	1.240E-20	5.029E-16	3.067E-35	5.173E-23	2.440E+04
8.521E-08	2.964E-03	1.173E-01	2.340E-15	8.379E-21	3.605E-16	1.675E-35	3.497E-23	2.460E+04
7.225E-08	2.635E-03	1.167E-01	1.947E-15	5.666E-21	2.584E-16	9.137E-36	2.375E-23	2.480E+04
6.139E-08	2.347E-03	1.161E-01	1.588E-15	3.835E-21	1.852E-16	4.976E-36	1.620E-23	2.500E+04



Table II. - Continued.

P/PO = 6.00E-03

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.438E-11	1.760E-18	0.
2.000E+02	0.	9.787E-67	0.	0.	0.	5.067E-11	1.760E-18	0.
3.000E+02	0.	4.618E-45	4.046E-79	0.	0.	5.656E-11	1.760E-18	0.
4.000E+02	0.	3.183E-34	1.079E-61	0.	0.	5.008E-11	1.760E-18	0.
5.000E+02	0.	1.065E-27	3.086E-51	0.	0.	4.998E-11	1.760E-18	0.
6.000E+02	1.834E-91	2.452E-23	2.972E-44	0.	0.	4.943E-11	1.760E-18	0.
7.000E+02	1.138E-76	3.956E-20	2.416E-39	0.	8.575E-89	7.268E-11	1.760E-18	1.470E-82
8.000E+02	2.845E-44	4.463E-17	2.680E-36	0.	8.182E-75	1.869E-09	1.760E-18	8.659E-70
9.000E+02	2.380E-54	1.443E-14	4.650E-34	0.	1.536E-63	4.303E-08	1.760E-18	2.511E-59
1.000E+03	2.140E-46	1.484E-12	2.880E-32	0.	1.634E-54	5.344E-07	1.760E-18	6.018E-51
1.100E+03	7.025E-40	6.591E-11	8.472E-31	0.	3.966E-47	4.189E-06	1.760E-18	4.298E-44
1.200E+03	1.918E-34	1.588E-09	1.425E-29	0.	5.657E-41	2.324E-05	1.760E-18	2.207E-38
1.300E+03	7.767E-30	2.268E-08	1.559E-28	0.	9.100E-36	9.886E-05	1.760E-18	1.486E-33
1.400E+03	6.974E-26	2.252E-07	1.215E-27	0.	2.636E-31	3.411E-04	1.760E-18	2.037E-29
1.500E+03	1.877E-22	1.648E-06	7.220E-27	0.	1.935E-27	9.951E-04	1.759E-18	7.813E-26
1.600E+03	1.727E-19	9.393E-06	3.788E-26	0.	4.235E-24	2.530E-03	1.929E-18	9.654E-23
1.700E+03	1.138E-17	4.365E-05	1.030E-24	0.	5.926E-22	9.729E-03	1.313E-17	8.127E-21
1.800E+03	1.833E-16	1.687E-04	5.000E-23	0.	1.845E-20	1.174E-02	1.853E-16	1.602E-19
1.900E+03	2.079E-15	5.693E-04	1.713E-21	0.	3.719E-19	2.200E-02	2.083E-15	2.123E-18
2.000E+03	1.830E-14	1.676E-03	4.153E-20	0.	5.406E-18	3.795E-02	1.833E-14	2.105E-17
2.100E+03	1.294E-13	4.393E-03	7.462E-19	1.586E-85	4.901E-17	6.038E-02	1.296E-13	1.597E-16
2.200E+03	7.530E-13	1.085E-02	1.034E-17	2.869E-81	4.973E-16	8.858E-02	7.544E-13	9.477E-16
2.300E+03	3.675E-12	2.207E-02	1.142E-16	2.282E-77	3.304E-15	1.195E-01	3.682E-12	4.456E-13
2.400E+03	1.527E-11	4.266E-02	1.039E-15	8.904E-74	1.758E-14	1.478E-01	1.530E-11	1.673E-14
2.500E+03	5.463E-11	7.604E-02	7.927E-15	1.870E-70	7.577E-14	1.667E-01	5.473E-11	5.040E-14
2.600E+03	1.700E-10	1.286E-01	5.184E-14	2.286E-67	2.672E-13	1.709E-01	1.702E-10	1.222E-13
2.700E+03	4.640E-10	1.847E-01	2.956E-13	1.736E-64	7.768E-13	1.584E-01	4.642E-10	2.391E-13
2.800E+03	1.118E-09	2.589E-01	1.490E-12	8.710E-62	1.874E-12	1.324E-01	1.117E-09	3.781E-13
2.900E+03	2.401E-09	3.225E-01	6.727E-12	3.027E-59	3.792E-12	9.993E-02	2.389E-09	4.872E-13
3.000E+03	4.647E-09	3.813E-01	2.746E-11	7.511E-57	6.550E-12	6.873E-02	4.594E-09	5.225E-13
3.100E+03	8.259E-09	4.283E-01	1.022E-10	1.361E-54	9.950E-12	4.402E-02	8.051E-09	4.844E-13
3.200E+03	1.378E-08	4.547E-01	3.480E-10	1.824E-52	1.380E-11	2.699E-02	1.306E-08	4.079E-13
3.300E+03	2.211E-08	4.729E-01	1.086E-09	1.824E-50	1.813E-11	1.627E-02	1.984E-08	3.275E-13
3.400E+03	3.487E-08	4.837E-01	3.100E-09	1.343E-48	2.330E-11	9.811E-03	2.831E-08	2.611E-13
3.500E+03	5.517E-08	4.901E-01	8.044E-09	7.264E-47	3.009E-11	5.991E-03	3.789E-08	2.131E-13
3.600E+03	8.979E-08	4.988E-01	1.592E-08	2.890E-45	3.969E-11	3.724E-03	4.745E-08	1.814E-13
3.700E+03	1.440E-07	4.961E-01	4.050E-08	8.584E-44	5.382E-11	2.362E-03	5.579E-08	1.621E-13
3.800E+03	2.138E-07	4.975E-01	7.987E-08	1.965E-42	7.466E-11	1.530E-03	6.225E-08	1.512E-13
3.900E+03	4.098E-07	4.983E-01	1.474E-07	3.596E-41	1.049E-10	1.011E-03	6.681E-08	1.457E-13
4.000E+03	6.875E-07	4.989E-01	2.577E-07	5.440E-40	1.482E-10	6.815E-04	6.979E-08	1.437E-13
4.100E+03	1.145E-06	4.993E-01	4.311E-07	6.968E-39	2.092E-10	4.680E-04	7.146E-08	1.442E-13
4.200E+03	1.893E-06	4.995E-01	6.930E-07	7.670E-38	2.949E-10	3.270E-04	7.195E-08	1.467E-13
4.300E+03	3.111E-06	4.997E-01	1.072E-06	7.309E-37	4.157E-10	2.323E-04	7.123E-08	1.516E-13
4.400E+03	5.105E-06	5.000E-01	1.595E-06	6.046E-36	5.883E-10	1.676E-04	6.917E-08	1.595E-13
4.500E+03	8.399E-06	5.002E-01	2.277E-06	4.343E-35	8.395E-10	1.227E-04	6.569E-08	1.716E-13
4.600E+03	1.390E-05	5.007E-01	3.117E-06	2.717E-34	1.212E-09	9.114E-05	6.092E-08	1.890E-13
4.700E+03	2.316E-05	5.015E-01	4.103E-06	1.491E-33	1.769E-09	6.863E-05	5.524E-08	2.132E-13
4.800E+03	3.872E-05	5.027E-01	5.220E-06	7.281E-33	2.606E-09	5.241E-05	4.921E-08	2.456E-13
4.900E+03	6.462E-05	5.048E-01	6.469E-06	3.218E-32	3.855E-09	4.060E-05	4.340E-08	2.875E-13
5.000E+03	1.069E-04	5.081E-01	7.879E-06	1.314E-31	5.692E-09	3.194E-05	3.822E-08	3.399E-13
5.100E+03	1.744E-04	5.131E-01	9.518E-06	5.054E-31	8.338E-09	2.554E-05	3.392E-08	4.037E-13
5.200E+03	2.787E-04	5.204E-01	1.150E-05	1.865E-30	1.206E-08	2.079E-05	3.061E-08	4.795E-13
5.300E+03	4.339E-04	5.303E-01	1.399E-05	6.700E-30	1.714E-08	1.724E-05	2.827E-08	5.669E-13
5.400E+03	6.563E-04	5.428E-01	1.722E-05	2.372E-29	2.383E-08	1.454E-05	2.681E-08	6.640E-13
5.500E+03	9.622E-04	5.575E-01	2.148E-05	8.329E-29	3.234E-08	1.245E-05	2.613E-08	7.667E-13
5.600E+03	1.367E-03	5.734E-01	2.714E-05	2.909E-28	4.271E-08	1.076E-05	2.608E-08	8.689E-13
5.700E+03	1.885E-03	5.893E-01	3.467E-05	1.010E-27	5.485E-08	9.362E-06	2.654E-08	9.630E-13
5.800E+03	2.528E-03	6.043E-01	4.462E-05	3.470E-27	6.851E-08	8.157E-06	2.737E-08	1.042E-12
5.900E+03	3.307E-03	6.173E-01	5.766E-05	1.176E-26	8.339E-08	7.099E-06	2.848E-08	1.101E-12
6.000E+03	4.235E-03	6.279E-01	7.460E-05	3.918E-26	9.916E-08	6.164E-06	2.972E-08	1.138E-12
6.100E+03	5.325E-03	6.362E-01	9.640E-05	1.277E-25	1.156E-07	5.340E-06	3.120E-08	1.155E-12
6.200E+03	6.595E-03	6.423E-01	1.242E-04	4.064E-25	1.325E-07	4.618E-06	3.271E-08	1.154E-12
6.300E+03	8.063E-03	6.485E-01	1.594E-04	1.259E-24	1.499E-07	3.991E-06	3.428E-08	1.140E-12
6.400E+03	9.754E-03	6.493E-01	2.035E-04	3.798E-24	1.676E-07	3.449E-06	3.590E-08	1.115E-12
6.500E+03	1.169E-02	6.508E-01	2.585E-04	1.114E-23	1.857E-07	2.984E-06	3.756E-08	1.084E-12
6.600E+03	1.390E-02	6.513E-01	3.266E-04	3.179E-23	2.042E-07	2.585E-06	3.925E-08	1.048E-12
6.700E+03	1.640E-02	6.511E-01	4.104E-04	8.828E-23	2.230E-07	2.244E-06	4.098E-08	1.010E-12
6.800E+03	1.923E-02	6.502E-01	5.128E-04	2.387E-22	2.421E-07	1.952E-06	4.273E-08	9.697E-13
6.900E+03	2.241E-02	6.488E-01	6.374E-04	6.290E-22	2.615E-07	1.702E-06	4.451E-08	9.288E-13
7.000E+03	2.597E-02	6.468E-01	7.882E-04	1.617E-21	2.810E-07	1.487E-06	4.631E-08	8.876E-13
7.100E+03	2.993E-02	6.444E-01	9.698E-04	4.059E-21	3.006E-07	1.302E-06	4.815E-08	8.464E-13
7.200E+03	3.432E-02	6.416E-01	1.188E-03	9.957E-21	3.201E-07	1.143E-06	5.000E-08	8.056E-13
7.300E+03	3.915E-02	6.384E-01	1.448E-03	2.390E-20	3.394E-07	1.005E-06	5.189E-08	7.651E-13
7.400E+03	4.444E-02	6.347E-01	1.757E-03	5.620E-20	3.584E-07	8.850E-07	5.380E-08	7.252E-13
7.500E+03	5.020E-02	6.307E-01	2.124E-03	1.295E-19	3.767E-07	7.808E-07	5.574E-08	6.859E-13
7.600E+03	5.643E-02	6.262E-01	2.558E-03	2.929E-19	3.944E-07	6.899E-07	5.771E-08	6.472E-13
7.700E+03	6.315E-02	6.212E-01	3.069E-03	6.507E-19	4.111E-07	6.104E-07	5.971E-08	6.093E-13
7.800E+03	7.034E-02	6.189E-01	3.671E-03	1.421E-18	4.267E-07	5.407E-07	6.173E-08	5.721E-13
7.900E+03	7.799E-02	6.102E-01	4.374E-03	3.053E-18	4.411E-07	4.795E-07	6.380E-08	5.358E-13
8.000E+03	8.607E-02	6.040E-01	5.198E-03	6.459E-18	4.540E-07	4.256E-07	6.589E-08	5.004E-13
8.200E+03	1.035E-01	5.903E-01	7.279E-03	2.768E-17	4.749E-07	3.340E-07	7.019E-08	4.327E-13

Table II. - Continued.

P/P0 = 6.00E-03

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	8.070E-64	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.004E-39	1.694E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.803E-27	7.593E-59	1.000E+00	0.	4.000E+02
2.785E-96	0.	0.	0.	1.733E-19	1.715E-46	1.000E+00	0.	5.000E+02
6.511E-77	6.666E-78	0.	0.	1.513E-14	3.021E-38	1.000E+00	0.	6.000E+02
3.054E-63	2.369E-65	0.	0.	4.198E-11	1.299E-32	1.000E+00	5.919E-90	7.000E+02
2.468E-54	1.673E-58	0.	0.	3.642E-09	2.576E-30	1.000E+00	1.524E-77	8.000E+02
1.491E-47	1.051E-53	0.	9.722E-98	8.597E-08	6.289E-29	1.000E+00	2.021E-68	9.000E+02
3.492E-42	7.162E-50	0.	3.111E-85	1.069E-06	7.958E-28	1.000E+00	3.930E-61	1.000E+03
8.671E-38	9.861E-47	0.	5.307E-75	8.378E-06	6.348E-27	1.000E+00	3.618E-55	1.100E+03
3.999E-34	4.094E-44	0.	1.784E-66	4.649E-05	3.585E-26	9.999E-01	3.382E-50	1.200E+03
5.049E-31	6.758E-42	0.	2.925E-59	1.977E-04	1.552E-25	9.997E-01	5.438E-46	1.300E+03
2.302E-28	5.402E-40	0.	4.464E-53	6.825E-04	5.450E-25	9.990E-01	2.193E-42	1.400E+03
4.647E-26	2.418E-38	2.572E-95	1.019E-47	1.992E-03	1.620E-24	9.970E-01	2.923E-39	1.500E+03
4.834E-24	7.402E-37	1.325E-91	4.519E-43	5.065E-03	4.613E-24	9.924E-01	1.584E-36	1.600E+03
2.911E-22	9.603E-35	9.959E-87	9.009E-40	1.150E-02	7.301E-23	9.827E-01	4.082E-34	1.700E+03
1.110E-20	1.867E-32	1.437E-81	2.940E-37	2.365E-02	2.184E-21	9.644E-01	5.654E-32	1.800E+03
2.877E-19	2.230E-30	6.761E-77	4.994E-35	4.458E-02	4.808E-20	9.328E-01	4.626E-30	1.900E+03
5.358E-18	1.648E-28	1.116E-72	4.904E-33	7.758E-02	7.828E-19	8.828E-01	2.409E-28	2.000E+03
7.495E-17	8.353E-27	7.518E-69	3.033E-31	1.252E-01	9.683E-18	8.101E-01	8.473E-27	2.100E+03
8.166E-16	2.967E-25	2.351E-65	1.248E-29	1.875E-01	9.454E-17	7.136E-01	2.111E-25	2.200E+03
7.143E-15	7.449E-24	3.815E-62	3.573E-28	2.611E-01	7.505E-16	5.973E-01	3.882E-24	2.300E+03
5.151E-14	1.609E-22	3.532E-59	7.388E-27	3.384E-01	4.955E-15	4.709E-01	5.460E-23	2.400E+03
3.141E-13	2.645E-21	2.028E-56	1.141E-25	4.095E-01	2.789E-14	3.476E-01	6.090E-22	2.500E+03
1.660E-12	3.749E-20	7.792E-54	1.359E-24	4.654E-01	1.369E-13	2.402E-01	5.597E-21	2.600E+03
7.802E-12	4.554E-19	2.148E-51	1.288E-23	5.015E-01	6.032E-13	1.554E-01	4.417E-20	2.700E+03
3.348E-11	5.000E-18	4.505E-49	1.002E-22	5.188E-01	2.436E-12	9.491E-02	3.126E-19	2.800E+03
1.344E-10	5.094E-17	7.604E-47	6.605E-22	5.223E-01	9.241E-12	5.527E-02	2.065E-18	2.900E+03
5.131E-10	4.905E-16	1.063E-44	3.791E-21	5.188E-01	3.346E-11	3.116E-02	1.311E-17	3.000E+03
1.879E-09	4.464E-15	1.239E-42	1.941E-20	5.134E-01	1.162E-10	1.732E-02	8.067E-17	3.100E+03
6.580E-09	3.781E-14	1.179E-40	9.039E-20	5.087E-01	3.848E-10	9.645E-03	4.769E-16	3.200E+03
2.193E-08	2.920E-13	8.930E-39	3.894E-19	5.054E-01	1.201E-09	5.450E-03	2.667E-15	3.300E+03
6.925E-08	2.016E-12	5.239E-37	1.579E-18	5.033E-01	3.480E-09	3.147E-03	1.394E-14	3.400E+03
2.068E-07	1.225E-11	2.331E-35	6.135E-18	5.021E-01	9.252E-09	1.863E-03	6.761E-14	3.500E+03
5.850E-07	6.506E-11	7.794E-34	2.315E-17	5.013E-01	2.239E-08	1.131E-03	3.040E-13	3.600E+03
1.570E-06	3.029E-10	1.977E-32	8.538E-17	5.008E-01	4.942E-08	7.041E-04	1.269E-12	3.700E+03
4.009E-06	1.252E-09	3.909E-31	3.068E-16	5.005E-01	1.005E-07	4.490E-04	4.938E-12	3.800E+03
9.772E-06	4.669E-09	6.243E-30	1.066E-15	5.003E-01	1.911E-07	2.928E-04	1.797E-11	3.900E+03
2.281E-05	1.537E-08	8.312E-29	5.564E-15	5.002E-01	3.442E-07	1.951E-04	6.141E-11	4.000E+03
5.111E-05	5.059E-08	9.437E-28	1.143E-14	5.001E-01	5.925E-07	1.325E-04	1.979E-10	4.100E+03
1.103E-04	1.495E-07	9.265E-27	3.522E-14	5.000E-01	9.790E-07	9.172E-05	6.039E-10	4.200E+03
2.297E-04	4.136E-07	7.921E-26	1.047E-13	4.997E-01	1.555E-06	6.456E-05	1.750E-09	4.300E+03
4.626E-04	1.071E-06	5.905E-25	3.020E-13	4.994E-01	2.370E-06	4.617E-05	4.831E-09	4.400E+03
9.029E-04	2.596E-06	3.839E-24	8.503E-13	4.987E-01	3.462E-06	3.350E-05	1.273E-08	4.500E+03
1.710E-03	5.887E-06	2.180E-23	2.348E-12	4.974E-01	4.839E-06	2.463E-05	3.210E-08	4.600E+03
3.144E-03	1.252E-05	1.087E-22	6.359E-12	4.953E-01	6.480E-06	1.833E-05	7.742E-08	4.700E+03
5.612E-03	2.511E-05	4.814E-22	1.685E-11	4.915E-01	8.344E-06	1.378E-05	1.785E-07	4.800E+03
9.719E-03	4.772E-05	1.922E-21	4.340E-11	4.853E-01	1.039E-05	1.044E-05	3.923E-07	4.900E+03
1.629E-02	8.647E-05	7.020E-21	1.077E-10	4.754E-01	1.257E-05	7.951E-06	8.175E-07	5.000E+03
2.633E-02	1.500E-04	2.380E-20	2.547E-10	4.602E-01	1.485E-05	6.067E-06	1.603E-06	5.100E+03
4.087E-02	2.500E-04	7.570E-20	5.684E-10	4.382E-01	1.718E-05	4.417E-06	2.931E-06	5.200E+03
6.063E-02	4.005E-04	2.280E-19	1.185E-09	4.082E-01	1.947E-05	3.485E-06	4.944E-06	5.300E+03
8.565E-02	6.174E-04	6.543E-19	2.293E-09	3.702E-01	2.163E-05	2.595E-06	7.637E-06	5.400E+03
1.150E-01	9.172E-04	1.799E-18	4.097E-09	3.256E-01	2.352E-05	1.895E-06	1.075E-05	5.500E+03
1.468E-01	1.315E-03	4.758E-18	6.763E-09	2.770E-01	2.502E-05	1.352E-06	1.381E-05	5.600E+03
1.788E-01	1.824E-03	1.214E-17	1.036E-08	2.281E-01	2.603E-05	9.386E-07	1.627E-05	5.700E+03
2.086E-01	2.457E-03	2.995E-17	1.482E-08	1.820E-01	2.652E-05	6.347E-07	1.773E-05	5.800E+03
2.347E-01	3.223E-03	7.165E-17	1.999E-08	1.414E-01	2.648E-05	4.110E-07	1.809E-05	5.900E+03
2.561E-01	4.134E-03	1.664E-16	2.565E-08	1.075E-01	2.671E-05	2.712E-07	1.750E-05	6.000E+03
2.727E-01	5.203E-03	3.761E-16	3.160E-08	8.742E-02	2.520E-05	1.730E-07	1.622E-05	6.100E+03
2.850E-01	6.446E-03	8.278E-16	3.771E-08	5.950E-02	2.416E-05	1.094E-07	1.458E-05	6.200E+03
2.936E-01	7.841E-03	1.777E-15	4.388E-08	4.375E-02	2.299E-05	6.894E-08	1.280E-05	6.300E+03
2.991E-01	9.529E-03	3.727E-15	5.005E-08	3.208E-02	2.175E-05	4.343E-08	1.107E-05	6.400E+03
3.023E-01	1.141E-02	7.641E-15	5.619E-08	2.351E-02	2.050E-05	2.744E-08	9.465E-06	6.500E+03
3.036E-01	1.355E-02	1.533E-14	6.229E-08	1.728E-02	1.928E-05	1.742E-08	8.033E-06	6.600E+03
3.034E-01	1.597E-02	3.015E-14	6.832E-08	1.273E-02	1.810E-05	1.113E-08	6.785E-06	6.700E+03
3.019E-01	1.870E-02	5.812E-14	7.426E-08	9.417E-03	1.698E-05	7.158E-09	5.711E-06	6.800E+03
2.994E-01	2.176E-02	1.100E-13	8.005E-08	6.992E-03	1.591E-05	4.638E-09	4.795E-06	6.900E+03
2.960E-01	2.517E-02	2.044E-13	8.566E-08	5.213E-03	1.491E-05	3.027E-09	4.019E-06	7.000E+03
2.918E-01	2.895E-02	3.734E-13	9.102E-08	3.903E-03	1.396E-05	1.989E-09	3.363E-06	7.100E+03
2.868E-01	3.312E-02	6.710E-13	9.607E-08	2.933E-03	1.306E-05	1.316E-09	2.809E-06	7.200E+03
2.811E-01	3.769E-02	1.187E-12	1.007E-07	2.212E-03	1.222E-05	8.761E-10	2.342E-06	7.300E+03
2.747E-01	4.267E-02	2.068E-12	1.049E-07	1.673E-03	1.143E-05	5.866E-10	1.949E-06	7.400E+03
2.677E-01	4.806E-02	3.549E-12	1.085E-07	1.770E-03	1.068E-05	3.948E-10	1.618E-06	7.500E+03
2.600E-01	5.367E-02	6.008E-12	1.115E-07	9.658E-04	9.467E-06	2.670E-10	1.339E-06	7.600E+03
2.517E-01	6.007E-02	1.003E-11	1.138E-07	7.360E-04	8.294E-06	1.813E-10	1.105E-06	7.700E+03
2.428E-01	6.666E-02	1.653E-11	1.153E-07	5.618E-04	8.655E-06	1.234E-10	9.079E-07	7.800E+03
2.334E-01	7.360E-02	2.690E-11	1.161E-07	4.294E-04	8.049E-06	8.448E-11	7.430E-07	7.900E+03
2.235E-01	8.087E-02	4.232E-11	1.159E-07	3.284E-04	7.473E-06	5.789E-11	6.053E-07	8.000E+03
2.025E-01	9.617E-02	1.078E-10	1.130E-07	1.923E-04	6.406E-06	2.734E-11	3.953E-07	8.200E+03

Table II. - Continued.

T	E-	U	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.222E-01	5.751E-01	1.009E-02	1.124E-16	4.884E-07	2.659E-07	7.464E-08	3.696E-13
8.600E+03	1.419E-01	5.582E-01	1.385E-02	4.348E-16	4.940E-07	2.106E-07	7.921E-08	3.116E-13
8.800E+03	1.623E-01	5.386E-01	1.884E-02	1.605E-15	4.916E-07	1.668E-07	8.380E-08	2.593E-13
9.000E+03	1.830E-01	5.143E-01	2.537E-02	5.663E-15	4.817E-07	1.318E-07	8.823E-08	2.129E-13
9.200E+03	2.037E-01	4.971E-01	3.377E-02	1.910E-14	4.651E-07	1.038E-07	9.217E-08	1.723E-13
9.400E+03	2.245E-01	4.726E-01	4.437E-02	6.153E-14	4.428E-07	8.113E-08	9.518E-08	1.374E-13
9.600E+03	2.453E-01	4.458E-01	5.737E-02	1.889E-13	4.157E-07	6.279E-08	9.672E-08	1.077E-13
9.800E+03	2.661E-01	4.164E-01	7.284E-02	5.521E-13	3.849E-07	4.742E-08	9.631E-08	8.289E-14
1.000E+04	2.871E-01	3.846E-01	9.067E-02	1.535E-12	3.513E-07	3.594E-08	9.361E-08	6.244E-14
1.020E+04	3.082E-01	3.507E-01	1.105E-01	4.060E-12	3.156E-07	2.641E-08	8.853E-08	4.593E-14
1.040E+04	3.292E-01	3.184E-01	1.318E-01	1.023E-11	2.789E-07	1.896E-08	8.133E-08	3.290E-14
1.060E+04	3.498E-01	2.786E-01	1.539E-01	2.462E-11	2.422E-07	1.328E-08	7.252E-08	2.292E-14
1.080E+04	3.696E-01	2.442E-01	1.761E-01	5.675E-11	2.065E-07	9.075E-09	6.277E-08	1.550E-14
1.100E+04	3.833E-01	2.103E-01	1.976E-01	1.256E-10	1.729E-07	6.047E-09	5.281E-08	1.018E-14
1.120E+04	4.054E-01	1.786E-01	2.178E-01	2.679E-10	1.422E-07	3.936E-09	4.327E-08	6.502E-15
1.140E+04	4.209E-01	1.498E-01	2.362E-01	5.520E-10	1.151E-07	2.509E-09	3.463E-08	4.047E-15
1.160E+04	4.344E-01	1.244E-01	2.527E-01	1.102E-09	9.176E-08	1.570E-09	2.715E-08	2.463E-15
1.180E+04	4.461E-01	1.024E-01	2.669E-01	2.139E-09	7.227E-08	9.688E-10	2.093E-08	1.472E-15
1.200E+04	4.560E-01	8.386E-02	2.790E-01	4.042E-09	5.636E-08	9.914E-10	1.593E-08	8.671E-16
1.220E+04	4.647E-01	6.805E-02	2.892E-01	7.453E-09	4.363E-08	3.586E-10	1.200E-08	5.059E-16
1.240E+04	4.710E-01	5.518E-02	2.975E-01	1.341E-08	3.361E-08	2.167E-10	8.983E-09	2.934E-16
1.260E+04	4.765E-01	4.468E-02	3.043E-01	2.373E-08	2.581E-08	1.309E-10	6.698E-09	1.698E-16
1.280E+04	4.810E-01	3.617E-02	3.099E-01	4.110E-08	1.980E-08	7.923E-11	4.987E-09	9.837E-17
1.300E+04	4.846E-01	2.931E-02	3.143E-01	6.991E-08	1.519E-08	4.816E-11	3.714E-09	5.717E-17
1.320E+04	4.875E-01	2.380E-02	3.179E-01	1.169E-07	1.168E-08	2.945E-11	2.771E-09	3.340E-17
1.340E+04	4.898E-01	1.937E-02	3.208E-01	1.924E-07	8.998E-09	1.814E-11	2.074E-09	1.964E-17
1.360E+04	4.917E-01	1.581E-02	3.231E-01	3.120E-07	6.954E-09	1.126E-11	1.558E-09	1.160E-17
1.380E+04	4.932E-01	1.295E-02	3.249E-01	4.987E-07	5.395E-09	7.048E-12	1.176E-09	6.963E-18
1.400E+04	4.945E-01	1.064E-02	3.264E-01	7.863E-07	4.202E-09	4.452E-12	8.913E-10	4.201E-18
1.420E+04	4.955E-01	8.778E-03	3.276E-01	1.224E-06	3.286E-09	2.838E-12	6.792E-10	2.559E-18
1.440E+04	4.964E-01	7.269E-03	3.285E-01	1.882E-06	2.582E-09	1.826E-12	5.294E-10	1.573E-18
1.460E+04	4.971E-01	6.042E-03	3.292E-01	2.859E-06	2.037E-09	1.186E-12	4.008E-10	9.770E-19
1.480E+04	4.977E-01	5.041E-03	3.298E-01	4.296E-06	1.615E-09	7.769E-13	3.104E-10	6.125E-19
1.500E+04	4.983E-01	4.222E-03	3.302E-01	6.384E-06	1.286E-09	5.137E-13	2.416E-10	3.877E-19
1.520E+04	4.988E-01	3.549E-03	3.306E-01	9.390E-06	1.079E-09	3.427E-13	1.891E-10	2.477E-19
1.540E+04	4.994E-01	2.995E-03	3.308E-01	1.367E-05	8.264E-10	2.306E-13	1.487E-10	1.597E-19
1.560E+04	4.999E-01	2.586E-03	3.308E-01	1.972E-05	6.669E-10	1.565E-13	1.175E-10	1.039E-19
1.580E+04	5.005E-01	2.165E-03	3.308E-01	2.816E-05	5.404E-10	1.071E-13	9.336E-11	6.824E-20
1.600E+04	5.011E-01	1.837E-03	3.307E-01	3.987E-05	4.399E-10	7.383E-14	7.450E-11	4.519E-20
1.620E+04	5.018E-01	1.572E-03	3.305E-01	5.594E-05	3.595E-10	5.132E-14	5.972E-11	3.018E-20
1.640E+04	5.026E-01	1.349E-03	3.301E-01	7.781E-05	2.950E-10	3.594E-14	4.807E-11	2.032E-20
1.660E+04	5.036E-01	1.161E-03	3.297E-01	1.073E-04	2.431E-10	2.535E-14	3.886E-11	1.380E-20
1.680E+04	5.047E-01	1.007E-03	3.290E-01	1.468E-04	2.011E-10	1.801E-14	3.153E-11	9.440E-21
1.700E+04	5.061E-01	8.685E-04	3.282E-01	1.992E-04	1.670E-10	1.288E-14	2.568E-11	6.508E-21
1.720E+04	5.076E-01	7.543E-04	3.273E-01	2.682E-04	1.392E-10	9.270E-13	2.099E-11	4.520E-21
1.740E+04	5.093E-01	6.569E-04	3.261E-01	3.582E-04	1.165E-10	6.715E-15	1.715E-11	3.162E-21
1.760E+04	5.113E-01	5.785E-04	3.247E-01	4.749E-04	9.785E-11	4.893E-15	1.416E-11	2.228E-21
1.780E+04	5.135E-01	5.020E-04	3.232E-01	6.249E-04	8.246E-11	3.587E-15	1.168E-11	1.580E-21
1.800E+04	5.160E-01	4.404E-04	3.214E-01	8.163E-04	6.973E-11	2.647E-15	9.662E-12	1.128E-21
1.820E+04	5.188E-01	3.873E-04	3.194E-01	1.059E-03	5.915E-11	1.959E-15	8.013E-12	8.097E-22
1.840E+04	5.217E-01	3.413E-04	3.172E-01	1.364E-03	5.033E-11	1.458E-15	6.661E-12	5.848E-22
1.860E+04	5.248E-01	3.013E-04	3.147E-01	1.746E-03	4.294E-11	1.091E-15	5.550E-12	4.247E-22
1.880E+04	5.281E-01	2.686E-04	3.121E-01	2.221E-03	3.673E-11	8.196E-16	4.633E-12	3.099E-22
1.900E+04	5.315E-01	2.362E-04	3.093E-01	2.808E-03	3.150E-11	6.183E-16	3.755E-12	2.273E-22
1.920E+04	5.350E-01	2.097E-04	3.063E-01	3.530E-03	2.706E-11	4.682E-16	3.247E-12	1.673E-22
1.940E+04	5.385E-01	1.884E-04	3.030E-01	4.412E-03	2.330E-11	3.558E-16	2.724E-12	1.237E-22
1.960E+04	5.421E-01	1.689E-04	2.996E-01	5.484E-03	2.009E-11	2.712E-16	2.289E-12	9.175E-23
1.980E+04	5.456E-01	1.498E-04	2.960E-01	6.781E-03	1.735E-11	2.072E-16	1.925E-12	6.825E-23
2.000E+04	5.491E-01	1.318E-04	2.921E-01	8.339E-03	1.500E-11	1.587E-16	1.620E-12	5.090E-23
2.020E+04	5.525E-01	1.146E-04	2.880E-01	1.020E-02	1.298E-11	1.218E-16	1.363E-12	3.804E-23
2.040E+04	5.557E-01	1.080E-04	2.835E-01	1.241E-02	1.124E-11	9.358E-17	1.147E-12	2.847E-23
2.060E+04	5.593E-01	9.377E-05	2.787E-01	1.502E-02	9.734E-12	7.194E-17	9.645E-13	2.133E-23
2.080E+04	5.627E-01	8.391E-05	2.734E-01	1.807E-02	8.432E-12	5.531E-17	8.097E-13	1.598E-23
2.100E+04	5.661E-01	7.469E-05	2.676E-01	2.160E-02	7.303E-12	4.250E-17	6.783E-13	1.197E-23
2.120E+04	5.695E-01	6.689E-05	2.612E-01	2.567E-02	6.322E-12	3.261E-17	5.665E-13	8.960E-24
2.140E+04	5.730E-01	5.929E-05	2.543E-01	3.029E-02	5.468E-12	2.497E-17	4.715E-13	6.693E-24
2.160E+04	5.766E-01	5.271E-05	2.467E-01	3.550E-02	4.724E-12	1.906E-17	3.906E-13	4.988E-24
2.180E+04	5.803E-01	4.676E-05	2.384E-01	4.131E-02	4.074E-12	1.450E-17	3.219E-13	3.704E-24
2.200E+04	5.841E-01	4.189E-05	2.295E-01	4.770E-02	3.507E-12	1.098E-17	2.638E-13	2.740E-24
2.220E+04	5.880E-01	3.663E-05	2.200E-01	5.466E-02	3.011E-12	8.268E-18	2.142E-13	2.017E-24
2.240E+04	5.921E-01	3.214E-05	2.098E-01	6.213E-02	2.579E-12	6.191E-18	1.734E-13	1.477E-24
2.260E+04	5.962E-01	2.819E-05	1.991E-01	7.005E-02	2.202E-12	4.606E-18	1.390E-13	1.075E-24
2.280E+04	6.004E-01	2.463E-05	1.881E-01	7.834E-02	1.874E-12	3.403E-18	1.105E-13	7.769E-25
2.300E+04	6.046E-01	2.144E-05	1.767E-01	8.691E-02	1.589E-12	2.495E-18	8.705E-14	5.577E-25
2.320E+04	6.088E-01	1.859E-05	1.651E-01	9.565E-02	1.343E-12	1.816E-18	6.905E-14	3.974E-25
2.340E+04	6.130E-01	1.606E-05	1.535E-01	1.044E-01	1.130E-12	1.312E-18	5.271E-14	2.810E-25
2.360E+04	6.171E-01	1.381E-05	1.420E-01	1.132E-01	9.475E-13	9.402E-19	4.048E-14	1.972E-25
2.380E+04	6.211E-01	1.184E-05	1.308E-01	1.218E-01	7.914E-13	6.889E-19	3.263E-14	1.374E-25
2.400E+04	6.250E-01	1.011E-05	1.199E-01	1.301E-01	6.585E-13	4.724E-19	2.330E-14	9.506E-26
2.420E+04	6.287E-01	8.604E-06	1.094E-01	1.382E-01	5.460E-13	3.318E-19	1.748E-14	6.532E-26
2.440E+04	6.322E-01	7.300E-06	9.941E-02	1.458E-01	4.513E-13	2.313E-19	1.302E-14	4.461E-26
2.460E+04	6.355E-01	6.176E-06	9.004E-02	1.530E-01	3.718E-13	1.605E-19	9.645E-15	3.029E-26
2.480E+04	6.385E-01	5.212E-06	8.128E-02	1.597E-01	3.056E-13	1.108E-19	7.105E-15	2.047E-26
2.500E+04	6.413E-01	4.390E-06	7.317E-02	1.659E-01	2.505E-13	7.617E-20	5.209E-15	1.377E-26

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.804E-01	1.121E-01	2.568E-10	1.069E-07	1.125E-04	5.445E-06	1.297E-11	2.522E-07	8.400E+03
1.579E-01	1.201E-01	5.844E-10	9.799E-08	6.555E-05	4.582E-06	6.164E-12	1.568E-07	8.600E+03
1.357E-01	1.435E-01	1.285E-09	8.715E-08	3.602E-05	3.814E-06	2.925E-12	9.492E-08	8.800E+03
1.147E-01	1.576E-01	2.706E-09	7.534E-08	2.192E-05	3.137E-06	1.384E-12	5.601E-08	9.000E+03
9.544E-02	1.700E-01	5.483E-09	6.352E-08	1.256E-05	2.547E-06	6.514E-13	3.230E-08	9.200E+03
7.837E-02	1.801E-01	1.071E-08	5.244E-08	7.155E-06	2.041E-06	3.047E-13	1.827E-08	9.400E+03
6.368E-02	1.879E-01	2.017E-08	4.258E-08	4.052E-06	1.612E-06	1.414E-13	1.019E-08	9.600E+03
5.133E-02	1.935E-01	3.674E-08	3.415E-08	2.282E-06	1.255E-06	6.496E-14	5.630E-09	9.800E+03
4.115E-02	1.965E-01	6.486E-08	2.715E-08	1.279E-06	9.631E-07	2.951E-14	3.095E-09	1.000E+04
3.286E-02	1.977E-01	1.113E-07	2.144E-08	7.125E-07	7.283E-07	1.322E-14	1.699E-09	1.020E+04
2.619E-02	1.974E-01	1.862E-07	1.684E-08	2.947E-07	5.431E-07	5.838E-15	9.333E-10	1.040E+04
2.085E-02	1.959E-01	3.048E-07	1.317E-08	2.174E-07	3.995E-07	2.536E-15	5.142E-10	1.060E+04
1.659E-02	1.935E-01	4.857E-07	1.026E-08	1.190E-07	2.904E-07	1.083E-15	2.845E-10	1.080E+04
1.321E-02	1.907E-01	7.745E-07	7.967E-09	6.486E-08	2.088E-07	4.556E-16	1.583E-10	1.100E+04
1.054E-02	1.877E-01	1.209E-06	6.147E-09	3.520E-08	1.488E-07	1.889E-16	8.869E-11	1.120E+04
8.418E-03	1.846E-01	1.866E-06	4.763E-09	1.906E-08	1.054E-07	7.745E-17	5.011E-11	1.140E+04
6.747E-03	1.810E-01	2.854E-06	3.674E-09	1.032E-08	7.425E-08	3.151E-17	2.858E-11	1.160E+04
5.426E-03	1.792E-01	4.325E-06	2.834E-09	5.596E-09	5.221E-08	1.274E-17	1.648E-11	1.180E+04
4.382E-03	1.770E-01	6.503E-06	2.187E-09	3.048E-09	3.670E-08	5.171E-18	9.608E-12	1.200E+04
3.554E-03	1.750E-01	9.699E-06	1.491E-09	1.670E-09	2.584E-08	2.103E-18	5.671E-12	1.220E+04
2.897E-03	1.734E-01	1.435E-05	1.311E-09	9.224E-10	1.824E-08	8.612E-19	3.389E-12	1.240E+04
2.372E-03	1.711E-01	2.106E-05	1.020E-09	5.142E-10	1.294E-08	3.563E-19	2.051E-12	1.260E+04
1.952E-03	1.710E-01	3.066E-05	7.960E-10	2.897E-10	9.221E-09	1.493E-19	1.257E-12	1.280E+04
1.613E-03	1.702E-01	4.427E-05	6.239E-11	1.651E-10	6.611E-09	6.342E-20	7.800E-13	1.300E+04
1.342E-03	1.694E-01	6.338E-05	4.912E-10	9.516E-11	4.770E-09	2.737E-20	4.898E-13	1.320E+04
1.121E-03	1.689E-01	8.997E-05	3.885E-10	5.554E-11	3.465E-09	1.201E-20	3.112E-13	1.340E+04
9.401E-04	1.684E-01	1.267E-04	3.087E-10	3.281E-11	2.534E-09	5.356E-21	2.300E-13	1.360E+04
7.922E-04	1.680E-01	1.769E-04	2.464E-10	1.963E-11	1.866E-09	2.431E-21	1.299E-13	1.380E+04
6.704E-04	1.676E-01	2.449E-04	1.975E-10	1.188E-11	1.383E-09	1.122E-21	8.529E-14	1.400E+04
5.697E-04	1.673E-01	3.364E-04	1.591E-10	7.281E-12	1.032E-09	5.272E-22	5.656E-14	1.420E+04
4.846E-04	1.669E-01	4.585E-04	1.287E-10	4.514E-12	7.752E-10	2.518E-22	3.786E-14	1.440E+04
4.162E-04	1.666E-01	6.201E-04	1.045E-10	2.831E-12	5.859E-10	1.223E-22	2.558E-14	1.460E+04
3.576E-04	1.662E-01	8.321E-04	8.526E-11	1.795E-12	4.456E-10	6.033E-23	1.743E-14	1.480E+04
3.084E-04	1.658E-01	1.108E-03	6.981E-11	1.150E-12	3.408E-10	3.023E-23	1.197E-14	1.500E+04
2.667E-04	1.653E-01	1.465E-03	5.737E-11	7.444E-13	2.621E-10	1.538E-23	8.287E-15	1.520E+04
2.314E-04	1.647E-01	1.923E-03	4.730E-11	4.866E-13	2.026E-10	7.938E-24	5.776E-15	1.540E+04
2.012E-04	1.640E-01	2.504E-03	3.913E-11	3.211E-13	1.574E-10	4.154E-24	4.052E-15	1.560E+04
1.752E-04	1.631E-01	3.238E-03	3.246E-11	2.137E-13	1.228E-10	2.703E-24	2.858E-15	1.580E+04
1.532E-04	1.620E-01	4.156E-03	2.700E-11	1.434E-13	9.620E-11	1.193E-24	2.027E-15	1.600E+04
1.341E-04	1.606E-01	5.292E-03	2.251E-11	9.498E-14	7.562E-11	6.427E-25	1.443E-15	1.620E+04
1.174E-04	1.590E-01	6.686E-03	1.631E-11	6.605E-14	5.962E-11	3.551E-25	1.031E-15	1.640E+04
1.030E-04	1.570E-01	8.385E-03	1.573E-11	4.527E-14	4.712E-11	1.960E-25	7.387E-16	1.660E+04
9.022E-05	1.546E-01	1.042E-02	1.318E-11	3.121E-14	3.731E-11	1.099E-25	5.300E-16	1.680E+04
7.921E-05	1.517E-01	1.285E-02	1.104E-11	2.163E-14	2.954E-11	6.213E-26	3.805E-16	1.700E+04
6.943E-05	1.484E-01	1.570E-02	9.257E-12	1.505E-14	2.340E-11	3.541E-26	2.777E-16	1.720E+04
6.078E-05	1.445E-01	1.900E-02	7.756E-12	1.051E-14	1.861E-11	2.032E-26	1.957E-16	1.740E+04
5.313E-05	1.401E-01	2.277E-02	6.493E-12	7.363E-15	1.475E-11	1.174E-26	1.377E-16	1.760E+04
4.633E-05	1.351E-01	2.702E-02	5.427E-12	5.168E-15	1.168E-11	6.614E-27	9.935E-17	1.780E+04
4.029E-05	1.295E-01	3.174E-02	4.527E-12	3.633E-15	9.224E-12	3.973E-27	7.052E-17	1.800E+04
3.492E-05	1.235E-01	3.688E-02	3.767E-12	2.556E-15	7.268E-12	2.325E-27	4.948E-17	1.820E+04
3.016E-05	1.170E-01	4.241E-02	3.125E-12	1.798E-15	5.710E-12	1.365E-27	3.458E-17	1.840E+04
2.574E-05	1.101E-01	4.825E-02	2.583E-12	1.264E-15	4.471E-12	8.029E-28	2.398E-17	1.860E+04
2.222E-05	1.030E-01	5.431E-02	2.128E-12	8.884E-16	3.488E-12	4.731E-28	1.650E-17	1.880E+04
1.895E-05	9.544E-02	6.050E-02	1.746E-12	6.234E-16	2.710E-12	2.790E-28	1.126E-17	1.900E+04
1.609E-05	8.827E-02	6.672E-02	1.426E-12	4.369E-16	2.098E-12	1.647E-28	7.615E-18	1.920E+04
1.361E-05	8.095E-02	7.286E-02	1.161E-12	3.057E-16	1.618E-12	9.728E-29	5.109E-18	1.940E+04
1.146E-05	7.380E-02	7.883E-02	9.407E-13	2.132E-16	1.243E-12	5.746E-29	3.431E-18	1.960E+04
9.608E-06	6.690E-02	8.454E-02	7.536E-13	1.487E-16	9.510E-13	3.395E-29	2.247E-18	1.980E+04
8.031E-06	6.034E-02	8.994E-02	6.114E-13	1.038E-16	7.254E-13	2.005E-29	1.475E-18	2.000E+04
6.593E-06	5.417E-02	9.498E-02	4.906E-13	7.209E-17	5.515E-13	1.185E-29	9.674E-19	2.020E+04
5.363E-06	4.843E-02	9.958E-02	3.927E-13	5.015E-17	4.181E-13	6.996E-30	6.250E-19	2.040E+04
4.614E-06	4.314E-02	1.037E-01	3.137E-13	3.482E-17	3.161E-13	4.131E-30	4.036E-19	2.060E+04
3.822E-06	3.831E-02	1.074E-01	2.502E-13	2.415E-17	2.384E-13	2.438E-30	2.688E-19	2.080E+04
3.162E-06	3.393E-02	1.107E-01	1.994E-13	1.674E-17	1.793E-13	1.438E-30	1.679E-19	2.100E+04
2.614E-06	2.999E-02	1.135E-01	1.589E-13	1.160E-17	1.346E-13	8.470E-31	1.079E-19	2.120E+04
2.161E-06	2.646E-02	1.159E-01	1.266E-13	8.032E-18	1.008E-13	4.944E-31	6.922E-20	2.140E+04
1.787E-06	2.332E-02	1.178E-01	1.009E-13	5.559E-18	7.527E-14	2.927E-31	4.461E-20	2.160E+04
1.479E-06	2.053E-02	1.194E-01	8.050E-14	3.844E-18	5.610E-14	1.716E-31	2.840E-20	2.180E+04
1.224E-06	1.806E-02	1.206E-01	6.430E-14	2.657E-18	4.171E-14	1.003E-31	1.853E-20	2.200E+04
1.013E-06	1.589E-02	1.214E-01	5.143E-14	1.834E-18	3.093E-14	5.843E-32	1.204E-20	2.220E+04
8.426E-07	1.397E-02	1.220E-01	4.121E-14	1.265E-18	2.288E-14	3.391E-32	7.814E-21	2.240E+04
7.025E-07	1.229E-02	1.223E-01	3.308E-14	8.714E-19	1.688E-14	1.960E-32	5.088E-21	2.260E+04
5.933E-07	1.081E-02	1.224E-01	2.660E-14	5.995E-19	1.241E-14	1.128E-32	3.325E-21	2.280E+04
4.866E-07	9.519E-03	1.223E-01	2.143E-14	4.118E-19	9.106E-15	6.459E-33	2.180E-21	2.300E+04
4.044E-07	8.385E-03	1.220E-01	1.729E-14	2.824E-19	6.661E-15	3.680E-33	1.435E-21	2.320E+04
3.404E-07	7.393E-03	1.216E-01	1.398E-14	1.934E-19	4.860E-15	2.086E-33	9.485E-22	2.340E+04
2.855E-07	6.524E-03	1.211E-01	1.133E-14	1.322E-19	3.537E-15	1.277E-33	6.292E-22	2.360E+04
2.399E-07	5.764E-03	1.205E-01	9.196E-15	9.031E-20	2.568E-15	6.606E-34	4.191E-22	2.380E+04
2.020E-07	5.098E-03	1.199E-01	7.477E-15	6.159E-20	1.861E-15	3.692E-34	2.803E-22	2.400E+04
1.704E-07	4.515E-03	1.193E-01	6.090E-15	4.197E-20	1.344E-15	2.055E-34	1.882E-22	2.420E+04
1.440E-07	4.004E-03	1.186E-01	4.970E-15	2.858E-20	9.722E-16	1.140E-34	1.269E-22	2.440E+04
1.219E-07	3.554E-03	1.180E-01	4.063E-15	1.945E-20	7.015E-16	6.307E-35	8.596E-23	2.460E+04
1.035E-07	3.162E-03	1.173E-01	3.327E-15	1.324E-20	5.059E-16	3.481E-35	5.845E-23	2.480E+04
8.788E-08	2.817E-03	1.167E-01	2.730E-15	9.015E-21	3.647E-16	1.919E-35	3.992E-23	2.500E+04

Table II. - Continued.

P/PO = 7.00E-03

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.634E-11	1.760E-18	0.
2.000E+02	0.	9.219E-67	0.	0.	0.	5.278E-11	1.760E-18	0.
3.000E+02	0.	4.147E-45	3.862E-79	0.	0.	5.322E-11	1.760E-18	0.
4.000E+02	0.	2.875E-34	1.008E-61	0.	0.	4.920E-11	1.760E-18	0.
5.000E+02	0.	9.604E-28	2.933E-51	0.	0.	4.742E-11	1.760E-18	0.
6.000E+02	1.534E-91	2.243E-23	2.779E-44	0.	0.	4.822E-11	1.760E-18	0.
7.000E+02	8.937E-77	3.505E-20	2.337E-39	0.	6.961E-89	6.658E-11	1.760E-18	1.234E-82
8.000E+02	2.320E-64	4.030E-17	2.544E-36	0.	7.034E-75	1.779E-09	1.750E-18	7.840E-70
9.000E+02	1.938E-54	1.302E-14	4.417E-34	0.	1.317E-63	4.088E-08	1.760E-18	2.269E-59
1.000E+03	1.742E-46	1.389E-12	2.736E-32	0.	1.401E-54	5.076E-07	1.760E-18	5.430E-51
1.100E+03	5.720E-40	5.948E-11	8.047E-31	0.	3.402E-47	3.979E-06	1.760E-18	3.878E-44
1.200E+03	1.564E-34	1.406E-09	1.354E-29	0.	4.849E-41	2.208E-05	1.760E-18	1.987E-38
1.300E+03	6.319E-30	2.046E-08	1.481E-28	0.	7.800E-36	9.391E-05	1.760E-18	1.341E-35
1.400E+03	5.679E-26	2.083E-07	1.155E-27	0.	2.259E-31	3.240E-04	1.760E-18	1.840E-32
1.500E+03	1.529E-22	1.487E-06	5.866E-27	0.	1.659E-27	9.454E-04	1.759E-18	7.052E-29
1.600E+03	1.429E-19	8.477E-06	3.542E-26	0.	3.688E-24	2.404E-03	1.899E-18	8.853E-23
1.700E+03	1.019E-17	3.931E-05	8.886E-25	0.	5.590E-22	5.446E-03	1.195E-17	8.073E-21
1.800E+03	1.655E-16	1.532E-04	4.288E-23	0.	1.753E-20	1.117E-02	1.674E-16	1.604E-19
1.900E+03	1.878E-15	5.144E-04	1.468E-21	0.	3.542E-19	2.096E-02	1.883E-15	2.138E-18
2.000E+03	1.655E-14	1.516E-03	3.560E-20	0.	5.160E-18	3.623E-02	1.658E-14	2.120E-17
2.100E+03	1.172E-13	3.980E-03	6.396E-19	1.287E-85	5.651E-17	5.783E-02	1.174E-13	1.616E-16
2.200E+03	6.839E-13	9.399E-03	8.868E-18	2.322E-81	4.786E-16	8.525E-02	6.852E-13	9.664E-16
2.300E+03	3.349E-12	2.012E-02	9.787E-17	1.840E-77	3.201E-15	1.158E-01	3.356E-12	4.591E-15
2.400E+03	1.398E-11	3.924E-02	8.908E-16	7.147E-74	1.719E-14	1.445E-01	1.401E-11	1.747E-14
2.500E+03	5.031E-11	7.003E-02	6.766E-15	1.492E-70	7.497E-14	1.650E-01	5.041E-11	5.358E-14
2.600E+03	1.577E-10	1.147E-01	4.444E-14	1.810E-67	2.683E-13	1.716E-01	1.580E-10	1.329E-13
2.700E+03	4.344E-10	1.729E-01	2.534E-13	1.365E-64	7.942E-13	1.620E-01	4.346E-10	2.670E-13
2.800E+03	1.059E-09	2.403E-01	1.278E-12	6.774E-62	1.958E-12	1.383E-01	1.057E-09	4.360E-13
2.900E+03	2.298E-09	3.088E-01	5.769E-12	2.324E-59	4.054E-12	1.069E-01	2.289E-09	5.820E-13
3.000E+03	4.499E-09	3.684E-01	2.356E-11	5.705E-57	7.167E-12	7.527E-02	4.454E-09	6.463E-13
3.100E+03	8.371E-09	4.163E-01	8.771E-11	1.027E-54	1.110E-11	4.920E-02	7.893E-09	6.172E-13
3.200E+03	1.355E-08	4.485E-01	2.993E-10	1.372E-52	1.561E-11	3.064E-02	1.293E-08	5.310E-13
3.300E+03	2.117E-08	4.689E-01	9.377E-10	1.370E-50	2.065E-11	1.865E-02	1.981E-08	4.315E-13
3.400E+03	3.624E-08	4.812E-01	2.692E-09	1.018E-48	2.656E-11	1.133E-02	2.854E-08	3.454E-13
3.500E+03	5.379E-08	4.885E-01	7.050E-09	5.597E-47	3.411E-11	6.944E-03	3.862E-08	2.809E-13
3.600E+03	8.566E-08	4.929E-01	1.677E-08	2.276E-45	4.459E-11	4.327E-03	4.898E-08	2.372E-13
3.700E+03	1.392E-07	4.985E-01	3.634E-08	6.920E-44	5.983E-11	2.749E-03	5.833E-08	2.099E-13
3.800E+03	2.303E-07	4.971E-01	7.242E-08	1.616E-42	8.221E-11	1.782E-03	6.579E-08	1.941E-13
3.900E+03	3.842E-07	4.981E-01	1.347E-07	3.005E-41	1.147E-10	1.178E-03	7.120E-08	1.857E-13
4.000E+03	6.408E-07	4.987E-01	2.369E-07	4.600E-40	1.611E-10	7.945E-04	7.482E-08	1.822E-13
4.100E+03	1.063E-06	4.991E-01	3.982E-07	5.947E-39	2.264E-10	5.457E-04	7.699E-08	1.819E-13
4.200E+03	1.748E-06	4.984E-01	6.431E-07	6.606E-38	3.177E-10	3.813E-04	7.788E-08	1.843E-13
4.300E+03	2.859E-06	4.987E-01	1.000E-06	6.360E-37	4.455E-10	2.709E-04	7.750E-08	1.895E-13
4.400E+03	4.663E-06	4.999E-01	1.497E-06	5.328E-36	6.265E-10	1.955E-04	7.574E-08	1.922E-13
4.500E+03	7.609E-06	5.001E-01	2.154E-06	3.888E-35	8.871E-10	1.431E-04	7.249E-08	2.115E-13
4.600E+03	1.248E-05	5.006E-01	2.975E-06	2.475E-34	1.269E-09	1.063E-04	6.780E-08	2.309E-13
4.700E+03	2.061E-05	5.012E-01	3.949E-06	1.382E-33	1.836E-09	7.999E-05	6.200E-08	2.581E-13
4.800E+03	3.419E-05	5.023E-01	5.063E-06	6.854E-33	2.683E-09	6.104E-05	5.564E-08	2.948E-13
4.900E+03	5.671E-05	5.041E-01	6.309E-06	3.065E-32	3.942E-09	4.724E-05	4.931E-08	3.425E-13
5.000E+03	9.349E-05	5.070E-01	7.708E-06	1.260E-31	5.792E-09	3.710E-05	4.353E-08	4.027E-13
5.100E+03	1.522E-04	5.114E-01	9.315E-06	4.858E-31	8.462E-09	2.960E-05	3.861E-08	4.764E-13
5.200E+03	2.434E-04	5.178E-01	1.123E-05	1.787E-30	1.223E-08	2.402E-05	3.471E-08	5.646E-13
5.300E+03	3.800E-04	5.268E-01	1.360E-05	6.375E-30	1.739E-08	1.985E-05	3.185E-08	6.670E-13
5.400E+03	5.774E-04	5.383E-01	1.664E-05	2.233E-29	2.426E-08	1.669E-05	2.998E-08	7.821E-13
5.500E+03	8.514E-04	5.522E-01	2.061E-05	7.742E-29	3.307E-08	1.425E-05	2.897E-08	9.059E-13
5.600E+03	1.217E-03	5.676E-01	2.586E-05	2.668E-28	4.392E-08	1.231E-05	2.870E-08	1.032E-12
5.700E+03	1.690E-03	5.885E-01	3.283E-05	9.140E-28	5.678E-08	1.071E-05	2.902E-08	1.152E-12
5.800E+03	2.280E-03	5.987E-01	4.202E-05	3.105E-27	7.143E-08	9.342E-06	2.980E-08	1.256E-12
5.900E+03	2.999E-03	6.123E-01	5.405E-05	1.042E-26	8.754E-08	8.151E-06	3.090E-08	1.338E-12
6.000E+03	3.860E-03	6.238E-01	6.969E-05	3.442E-26	1.048E-07	7.098E-06	3.224E-08	1.394E-12
6.100E+03	4.873E-03	6.380E-01	8.982E-05	1.115E-25	1.228E-07	6.166E-06	3.374E-08	1.424E-12
6.200E+03	6.055E-03	6.399E-01	1.159E-04	3.528E-25	1.414E-07	5.346E-06	3.535E-08	1.431E-12
6.300E+03	7.423E-03	6.448E-01	1.480E-04	1.089E-24	1.605E-07	4.631E-06	3.704E-08	1.420E-12
6.400E+03	8.997E-03	6.481E-01	1.888E-04	3.274E-24	1.801E-07	4.010E-06	3.878E-08	1.395E-12
6.500E+03	1.080E-02	6.501E-01	2.396E-04	9.581E-24	2.000E-07	3.474E-06	4.057E-08	1.361E-12
6.600E+03	1.286E-02	6.511E-01	3.025E-04	2.728E-23	2.203E-07	3.014E-06	4.240E-08	1.319E-12
6.700E+03	1.519E-02	6.512E-01	3.779E-04	7.563E-23	2.410E-07	2.619E-06	4.426E-08	1.273E-12
6.800E+03	1.783E-02	6.506E-01	4.745E-04	2.042E-22	2.621E-07	2.281E-06	4.615E-08	1.225E-12
6.900E+03	2.080E-02	6.495E-01	5.895E-04	5.374E-22	2.834E-07	1.990E-06	4.808E-08	1.176E-12
7.000E+03	2.412E-02	6.478E-01	7.287E-04	1.380E-21	3.049E-07	1.741E-06	5.003E-08	1.125E-12
7.100E+03	2.782E-02	6.467E-01	8.962E-04	3.459E-21	3.266E-07	1.525E-06	5.201E-08	1.075E-12
7.200E+03	3.192E-02	6.431E-01	1.097E-03	8.475E-21	3.482E-07	1.340E-06	5.401E-08	1.025E-12
7.300E+03	3.645E-02	6.402E-01	1.337E-03	2.032E-20	3.697E-07	1.179E-06	5.605E-08	9.749E-13
7.400E+03	4.141E-02	6.368E-01	1.622E-03	4.770E-20	3.909E-07	1.039E-06	5.811E-08	9.258E-13
7.500E+03	4.682E-02	6.330E-01	1.959E-03	1.098E-19	4.115E-07	9.177E-07	6.020E-08	8.773E-13
7.600E+03	5.270E-02	6.288E-01	2.358E-03	2.479E-19	4.314E-07	8.116E-07	6.232E-08	8.296E-13
7.700E+03	5.904E-02	6.242E-01	2.827E-03	5.496E-19	4.505E-07	7.189E-07	6.447E-08	7.827E-13
7.800E+03	6.584E-02	6.192E-01	3.378E-03	1.198E-18	4.685E-07	6.375E-07	6.665E-08	7.367E-13
7.900E+03	7.310E-02	6.137E-01	4.024E-03	2.568E-18	4.852E-07	5.660E-07	6.886E-08	6.917E-13
8.000E+03	8.080E-02	6.079E-01	4.777E-03	5.421E-18	5.004E-07	5.029E-07	7.111E-08	6.477E-13
8.200E+03	9.743E-02	5.960E-01	6.677E-03	2.311E-17	5.258E-07	3.981E-07	7.571E-08	5.633E-13

Table II. - Continued.

P/P0 = 7.00E-03

C	C+	C++	C-	CU	CU+	CU2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	7.289E-64	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.866E-39	1.719E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.355E-27	7.219E-59	1.000E+00	0.	4.000E+02
2.814E-74	0.	0.	0.	1.640E-19	1.716E-44	1.000E+00	0.	5.000E+02
5.121E-77	6.804E-78	0.	0.	1.419E-14	2.903E-38	1.000E+00	0.	6.000E+02
2.837E-63	2.420E-65	0.	0.	4.061E-11	1.372E-32	1.000E+00	6.045E-90	7.000E+02
2.503E-54	1.564E-58	0.	0.	3.454E-09	2.570E-30	1.000E+00	1.443E-77	8.000E+02
1.150E-47	1.001E-53	0.	8.333E-98	8.166E-08	6.288E-29	1.000E+00	1.919E-68	9.000E+02
1.131E-42	6.800E-50	0.	2.647E-85	1.015E-06	7.958E-28	1.000E+00	3.733E-61	1.000E+03
7.834E-38	9.347E-47	0.	4.549E-75	7.958E-06	6.348E-27	1.000E+00	3.436E-55	1.100E+03
3.608E-36	3.889E-44	0.	1.529E-66	4.416E-05	3.585E-26	9.999E-01	3.212E-50	1.200E+03
4.594E-31	6.419E-42	0.	2.507E-59	1.878E-04	1.552E-25	9.997E-01	5.166E-44	1.300E+03
2.677E-26	5.131E-40	0.	3.627E-53	6.483E-04	5.450E-25	9.990E-01	2.083E-42	1.400E+03
4.193E-24	2.294E-38	2.571E-95	8.725E-48	1.892E-03	1.620E-24	9.972E-01	2.777E-39	1.500E+03
4.363E-24	6.923E-37	1.284E-91	3.936E-43	4.816E-03	4.541E-24	9.928E-01	1.505E-36	1.600E+03
2.627E-22	8.294E-35	8.231E-87	8.496E-40	1.093E-02	6.640E-23	9.836E-01	3.879E-34	1.700E+03
1.088E-20	1.605E-32	1.170E-81	2.832E-37	2.249E-02	1.972E-21	9.642E-01	5.374E-32	1.800E+03
2.594E-19	1.911E-30	5.495E-77	4.753E-35	4.244E-02	4.357E-20	9.361E-01	4.401E-30	1.900E+03
4.641E-18	1.421E-28	9.056E-73	4.576E-33	7.397E-02	7.073E-19	8.883E-01	2.295E-28	2.000E+03
4.770E-17	7.147E-27	6.085E-69	2.699E-31	1.196E-01	8.757E-18	8.186E-01	8.085E-27	2.100E+03
7.394E-16	2.535E-25	1.894E-65	1.110E-29	1.799E-01	8.565E-17	7.254E-01	2.020E-25	2.200E+03
6.477E-15	6.694E-24	3.061E-62	3.445E-28	2.518E-01	6.806E-16	6.123E-01	3.724E-24	2.300E+03
4.638E-14	1.364E-22	2.812E-59	7.16E-27	3.283E-01	4.500E-15	4.879E-01	5.253E-23	2.400E+03
2.895E-13	2.272E-21	1.598E-56	1.114E-25	4.000E-01	2.536E-14	3.650E-01	5.872E-22	2.500E+03
1.590E-12	3.149E-20	6.047E-54	1.337E-24	4.579E-01	1.245E-13	2.558E-01	5.396E-21	2.600E+03
7.077E-12	3.787E-19	1.632E-51	1.276E-23	4.969E-01	5.472E-13	1.682E-01	4.240E-20	2.700E+03
3.022E-11	4.089E-18	3.341E-49	9.986E-23	5.170E-01	2.199E-12	1.044E-01	2.971E-19	2.800E+03
1.203E-10	4.085E-17	5.461E-47	6.605E-22	5.226E-01	8.279E-12	6.177E-02	1.933E-18	2.900E+03
4.590E-10	3.851E-16	7.389E-45	3.797E-21	5.200E-01	2.969E-11	3.530E-02	1.203E-17	3.000E+03
1.644E-09	3.438E-15	8.370E-43	1.943E-20	5.147E-01	1.022E-10	1.983E-02	7.255E-17	3.100E+03
5.733E-09	2.871E-14	7.808E-41	9.027E-20	5.098E-01	3.363E-10	1.112E-02	4.219E-16	3.200E+03
1.879E-08	2.016E-13	5.858E-39	3.873E-19	5.062E-01	1.047E-09	6.314E-03	2.332E-15	3.300E+03
2.972E-08	1.518E-12	3.444E-37	1.560E-18	5.038E-01	3.041E-09	3.656E-03	1.210E-14	3.400E+03
1.700E-07	9.269E-12	1.551E-35	6.004E-18	5.024E-01	8.140E-09	2.167E-03	5.840E-14	3.500E+03
3.025E-07	4.966E-11	5.286E-34	2.239E-17	5.015E-01	1.990E-08	1.317E-03	2.618E-13	3.600E+03
1.340E-06	2.336E-10	1.370E-32	8.159E-17	5.010E-01	4.441E-08	8.206E-04	1.091E-12	3.700E+03
3.440E-06	9.744E-10	2.761E-31	2.901E-16	5.006E-01	9.121E-08	5.235E-04	4.241E-12	3.800E+03
8.381E-06	3.642E-09	4.478E-30	1.000E-15	5.004E-01	1.748E-07	3.415E-04	1.542E-11	3.900E+03
1.990E-05	1.259E-08	6.029E-29	3.323E-15	5.003E-01	3.166E-07	2.275E-04	5.269E-11	4.000E+03
5.342E-05	4.008E-08	6.908E-28	1.061E-14	5.001E-01	5.475E-07	1.546E-04	1.698E-10	4.100E+03
9.458E-05	1.190E-07	6.843E-27	3.253E-14	5.000E-01	9.087E-07	1.070E-04	5.179E-10	4.200E+03
1.969E-04	3.309E-07	5.910E-26	9.621E-14	4.998E-01	1.451E-06	7.532E-05	1.501E-09	4.300E+03
3.967E-04	8.623E-07	4.464E-25	2.758E-13	4.995E-01	2.226E-06	5.387E-05	4.144E-09	4.400E+03
7.744E-04	2.106E-06	2.948E-24	7.706E-13	4.989E-01	3.277E-06	3.909E-05	1.093E-08	4.500E+03
1.647E-03	4.821E-06	1.704E-23	2.110E-12	4.978E-01	4.622E-06	2.875E-05	2.757E-08	4.600E+03
2.709E-03	1.036E-05	8.655E-23	5.671E-12	4.959E-01	6.248E-06	2.140E-05	6.660E-08	4.700E+03
4.824E-03	2.094E-05	3.900E-22	1.493E-11	4.927E-01	8.119E-06	1.610E-05	1.540E-07	4.800E+03
9.379E-03	4.017E-05	1.580E-21	3.830E-11	4.874E-01	1.019E-05	1.221E-05	3.400E-07	4.900E+03
1.499E-02	7.334E-05	5.838E-21	9.498E-11	4.787E-01	1.241E-05	9.321E-06	7.137E-07	5.000E+03
2.290E-02	1.281E-04	1.996E-20	2.255E-10	4.654E-01	1.475E-05	7.134E-06	1.415E-06	5.100E+03
3.582E-02	2.150E-04	6.389E-20	5.075E-10	4.458E-01	1.715E-05	5.454E-06	2.626E-06	5.200E+03
5.367E-02	3.469E-04	1.933E-19	1.072E-09	4.188E-01	1.955E-05	4.144E-06	4.519E-06	5.300E+03
7.673E-02	2.389E-04	5.564E-19	2.108E-09	3.838E-01	2.184E-05	3.113E-06	7.150E-06	5.400E+03
1.054E-01	8.069E-04	1.533E-18	3.840E-09	3.417E-01	2.391E-05	2.299E-06	1.034E-05	5.500E+03
1.333E-01	1.166E-03	4.060E-18	6.472E-09	2.947E-01	2.562E-05	1.660E-06	1.367E-05	5.600E+03
1.670E-01	1.630E-03	1.037E-17	1.012E-08	2.461E-01	2.686E-05	1.170E-06	1.656E-05	5.700E+03
1.975E-01	2.210E-03	2.561E-17	1.476E-08	1.992E-01	2.758E-05	8.029E-07	1.854E-05	5.800E+03
2.248E-01	2.918E-03	6.130E-17	2.026E-08	1.568E-01	2.775E-05	5.377E-07	1.937E-05	5.900E+03
2.548E-01	3.763E-03	1.425E-16	2.639E-08	1.206E-01	2.744E-05	3.526E-07	1.912E-05	6.000E+03
2.842E-01	4.757E-03	3.220E-16	3.294E-08	9.110E-02	2.674E-05	2.275E-07	1.803E-05	6.100E+03
2.981E-01	5.914E-03	7.089E-16	3.970E-08	6.796E-02	2.576E-05	1.453E-07	1.642E-05	6.200E+03
2.990E-01	7.250E-03	1.522E-15	4.656E-08	5.030E-02	2.460E-05	9.221E-08	1.458E-05	6.300E+03
2.995E-01	8.785E-03	3.193E-15	5.344E-08	3.707E-02	2.335E-05	5.845E-08	1.271E-05	6.400E+03
3.010E-01	1.054E-02	6.547E-15	6.030E-08	2.730E-02	2.207E-05	3.711E-08	1.094E-05	6.500E+03
3.031E-01	1.253E-02	1.314E-14	6.712E-08	2.012E-02	2.080E-05	2.365E-08	9.339E-06	6.600E+03
3.035E-01	1.479E-02	2.583E-14	7.386E-08	1.487E-02	1.956E-05	1.516E-08	7.924E-06	6.700E+03
3.027E-01	1.734E-02	4.981E-14	8.051E-08	1.102E-02	1.837E-05	9.781E-09	6.696E-06	6.800E+03
3.007E-01	2.019E-02	9.426E-14	8.703E-08	8.202E-03	1.724E-05	6.354E-09	5.643E-06	6.900E+03
2.979E-01	2.337E-02	1.752E-13	9.337E-08	6.128E-03	1.617E-05	4.157E-09	4.746E-06	7.000E+03
2.941E-01	2.691E-02	3.201E-13	9.946E-08	4.598E-03	1.516E-05	2.739E-09	3.985E-06	7.100E+03
2.895E-01	3.081E-02	5.752E-13	1.052E-07	3.463E-03	1.421E-05	1.817E-09	3.341E-06	7.200E+03
2.843E-01	3.510E-02	1.018E-12	1.106E-07	2.617E-03	1.332E-05	1.213E-09	2.796E-06	7.300E+03
2.784E-01	3.974E-02	1.773E-12	1.156E-07	1.985E-03	1.247E-05	8.144E-10	2.336E-06	7.400E+03
2.719E-01	4.485E-02	3.044E-12	1.199E-07	1.510E-03	1.167E-05	5.499E-10	1.947E-06	7.500E+03
2.647E-01	5.033E-02	5.152E-12	1.237E-07	1.152E-03	1.091E-05	3.731E-10	1.619E-06	7.600E+03
2.569E-01	5.620E-02	8.604E-12	1.267E-07	8.804E-04	1.019E-05	2.542E-10	1.342E-06	7.700E+03
2.485E-01	6.245E-02	1.418E-11	1.289E-07	6.742E-04	9.511E-06	1.739E-10	1.109E-06	7.800E+03
2.395E-01	6.907E-02	2.308E-11	1.302E-07	5.171E-04	8.863E-06	1.194E-10	9.128E-07	7.900E+03
2.301E-01	7.601E-02	3.710E-11	1.337E-07	3.970E-04	8.248E-06	8.217E-11	7.482E-07	8.000E+03
2.199E-01	9.074E-02	9.255E-11	1.287E-07	2.344E-04	7.107E-06	3.919E-11	4.956E-07	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.155E-01	5.804E-01	9.235E-03	9.336E-1	5.434E-07	3.159E-07	8.046E-08	4.842E-13
8.600E+03	1.347E-01	5.642E-01	1.265E-02	3.589E-16	5.526E-07	2.510E-07	8.533E-08	4.111E-13
8.800E+03	1.546E-01	5.484E-01	1.717E-02	1.317E-15	5.531E-07	1.995E-07	9.025E-08	3.447E-13
9.000E+03	1.749E-01	5.270E-01	2.308E-02	4.621E-15	5.451E-07	1.584E-07	9.506E-08	2.852E-13
9.200E+03	1.954E-01	5.057E-01	3.071E-02	1.552E-14	5.295E-07	1.253E-07	9.946E-08	2.328E-13
9.400E+03	2.159E-01	4.824E-01	4.035E-02	4.986E-14	5.071E-07	9.859E-08	1.031E-07	1.873E-13
9.600E+03	2.365E-01	4.567E-01	5.225E-02	1.529E-13	4.792E-07	7.690E-08	1.053E-07	1.484E-13
9.800E+03	2.571E-01	4.287E-01	6.654E-02	4.475E-13	4.467E-07	5.926E-08	1.057E-07	1.155E-13
1.000E+04	2.779E-01	3.983E-01	8.318E-02	1.247E-12	4.107E-07	4.497E-08	1.037E-07	8.820E-14
1.020E+04	2.987E-01	3.656E-01	1.019E-01	3.312E-12	3.720E-07	3.349E-08	9.932E-08	6.586E-14
1.040E+04	3.195E-01	3.314E-01	1.223E-01	8.385E-12	3.318E-07	2.442E-08	9.251E-08	4.798E-14
1.060E+04	3.401E-01	2.962E-01	1.438E-01	2.028E-11	2.910E-07	1.740E-08	8.373E-08	3.404E-14
1.080E+04	3.600E-01	2.610E-01	1.654E-01	4.697E-11	2.509E-07	1.210E-08	7.364E-08	2.348E-14
1.100E+04	3.790E-01	2.268E-01	1.872E-01	1.045E-10	2.125E-07	8.212E-09	6.297E-08	1.574E-14
1.120E+04	3.967E-01	1.945E-01	2.077E-01	2.238E-10	1.768E-07	5.445E-09	5.243E-08	1.027E-14
1.140E+04	4.128E-01	1.646E-01	2.268E-01	4.631E-10	1.447E-07	3.533E-09	4.262E-08	6.522E-15
1.160E+04	4.272E-01	1.378E-01	2.440E-01	9.282E-10	1.166E-07	2.249E-09	3.391E-08	4.048E-15
1.180E+04	4.397E-01	1.143E-01	2.592E-01	1.807E-09	9.281E-08	1.410E-09	2.649E-08	2.463E-15
1.200E+04	4.504E-01	9.409E-02	2.723E-01	3.423E-09	7.305E-08	8.728E-10	2.040E-08	1.475E-15
1.220E+04	4.594E-01	7.700E-02	2.834E-01	6.325E-09	5.701E-08	5.357E-10	1.553E-08	8.727E-16
1.240E+04	4.669E-01	6.277E-02	2.924E-01	1.143E-08	4.422E-08	3.271E-10	1.173E-08	5.124E-16
1.260E+04	4.731E-01	5.105E-02	3.002E-01	2.021E-08	3.416E-08	1.994E-10	8.809E-09	2.997E-16
1.280E+04	4.781E-01	4.149E-02	3.064E-01	3.504E-08	2.634E-08	1.216E-10	6.599E-09	1.751E-16
1.300E+04	4.822E-01	3.372E-02	3.115E-01	5.967E-08	2.030E-08	7.438E-11	4.940E-09	1.025E-16
1.320E+04	4.855E-01	2.745E-02	3.155E-01	9.987E-08	1.565E-08	4.571E-11	3.701E-09	6.024E-17
1.340E+04	4.882E-01	2.238E-02	3.188E-01	1.645E-07	1.209E-08	2.827E-11	2.779E-09	3.560E-17
1.360E+04	4.904E-01	1.830E-02	3.215E-01	2.668E-07	9.368E-09	1.760E-11	2.094E-09	2.118E-17
1.380E+04	4.921E-01	1.501E-02	3.236E-01	4.266E-07	7.280E-09	1.105E-11	1.583E-09	1.271E-17
1.400E+04	4.935E-01	1.235E-02	3.253E-01	6.730E-07	5.678E-09	6.996E-12	1.203E-09	7.683E-18
1.420E+04	4.947E-01	1.020E-02	3.267E-01	1.048E-06	4.447E-09	4.468E-12	9.180E-10	4.692E-18
1.440E+04	4.957E-01	8.450E-03	3.278E-01	1.611E-06	3.497E-09	2.879E-12	7.042E-10	2.887E-18
1.460E+04	4.965E-01	7.028E-03	3.286E-01	2.449E-06	2.761E-09	1.871E-12	5.429E-10	1.797E-18
1.480E+04	4.972E-01	5.867E-03	3.293E-01	3.680E-06	2.190E-09	1.228E-12	4.207E-10	1.128E-18
1.500E+04	4.978E-01	4.916E-03	3.299E-01	5.471E-06	1.745E-09	8.123E-13	3.278E-10	7.146E-19
1.520E+04	4.984E-01	4.134E-03	3.303E-01	8.048E-06	1.396E-09	5.422E-13	2.566E-10	4.569E-19
1.540E+04	4.990E-01	3.489E-03	3.305E-01	1.172E-05	1.122E-09	3.651E-13	2.020E-10	2.948E-19
1.560E+04	4.995E-01	2.965E-03	3.307E-01	1.691E-05	9.058E-10	2.479E-13	1.597E-10	1.919E-19
1.580E+04	5.000E-01	2.511E-03	3.308E-01	2.416E-05	7.342E-10	1.696E-13	1.269E-10	1.261E-19
1.600E+04	5.006E-01	2.142E-03	3.307E-01	3.420E-05	5.976E-10	1.170E-13	1.013E-10	8.350E-20
1.620E+04	5.013E-01	1.832E-03	3.306E-01	4.801E-05	4.985E-10	8.137E-14	8.124E-11	5.578E-20
1.640E+04	5.021E-01	1.573E-03	3.303E-01	6.680E-05	4.009E-10	5.699E-14	6.543E-11	3.756E-20
1.660E+04	5.029E-01	1.354E-03	3.299E-01	9.219E-05	3.303E-10	4.021E-14	5.291E-11	2.550E-20
1.680E+04	5.039E-01	1.170E-03	3.294E-01	1.262E-04	2.732E-10	2.857E-14	4.295E-11	1.745E-20
1.700E+04	5.051E-01	1.013E-03	3.287E-01	1.713E-04	2.269E-10	2.044E-14	3.500E-11	1.203E-20
1.720E+04	5.065E-01	8.798E-04	3.279E-01	2.308E-04	1.891E-10	1.471E-14	2.862E-11	8.353E-21
1.740E+04	5.081E-01	7.683E-04	3.269E-01	3.085E-04	1.582E-10	1.066E-14	2.348E-11	5.843E-21
1.760E+04	5.099E-01	6.681E-04	3.257E-01	4.094E-04	1.328E-10	7.771E-15	1.933E-11	4.116E-21
1.780E+04	5.119E-01	5.857E-04	3.243E-01	5.392E-04	1.119E-10	5.698E-15	1.596E-11	2.918E-21
1.800E+04	5.142E-01	5.140E-04	3.227E-01	7.050E-04	9.460E-11	4.201E-15	1.321E-11	2.083E-21
1.820E+04	5.167E-01	4.521E-04	3.208E-01	9.155E-04	8.023E-11	3.114E-15	1.096E-11	1.496E-21
1.840E+04	5.194E-01	3.985E-04	3.188E-01	1.181E-03	6.826E-11	2.319E-15	9.121E-12	1.080E-21
1.860E+04	5.224E-01	3.519E-04	3.166E-01	1.513E-03	5.823E-11	1.736E-15	7.606E-12	7.847E-22
1.880E+04	5.255E-01	3.115E-04	3.141E-01	1.926E-03	4.982E-11	1.305E-15	6.355E-12	5.729E-22
1.900E+04	5.288E-01	2.761E-04	3.114E-01	2.436E-03	4.272E-11	9.854E-16	5.321E-12	4.203E-22
1.920E+04	5.322E-01	2.462E-04	3.086E-01	3.065E-03	3.672E-11	7.468E-16	4.463E-12	3.097E-22
1.940E+04	5.356E-01	2.181E-04	3.055E-01	3.833E-03	3.163E-11	5.681E-16	3.749E-12	2.292E-22
1.960E+04	5.391E-01	1.942E-04	3.023E-01	4.769E-03	2.729E-11	4.335E-16	3.154E-12	1.702E-22
1.980E+04	5.426E-01	1.732E-04	2.989E-01	5.900E-03	2.358E-11	3.318E-16	2.656E-12	1.268E-22
2.000E+04	5.461E-01	1.546E-04	2.952E-01	7.262E-03	2.040E-11	2.545E-16	2.239E-12	9.472E-23
2.020E+04	5.495E-01	1.381E-04	2.913E-01	8.892E-03	1.767E-11	1.957E-16	1.888E-12	7.093E-23
2.040E+04	5.530E-01	1.234E-04	2.871E-01	1.083E-02	1.532E-11	1.507E-16	1.592E-12	5.321E-23
2.060E+04	5.564E-01	1.103E-04	2.825E-01	1.312E-02	1.329E-11	1.162E-16	1.342E-12	3.997E-23
2.080E+04	5.597E-01	9.865E-05	2.776E-01	1.581E-02	1.153E-11	8.961E-17	1.130E-12	3.005E-23
2.100E+04	5.631E-01	8.819E-05	2.722E-01	1.894E-02	1.001E-11	6.911E-17	9.504E-13	2.260E-23
2.120E+04	5.665E-01	7.779E-05	2.664E-01	2.255E-02	8.681E-12	5.326E-17	7.973E-13	1.698E-23
2.140E+04	5.700E-01	7.033E-05	2.599E-01	2.669E-02	7.527E-12	4.098E-17	6.669E-13	1.275E-23
2.160E+04	5.735E-01	6.270E-05	2.529E-01	3.137E-02	6.520E-12	3.147E-17	5.558E-13	9.554E-24
2.180E+04	5.771E-01	5.581E-05	2.453E-01	3.663E-02	5.640E-12	2.409E-17	4.611E-13	7.141E-24
2.200E+04	5.807E-01	4.957E-05	2.370E-01	4.247E-02	4.872E-12	1.837E-17	3.806E-13	5.319E-24
2.220E+04	5.845E-01	4.393E-05	2.281E-01	4.887E-02	4.200E-12	1.395E-17	3.122E-13	3.947E-24
2.240E+04	5.884E-01	3.882E-05	2.185E-01	5.581E-02	3.612E-12	1.054E-17	2.545E-13	2.914E-24
2.260E+04	5.924E-01	3.420E-05	2.084E-01	6.324E-02	3.098E-12	7.912E-18	2.060E-13	2.141E-24
2.280E+04	5.965E-01	3.004E-05	1.978E-01	7.110E-02	2.650E-12	5.904E-18	1.654E-13	1.563E-24
2.300E+04	6.007E-01	2.629E-05	1.869E-01	7.931E-02	2.259E-12	4.376E-18	1.318E-13	1.134E-24
2.320E+04	6.049E-01	2.292E-05	1.756E-01	8.777E-02	1.919E-12	3.220E-18	1.041E-13	8.167E-25
2.340E+04	6.090E-01	1.991E-05	1.642E-01	9.638E-02	1.624E-12	2.353E-18	8.156E-14	5.842E-25
2.360E+04	6.132E-01	1.723E-05	1.528E-01	1.050E-01	1.370E-12	1.706E-18	6.336E-14	4.148E-25
2.380E+04	6.173E-01	1.485E-05	1.415E-01	1.137E-01	1.151E-12	1.228E-18	4.882E-14	2.925E-25
2.400E+04	6.212E-01	1.276E-05	1.304E-01	1.221E-01	9.634E-13	8.776E-19	3.732E-14	2.047E-25
2.420E+04	6.250E-01	1.092E-05	1.197E-01	1.303E-01	8.036E-13	6.230E-19	2.831E-14	1.423E-25
2.440E+04	6.287E-01	9.315E-06	1.093E-01	1.382E-01	6.680E-13	4.394E-19	2.132E-14	9.830E-26
2.460E+04	6.321E-01	7.923E-06	9.953E-02	1.457E-01	5.536E-13	3.081E-19	1.596E-14	6.749E-26
2.480E+04	6.353E-01	6.721E-06	9.029E-02	1.528E-01	4.574E-13	2.149E-19	1.187E-14	4.609E-26
2.500E+04	6.384E-01	5.688E-06	8.165E-02	1.594E-01	3.770E-13	1.492E-19	8.787E-15	3.133E-26

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.885E-01	1.062E-01	2.208E-10	1.231E-07	1.384E-04	6.075E-06	1.879E-11	3.212E-07	8.400E+03
1.664E-01	1.223E-01	5.046E-10	1.143E-07	8.144E-05	5.146E-06	9.036E-12	2.032E-07	8.600E+03
1.444E-01	1.374E-01	1.107E-09	1.030E-07	4.778E-05	4.315E-06	4.344E-12	1.253E-07	8.800E+03
1.232E-01	1.518E-01	2.337E-09	9.024E-08	2.787E-05	3.577E-06	2.083E-12	7.538E-08	9.000E+03
1.035E-01	1.647E-01	4.740E-09	7.707E-08	1.617E-05	2.930E-06	9.949E-13	4.430E-08	9.200E+03
8.574E-02	1.756E-01	9.300E-09	6.439E-08	9.320E-06	2.369E-06	4.725E-13	2.551E-08	9.400E+03
7.024E-02	1.843E-01	1.758E-08	5.285E-08	5.343E-06	1.890E-06	2.228E-13	1.447E-08	9.600E+03
5.704E-02	1.906E-01	3.214E-08	4.278E-08	3.047E-06	1.487E-06	1.042E-13	8.112E-09	9.800E+03
4.603E-02	1.947E-01	5.693E-08	3.429E-08	1.728E-06	1.153E-06	4.819E-14	4.518E-09	1.000E+04
3.698E-02	1.968E-01	9.797E-08	2.727E-08	9.752E-07	8.818E-07	2.202E-14	2.509E-09	1.020E+04
2.962E-02	1.972E-01	1.643E-07	2.157E-08	5.472E-07	6.650E-07	9.922E-15	1.393E-09	1.040E+04
2.369E-02	1.963E-01	2.693E-07	1.698E-08	3.054E-07	4.949E-07	4.403E-15	7.748E-10	1.060E+04
1.894E-02	1.944E-01	4.328E-07	1.331E-08	1.694E-07	3.637E-07	1.923E-15	4.324E-10	1.080E+04
1.514E-02	1.919E-01	6.842E-07	1.040E-08	9.353E-08	2.644E-07	8.270E-16	2.424E-10	1.100E+04
1.211E-02	1.890E-01	1.067E-06	8.093E-09	5.141E-08	1.904E-07	3.505E-16	1.368E-10	1.120E+04
9.707E-03	1.860E-01	1.643E-06	6.284E-09	2.817E-08	1.361E-07	1.467E-16	7.772E-11	1.140E+04
7.798E-03	1.831E-01	2.506E-06	4.872E-09	1.542E-08	9.671E-08	6.086E-17	4.454E-11	1.160E+04
6.284E-03	1.805E-01	3.788E-06	3.774E-09	8.444E-09	6.851E-08	2.509E-17	2.578E-11	1.180E+04
5.682E-03	1.781E-01	5.680E-06	2.924E-09	4.639E-09	4.847E-08	1.033E-17	1.508E-11	1.200E+04
4.128E-03	1.761E-01	8.448E-06	2.268E-09	2.561E-09	3.431E-08	4.256E-18	8.924E-12	1.220E+04
3.367E-03	1.743E-01	1.247E-05	1.763E-09	1.423E-09	2.433E-08	1.763E-18	5.344E-12	1.240E+04
2.748E-03	1.729E-01	1.826E-05	1.374E-09	7.975E-10	1.732E-08	7.367E-19	3.239E-12	1.260E+04
2.273E-03	1.717E-01	2.653E-05	1.075E-09	4.512E-10	1.234E-08	3.111E-19	1.987E-12	1.280E+04
1.881E-03	1.707E-01	3.825E-05	8.436E-10	2.580E-10	8.901E-09	1.331E-19	1.234E-12	1.300E+04
1.564E-03	1.699E-01	5.468E-05	6.650E-10	1.492E-10	6.436E-09	5.773E-20	7.756E-13	1.320E+04
1.304E-03	1.692E-01	7.754E-05	5.265E-10	8.727E-11	4.682E-09	2.544E-20	4.931E-13	1.340E+04
1.095E-03	1.687E-01	1.091E-04	4.186E-10	5.166E-11	3.429E-09	1.139E-20	3.170E-13	1.360E+04
9.236E-04	1.682E-01	1.522E-04	3.344E-10	3.095E-11	2.527E-09	5.185E-21	2.060E-13	1.380E+04
7.817E-04	1.678E-01	2.104E-04	2.682E-10	1.876E-11	1.875E-09	2.400E-21	1.353E-13	1.400E+04
6.445E-04	1.675E-01	2.892E-04	2.161E-10	1.151E-11	1.400E-09	1.129E-21	8.975E-14	1.420E+04
5.669E-04	1.671E-01	3.940E-04	1.749E-10	7.142E-12	1.053E-09	5.403E-22	6.011E-14	1.440E+04
4.856E-04	1.668E-01	5.328E-04	1.421E-10	4.482E-12	7.961E-10	2.627E-22	4.063E-14	1.460E+04
4.174E-04	1.665E-01	7.149E-04	1.160E-10	2.844E-12	6.058E-10	1.298E-22	2.770E-14	1.480E+04
3.600E-04	1.661E-01	9.523E-04	9.499E-11	1.823E-12	4.636E-10	6.512E-23	1.904E-14	1.500E+04
3.115E-04	1.656E-01	1.259E-03	7.809E-11	1.181E-12	3.568E-10	3.316E-23	1.318E-14	1.520E+04
2.703E-04	1.651E-01	1.653E-03	6.442E-11	7.727E-13	2.760E-10	1.713E-23	9.198E-15	1.540E+04
2.352E-04	1.644E-01	2.154E-03	5.332E-11	5.102E-13	2.146E-10	8.974E-24	6.459E-15	1.560E+04
2.052E-04	1.637E-01	2.787E-03	4.426E-11	3.399E-13	1.676E-10	4.763E-24	4.563E-15	1.580E+04
1.794E-04	1.627E-01	3.581E-03	3.685E-11	2.283E-13	1.314E-10	2.561E-24	3.240E-15	1.600E+04
1.571E-04	1.615E-01	4.566E-03	3.075E-11	1.546E-13	1.034E-10	1.393E-24	2.312E-15	1.620E+04
1.378E-04	1.601E-01	5.779E-03	2.571E-11	1.054E-13	8.165E-11	7.666E-25	1.656E-15	1.640E+04
1.218E-04	1.583E-01	7.258E-03	2.154E-11	7.237E-14	6.464E-11	4.263E-25	1.190E-15	1.660E+04
1.063E-04	1.562E-01	9.043E-03	1.807E-11	4.998E-14	5.129E-11	2.394E-25	8.562E-16	1.680E+04
9.344E-05	1.537E-01	1.118E-02	1.517E-11	3.471E-14	4.077E-11	1.357E-25	6.177E-16	1.700E+04
8.211E-05	1.507E-01	1.370E-02	1.274E-11	2.422E-14	3.243E-11	7.755E-26	4.454E-16	1.720E+04
7.210E-05	1.473E-01	1.664E-02	1.071E-11	1.697E-14	2.581E-11	4.465E-26	3.209E-16	1.740E+04
6.323E-05	1.433E-01	2.002E-02	8.989E-12	1.193E-14	2.054E-11	2.588E-26	2.307E-16	1.760E+04
5.535E-05	1.388E-01	2.387E-02	7.540E-12	8.406E-15	1.633E-11	1.509E-26	1.654E-16	1.780E+04
4.834E-05	1.337E-01	2.818E-02	6.314E-12	5.935E-15	1.296E-11	8.839E-27	1.181E-16	1.800E+04
4.210E-05	1.281E-01	3.293E-02	5.277E-12	4.196E-15	1.027E-11	5.200E-27	8.391E-17	1.820E+04
3.655E-05	1.221E-01	3.809E-02	4.399E-12	2.968E-15	8.115E-12	3.065E-27	5.925E-17	1.840E+04
3.162E-05	1.156E-01	4.361E-02	3.656E-12	2.100E-15	6.393E-12	1.817E-27	4.155E-17	1.860E+04
2.724E-05	1.087E-01	4.941E-02	3.028E-12	1.485E-15	5.020E-12	1.077E-27	2.893E-17	1.880E+04
2.338E-05	1.017E-01	5.540E-02	2.499E-12	1.049E-15	3.928E-12	6.400E-28	1.998E-17	1.900E+04
1.998E-05	9.443E-02	6.150E-02	2.055E-12	7.399E-16	3.062E-12	3.805E-28	1.369E-17	1.920E+04
1.700E-05	8.717E-02	6.761E-02	1.683E-12	5.213E-16	2.377E-12	2.264E-28	9.305E-18	1.940E+04
1.441E-05	7.998E-02	7.344E-02	1.372E-12	3.668E-16	1.839E-12	1.348E-28	6.274E-18	1.960E+04
1.216E-05	7.297E-02	7.949E-02	1.115E-12	2.576E-16	1.418E-12	8.024E-29	4.198E-18	1.980E+04
1.023E-05	6.622E-02	8.508E-02	9.032E-13	1.807E-16	1.089E-12	4.777E-29	2.790E-18	2.000E+04
8.572E-06	5.979E-02	9.035E-02	7.291E-13	1.264E-16	8.335E-13	2.844E-29	1.842E-18	2.020E+04
7.165E-06	5.375E-02	9.525E-02	5.869E-13	8.845E-17	6.361E-13	1.693E-29	1.210E-18	2.040E+04
5.975E-06	4.813E-02	9.974E-02	4.713E-13	6.148E-17	4.841E-13	1.008E-29	7.907E-19	2.060E+04
4.972E-06	4.295E-02	1.038E-01	3.778E-13	4.320E-17	3.674E-13	5.995E-30	5.150E-19	2.080E+04
4.132E-06	3.821E-02	1.074E-01	3.025E-13	3.012E-17	2.781E-13	3.565E-30	3.345E-19	2.100E+04
3.430E-06	3.391E-02	1.106E-01	2.419E-13	2.101E-17	2.100E-13	2.118E-30	2.169E-19	2.120E+04
2.844E-06	3.003E-02	1.133E-01	1.934E-13	1.464E-17	1.583E-13	1.257E-30	1.402E-19	2.140E+04
2.361E-06	2.656E-02	1.156E-01	1.547E-13	1.019E-17	1.190E-13	7.450E-31	9.103E-20	2.160E+04
1.959E-06	2.345E-02	1.175E-01	1.238E-13	7.088E-18	8.922E-14	4.408E-31	5.901E-20	2.180E+04
1.627E-06	2.049E-02	1.191E-01	9.909E-14	4.932E-18	6.676E-14	2.602E-31	3.830E-20	2.200E+04
1.352E-06	1.824E-02	1.202E-01	7.944E-14	3.427E-18	4.983E-14	1.531E-31	2.491E-20	2.220E+04
1.125E-06	1.608E-02	1.211E-01	6.377E-14	2.379E-18	3.710E-14	8.986E-32	1.623E-20	2.240E+04
9.367E-07	1.417E-02	1.217E-01	5.127E-14	1.650E-18	2.755E-14	5.253E-32	1.058E-20	2.260E+04
7.813E-07	1.249E-02	1.220E-01	4.129E-14	1.142E-18	2.041E-14	3.059E-32	6.959E-21	2.280E+04
6.527E-07	1.102E-02	1.221E-01	3.332E-14	7.901E-19	1.507E-14	1.773E-32	4.578E-21	2.300E+04
5.462E-07	9.718E-03	1.220E-01	2.693E-14	5.457E-19	1.110E-14	1.023E-32	3.022E-21	2.320E+04
4.578E-07	8.579E-03	1.217E-01	2.180E-14	3.763E-19	8.158E-15	5.872E-33	2.002E-21	2.340E+04
3.844E-07	7.579E-03	1.214E-01	1.769E-14	2.591E-19	5.978E-15	3.355E-33	1.331E-21	2.360E+04
3.234E-07	6.702E-03	1.209E-01	1.437E-14	1.782E-19	4.370E-15	1.907E-33	8.887E-22	2.380E+04
2.725E-07	5.933E-03	1.203E-01	1.170E-14	1.223E-19	3.188E-15	1.079E-33	5.955E-22	2.400E+04
2.301E-07	5.258E-03	1.197E-01	9.541E-15	8.392E-20	2.320E-15	6.084E-34	4.007E-22	2.420E+04
1.944E-07	4.605E-03	1.191E-01	7.794E-15	5.751E-20	1.686E-15	3.415E-34	2.706E-22	2.440E+04
1.650E-07	4.145E-03	1.185E-01	6.378E-15	3.939E-20	1.224E-15	1.911E-34	1.835E-22	2.460E+04
1.401E-07	3.688E-03	1.179E-01	5.228E-15	2.696E-20	8.875E-16	1.067E-34	1.250E-22	2.480E+04
1.192E-07	3.285E-03	1.173E-01	4.281E-15	1.846E-20	6.431E-16	5.940E-35	8.545E-23	2.500E+04

Table II. - Continued.

P/PO = 8.00E-03

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.597E-11	1.760E-18	0.
2.000E+02	0.	8.603E-67	0.	0.	0.	5.253E-11	1.760E-18	0.
3.000E+02	0.	3.980E-45	3.520E-79	0.	0.	5.599E-11	1.760E-18	0.
4.000E+02	0.	2.653E-34	9.553E-62	0.	0.	4.789E-11	1.760E-18	0.
5.000E+02	0.	9.070E-28	2.717E-51	0.	0.	4.834E-11	1.760E-18	0.
6.000E+02	1.350E-91	2.104E-23	2.598E-44	0.	0.	4.850E-11	1.760E-18	0.
7.000E+02	8.084E-77	3.337E-20	2.148E-39	0.	6.863E-89	6.896E-11	1.760E-18	1.324E-82
8.000E+02	1.942E-64	3.687E-17	2.433E-36	0.	6.156E-75	1.701E-09	1.760E-18	7.174E-70
9.000E+02	1.622E-54	1.191E-14	4.225E-34	0.	1.152E-63	3.910E-08	1.760E-18	2.072E-59
1.000E+03	1.454E-46	1.225E-12	2.617E-32	0.	1.221E-54	4.855E-07	1.760E-18	4.967E-51
1.100E+03	4.787E-40	5.441E-11	7.697E-31	0.	2.977E-47	3.806E-06	1.760E-18	3.548E-44
1.200E+03	1.309E-34	1.286E-09	1.295E-29	0.	4.243E-41	2.112E-05	1.760E-18	1.617E-38
1.300E+03	2.294E-30	1.872E-08	1.416E-28	0.	6.825E-36	8.982E-05	1.760E-18	1.227E-33
1.400E+03	4.753E-26	1.859E-07	1.104E-27	0.	1.977E-31	3.100E-04	1.760E-18	1.683E-29
1.500E+03	1.790E-22	1.360E-06	6.567E-27	0.	1.452E-27	9.044E-04	1.759E-18	6.452E-26
1.600E+03	1.210E-19	7.756E-06	3.349E-26	0.	3.266E-24	2.300E-03	1.877E-18	8.197E-23
1.700E+03	9.255E-18	3.597E-05	7.834E-25	0.	5.310E-22	5.212E-03	1.102E-17	8.021E-21
1.800E+03	1.514E-16	1.402E-04	3.754E-23	0.	1.678E-20	1.070E-02	1.533E-16	1.606E-19
1.900E+03	1.720E-15	4.711E-04	1.285E-21	0.	3.395E-19	2.009E-02	1.724E-15	2.145E-18
2.000E+03	1.517E-14	1.390E-03	3.115E-20	0.	4.955E-18	3.479E-02	1.520E-14	2.133E-17
2.100E+03	1.076E-13	3.654E-03	5.597E-19	1.073E-85	5.441E-17	5.569E-02	1.078E-13	1.423E-16
2.200E+03	6.290E-13	8.645E-03	7.760E-18	1.933E-81	4.627E-16	8.243E-02	6.303E-13	9.821E-16
2.300E+03	3.089E-12	1.856E-02	8.565E-17	1.528E-77	3.113E-15	1.126E-01	3.096E-12	4.705E-15
2.400E+03	1.794E-11	3.633E-02	7.795E-16	5.911E-74	1.684E-14	1.416E-01	1.297E-11	1.811E-14
2.500E+03	4.681E-11	6.516E-02	5.947E-15	1.228E-70	7.416E-14	1.632E-01	4.691E-11	5.636E-14
2.600E+03	1.477E-10	1.074E-01	3.889E-14	1.481E-67	2.687E-13	1.719E-01	1.479E-10	1.423E-13
2.700E+03	4.096E-10	1.631E-01	2.217E-13	1.109E-64	8.074E-13	1.647E-01	4.100E-10	2.926E-13
2.800E+03	1.007E-09	2.286E-01	1.118E-12	5.449E-62	2.026E-12	1.432E-01	1.006E-09	4.907E-13
2.900E+03	2.208E-09	2.968E-01	5.049E-12	1.853E-59	4.279E-12	1.129E-01	2.201E-09	6.748E-13
3.000E+03	4.366E-09	3.587E-01	2.062E-11	4.503E-57	7.718E-12	8.110E-02	4.327E-09	7.723E-13
3.100E+03	7.899E-09	4.079E-01	7.604E-11	8.044E-55	1.217E-11	5.399E-02	7.743E-09	7.575E-13
3.200E+03	1.334E-08	4.426E-01	2.625E-10	1.070E-52	1.733E-11	3.410E-02	1.279E-08	6.647E-13
3.300E+03	2.148E-08	4.650E-01	9.248E-10	1.069E-50	2.309E-11	2.097E-02	1.975E-08	5.599E-13
3.400E+03	3.373E-08	4.787E-01	2.379E-09	7.990E-49	2.974E-11	1.281E-02	2.867E-08	4.397E-13
3.500E+03	5.269E-08	4.869E-01	6.277E-09	4.451E-47	3.806E-11	7.895E-03	3.917E-08	3.571E-13
3.600E+03	8.322E-08	4.919E-01	1.508E-08	1.843E-45	4.940E-11	4.925E-03	5.022E-08	2.998E-13
3.700E+03	1.340E-07	4.948E-01	3.300E-08	5.715E-44	6.570E-11	3.133E-03	6.046E-08	2.631E-13
3.800E+03	2.196E-07	4.967E-01	6.638E-08	1.359E-42	8.953E-11	2.033E-03	6.886E-08	2.413E-13
3.900E+03	3.638E-07	4.978E-01	1.244E-07	2.564E-41	1.241E-10	1.345E-03	7.510E-08	2.294E-13
4.000E+03	6.036E-07	4.985E-01	2.200E-07	3.968E-40	1.734E-10	9.074E-04	7.937E-08	2.240E-13
4.100E+03	9.966E-07	4.990E-01	3.714E-07	5.174E-39	2.426E-10	6.233E-04	8.204E-08	2.228E-13
4.200E+03	1.634E-06	4.993E-01	6.021E-07	5.792E-38	3.392E-10	4.356E-04	8.332E-08	2.249E-13
4.300E+03	2.660E-06	4.996E-01	9.404E-07	5.624E-37	4.737E-10	3.095E-04	8.327E-08	2.303E-13
4.400E+03	4.314E-06	4.998E-01	1.415E-06	4.760E-36	6.627E-10	2.233E-04	8.180E-08	2.395E-13
4.500E+03	6.999E-06	5.001E-01	2.048E-06	3.518E-35	9.324E-10	1.635E-04	7.878E-08	2.540E-13
4.600E+03	1.140E-05	5.004E-01	2.950E-06	2.272E-34	1.324E-09	1.214E-04	7.422E-08	2.752E-13
4.700E+03	1.868E-05	5.010E-01	3.812E-06	1.288E-33	1.901E-09	9.135E-05	6.837E-08	3.052E-13
4.800E+03	3.077E-05	5.020E-01	4.920E-06	6.478E-33	2.757E-09	6.968E-05	6.176E-08	3.460E-13
4.900E+03	5.073E-05	5.036E-01	6.164E-06	2.929E-32	4.026E-09	5.387E-05	5.501E-08	3.994E-13
5.000E+03	8.331E-05	5.061E-01	7.557E-06	1.213E-31	5.888E-09	4.225E-05	4.869E-08	4.671E-13
5.100E+03	1.354E-04	5.101E-01	9.142E-06	4.691E-31	8.578E-09	3.365E-05	4.319E-08	5.505E-13
5.200E+03	2.164E-04	5.159E-01	1.101E-05	1.724E-30	1.238E-08	2.724E-05	3.874E-08	6.507E-13
5.300E+03	3.386E-04	5.240E-01	1.329E-05	6.117E-30	1.762E-08	2.245E-05	3.538E-08	7.679E-13
5.400E+03	5.161E-04	5.347E-01	1.618E-05	2.125E-29	2.462E-08	1.882E-05	3.009E-08	9.009E-13
5.500E+03	7.645E-04	5.478E-01	1.992E-05	7.293E-29	3.367E-09	1.603E-05	3.175E-08	1.046E-12
5.600E+03	1.099E-03	5.627E-01	2.485E-05	2.485E-28	4.493E-08	1.382E-05	3.124E-08	1.196E-12
5.700E+03	1.534E-03	5.784E-01	3.136E-05	8.417E-28	5.840E-08	1.202E-05	3.141E-08	1.342E-12
5.800E+03	2.081E-03	5.937E-01	3.994E-05	2.830E-27	7.389E-08	1.050E-05	3.211E-08	1.472E-12
5.900E+03	2.752E-03	6.078E-01	5.118E-05	9.412E-27	9.110E-08	9.179E-06	3.319E-08	1.579E-12
6.000E+03	3.557E-03	6.200E-01	6.577E-05	3.085E-26	1.096E-07	8.012E-06	3.456E-08	1.657E-12
6.100E+03	4.507E-03	6.298E-01	8.456E-05	9.927E-26	1.292E-07	6.978E-06	3.612E-08	1.703E-12
6.200E+03	5.617E-03	6.375E-01	1.085E-04	3.127E-25	1.494E-07	6.065E-06	3.782E-08	1.721E-12
6.300E+03	6.903E-03	6.430E-01	1.389E-04	9.614E-25	1.702E-07	5.263E-06	3.961E-08	1.716E-12
6.400E+03	8.383E-03	6.469E-01	1.770E-04	2.882E-24	1.914E-07	4.566E-06	4.147E-08	1.692E-12
6.500E+03	1.008E-02	6.494E-01	2.244E-04	8.413E-24	2.131E-07	3.962E-06	4.338E-08	1.655E-12
6.600E+03	1.201E-02	6.507E-01	2.832E-04	2.391E-23	2.351E-07	3.441E-06	4.533E-08	1.608E-12
6.700E+03	1.421E-02	6.512E-01	3.554E-04	6.619E-23	2.576E-07	2.993E-06	4.732E-08	1.556E-12
6.800E+03	1.669E-02	6.509E-01	4.437E-04	1.785E-22	2.805E-07	2.609E-06	4.934E-08	1.499E-12
6.900E+03	1.948E-02	6.500E-01	5.510E-04	4.692E-22	3.037E-07	2.278E-06	5.140E-08	1.441E-12
7.000E+03	2.261E-02	6.486E-01	6.808E-04	1.203E-21	3.271E-07	1.994E-06	5.348E-08	1.381E-12
7.100E+03	2.610E-02	6.467E-01	8.371E-04	3.013E-21	3.507E-07	1.749E-06	5.560E-08	1.321E-12
7.200E+03	2.997E-02	6.443E-01	1.024E-03	7.375E-21	3.743E-07	1.537E-06	5.774E-08	1.261E-12
7.300E+03	3.424E-02	6.416E-01	1.248E-03	1.766E-20	3.979E-07	1.353E-06	5.992E-08	1.202E-12
7.400E+03	3.894E-02	6.384E-01	1.513E-03	4.141E-20	4.211E-07	1.194E-06	6.212E-08	1.143E-12
7.500E+03	4.406E-02	6.349E-01	1.827E-03	9.518E-20	4.439E-07	1.055E-06	6.435E-08	1.085E-12
7.600E+03	4.964E-02	6.309E-01	2.198E-03	2.146E-19	4.660E-07	9.339E-07	6.662E-08	1.027E-12
7.700E+03	5.566E-02	6.266E-01	2.634E-03	4.752E-19	4.873E-07	8.279E-07	6.891E-08	9.712E-13
7.800E+03	6.214E-02	6.218E-01	3.146E-03	1.034E-18	5.075E-07	7.348E-07	7.123E-08	9.159E-13
7.900E+03	6.906E-02	6.167E-01	3.744E-03	2.213E-18	5.264E-07	6.530E-07	7.358E-08	8.617E-13
8.000E+03	7.643E-02	6.111E-01	4.442E-03	4.663E-18	5.439E-07	5.809E-07	7.597E-08	8.087E-13
8.200E+03	9.240E-02	5.988E-01	6.200E-03	1.980E-17	5.736E-07	4.609E-07	8.086E-08	7.067E-13

Table II. - Continued.

P/P0 = 0.00E-03

C	C+	C++	C-	C()	Cu+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
2.160E-46	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
4.477E-77	3.194E-76	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
2.414E-03	1.774E-05	0.	0.	0.	0.	1.000E+00	4.930E-90	7.000E+02
2.363E-94	1.514E-56	0.	0.	0.	0.	1.000E+00	1.380E-77	8.000E+02
1.225E-77	3.571E-54	0.	0.	0.	0.	1.000E+00	1.836E-66	9.000E+02
2.663E-42	0.513E-50	0.	2.334E-85	9.710E-07	7.958E-28	1.000E+00	3.573E-61	1.000E+03
7.158E-38	6.754E-47	0.	3.980E-75	7.612E-06	6.348E-27	1.000E+00	3.287E-55	1.100E+03
3.301E-34	3.720E-44	0.	1.338E-66	4.224E-05	3.585E-26	9.999E-01	3.372E-50	1.200E+03
4.168E-31	3.140E-40	0.	2.194E-59	1.797E-04	1.552E-25	9.997E-01	4.941E-46	1.300E+03
1.901E-26	3.908E-40	0.	3.348E-53	6.201E-04	5.450E-25	9.991E-01	1.993E-42	1.400E+03
3.836E-26	2.190E-38	2.571E-53	7.645E-48	1.810E-03	1.620E-24	9.973E-01	2.658E-39	1.500E+03
3.491E-24	0.543E-37	1.234E-51	3.485E-43	4.807E-03	4.489E-24	9.931E-01	1.439E-36	1.600E+03
2.404E-22	7.310E-35	6.988E-47	8.070E-40	1.046E-02	6.121E-23	9.843E-01	3.711E-34	1.700E+03
9.171E-21	1.404E-32	9.797E-42	2.709E-37	2.153E-02	1.806E-21	9.676E-01	5.144E-32	1.800E+03
2.378E-19	1.071E-30	4.592E-77	4.554E-35	4.066E-02	3.989E-20	9.388E-01	4.214E-30	1.900E+03
4.438E-18	1.248E-28	7.560E-73	4.486E-33	7.097E-02	6.478E-19	8.929E-01	2.199E-28	2.000E+03
6.212E-17	6.244E-27	5.009E-69	2.787E-31	1.190E-01	8.026E-18	8.256E-01	7.761E-27	2.100E+03
8.784E-16	2.213E-25	1.575E-65	1.155E-29	1.735E-01	7.864E-17	7.354E-01	1.943E-25	2.200E+03
5.950E-15	5.034E-24	2.530E-62	3.336E-28	2.438E-01	6.253E-16	6.250E-01	3.591E-24	2.300E+03
4.303E-14	1.150E-22	2.310E-59	6.973E-27	3.195E-01	4.140E-15	5.025E-01	5.079E-23	2.400E+03
2.029E-13	1.968E-21	1.301E-56	1.091E-25	3.916E-01	2.335E-14	3.800E-01	5.690E-22	2.500E+03
1.349E-12	2.711E-20	4.666E-54	1.317E-24	4.511E-01	1.147E-13	2.656E-01	5.224E-21	2.600E+03
6.507E-12	3.230E-19	1.292E-51	1.264E-23	4.925E-01	5.032E-13	1.797E-01	4.057E-20	2.700E+03
2.708E-11	3.444E-18	2.588E-49	9.947E-23	5.150E-01	2.015E-12	1.131E-01	2.849E-19	2.800E+03
1.395E-10	3.280E-17	4.128E-47	6.633E-22	5.225E-01	7.539E-12	6.785E-02	1.830E-16	2.900E+03
4.108E-10	3.135E-16	5.425E-45	3.601E-21	5.209E-01	2.682E-11	3.925E-02	1.120E-17	3.000E+03
1.470E-09	2.731E-15	5.987E-43	1.945E-20	5.159E-01	9.158E-11	2.225E-02	3.643E-17	3.100E+03
5.091E-09	2.268E-14	5.482E-41	5.022E-20	5.108E-01	2.995E-10	1.257E-02	3.806E-16	3.200E+03
1.678E-08	1.725E-13	4.072E-39	3.859E-19	5.069E-01	9.297E-10	7.166E-03	2.081E-15	3.300E+03
5.288E-08	1.187E-12	2.393E-37	1.546E-18	5.043E-01	2.704E-09	4.161E-03	1.071E-14	3.400E+03
1.503E-07	7.271E-12	1.087E-35	5.904E-18	5.027E-01	7.275E-09	2.471E-03	5.149E-14	3.500E+03
4.499E-07	3.923E-11	3.761E-34	2.131E-17	5.017E-01	1.793E-08	1.503E-03	2.302E-13	3.600E+03
1.161E-06	1.862E-10	9.926E-33	7.662E-17	5.011E-01	4.040E-08	9.369E-04	9.580E-13	3.700E+03
3.013E-06	7.331E-10	2.036E-31	2.709E-16	5.007E-01	8.369E-08	5.979E-04	3.719E-12	3.800E+03
7.339E-06	2.963E-09	3.347E-30	9.476E-16	5.005E-01	1.615E-07	3.901E-04	1.351E-11	3.900E+03
1.712E-05	1.024E-08	4.554E-29	3.132E-15	5.003E-01	2.941E-07	2.600E-04	4.614E-11	4.000E+03
3.836E-05	3.273E-08	5.262E-28	9.953E-15	5.002E-01	5.108E-07	1.767E-04	1.486E-10	4.100E+03
7.275E-05	9.754E-08	5.252E-27	3.041E-14	5.000E-01	6.510E-07	1.223E-04	4.536E-10	4.200E+03
1.723E-04	2.723E-07	4.575E-26	8.954E-14	4.999E-01	1.364E-06	8.608E-05	1.314E-09	4.300E+03
3.472E-04	7.135E-07	3.491E-25	2.554E-13	4.998E-01	2.104E-06	6.157E-05	3.628E-09	4.400E+03
6.779E-04	1.754E-06	2.335E-24	7.093E-13	4.990E-01	3.118E-06	4.468E-05	9.570E-09	4.500E+03
1.235E-03	4.046E-06	1.370E-23	1.928E-12	4.981E-01	4.432E-06	3.287E-05	2.416E-08	4.600E+03
2.305E-03	6.702E-06	7.071E-23	5.146E-12	4.965E-01	6.040E-06	2.448E-05	5.844E-08	4.700E+03
4.233E-03	1.788E-05	3.235E-22	1.347E-11	4.936E-01	7.909E-06	1.842E-05	1.354E-07	4.800E+03
7.360E-03	3.422E-05	1.328E-21	3.441E-11	4.889E-01	9.996E-06	1.399E-05	3.000E-07	4.900E+03
1.241E-02	6.345E-05	4.960E-21	8.522E-11	4.812E-01	1.225E-05	1.069E-05	6.332E-07	5.000E+03
2.026E-02	1.116E-04	1.710E-20	2.028E-10	4.694E-01	1.464E-05	8.202E-06	1.266E-06	5.100E+03
3.166E-02	1.003E-04	5.906E-20	4.591E-10	4.518E-01	1.710E-05	6.292E-06	2.378E-06	5.200E+03
4.815E-02	3.057E-04	1.673E-19	9.792E-10	4.271E-01	1.958E-05	4.805E-06	4.157E-06	5.300E+03
6.952E-02	4.780E-04	4.630E-19	1.951E-09	3.947E-01	2.199E-05	3.634E-06	6.708E-06	5.400E+03
9.569E-02	7.204E-04	1.334E-18	3.611E-09	3.550E-01	2.420E-05	2.707E-06	9.926E-06	5.500E+03
1.254E-01	1.046E-03	3.538E-18	6.193E-09	3.097E-01	2.609E-05	1.977E-06	1.344E-05	5.600E+03
1.568E-01	1.475E-03	9.045E-18	9.857E-09	2.617E-01	2.754E-05	1.409E-06	1.668E-05	5.700E+03
1.876E-01	2.013E-03	2.236E-17	1.463E-08	2.144E-01	2.846E-05	9.797E-07	1.912E-05	5.800E+03
2.158E-01	2.672E-03	5.354E-17	2.039E-08	1.708E-01	2.883E-05	6.644E-07	2.041E-05	5.900E+03
2.402E-01	3.462E-03	1.245E-16	2.643E-08	1.327E-01	2.868E-05	4.408E-07	2.052E-05	6.000E+03
2.599E-01	4.395E-03	2.614E-16	3.400E-08	1.012E-01	2.810E-05	2.874E-07	1.965E-05	6.100E+03
2.752E-01	5.482E-03	6.198E-16	4.137E-08	7.605E-02	2.719E-05	1.851E-07	1.813E-05	6.200E+03
2.865E-01	6.738E-03	1.331E-15	4.888E-08	5.663E-02	2.606E-05	1.183E-07	1.626E-05	6.300E+03
2.944E-01	8.182E-03	2.792E-15	5.644E-08	4.194E-02	2.481E-05	7.543E-08	1.429E-05	6.400E+03
2.994E-01	9.831E-03	5.726E-15	6.399E-08	3.101E-02	2.350E-05	4.811E-08	1.238E-05	6.500E+03
3.023E-01	1.171E-02	1.149E-14	7.149E-08	2.933E-02	2.219E-05	3.078E-08	1.062E-05	6.600E+03
3.034E-01	1.383E-02	2.260E-14	7.642E-08	1.698E-02	2.090E-05	1.979E-08	9.048E-06	6.700E+03
3.031E-01	1.623E-02	4.356E-14	8.626E-08	1.262E-02	1.966E-05	1.280E-08	7.674E-06	6.800E+03
3.016E-01	1.891E-02	8.247E-14	9.346E-08	9.409E-03	1.847E-05	8.338E-09	6.488E-06	6.900E+03
2.992E-01	2.191E-02	1.533E-13	1.005E-07	7.044E-03	1.735E-05	5.474E-09	5.474E-06	7.000E+03
2.958E-01	2.525E-02	2.801E-13	1.073E-07	5.294E-03	1.629E-05	3.610E-09	4.609E-06	7.100E+03
2.917E-01	2.893E-02	5.034E-13	1.136E-07	3.894E-03	1.528E-05	2.400E-09	3.875E-06	7.200E+03
2.869E-01	3.294E-02	8.905E-13	1.194E-07	3.025E-03	1.433E-05	1.666E-09	3.253E-06	7.300E+03
2.814E-01	3.741E-02	1.552E-12	1.255E-07	2.299E-03	1.344E-05	1.081E-09	2.727E-06	7.400E+03
2.752E-01	4.222E-02	2.664E-12	1.306E-07	1.725E-03	1.259E-05	7.315E-10	2.281E-06	7.500E+03
2.685E-01	4.743E-02	4.510E-12	1.350E-07	1.300E-03	1.179E-05	4.976E-10	1.903E-06	7.600E+03
2.611E-01	5.302E-02	7.533E-12	1.387E-07	1.027E-03	1.103E-05	3.401E-10	1.584E-06	7.700E+03
2.531E-01	5.898E-02	1.242E-11	1.416E-07	7.883E-04	1.031E-05	2.334E-10	1.315E-06	7.800E+03
2.446E-01	6.531E-02	2.021E-11	1.436E-07	6.063E-04	9.624E-06	1.607E-10	1.088E-06	7.900E+03
2.356E-01	7.198E-02	3.250E-11	1.446E-07	4.669E-04	8.573E-06	1.110E-10	8.961E-07	8.000E+03
2.162E-01	8.619E-02	8.111E-11	1.437E-07	2.775E-04	7.764E-06	5.337E-11	6.003E-07	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+33	1.098E-01	5.848E-01	8.560E-03	7.961E-17	5.953E-07	3.666E-07	8.588E-08	6.107E-13
8.600E+03	1.285E-01	5.693E-01	1.171E-02	3.045E-16	6.080E-07	2.921E-07	9.104E-08	5.216E-13
8.800E+03	1.480E-01	5.521E-01	1.586E-02	1.112E-15	6.114E-07	2.328E-07	9.626E-08	4.400E-13
9.000E+03	1.680E-01	5.334E-01	2.129E-02	3.883E-15	6.056E-07	1.854E-07	1.014E-07	3.665E-13
9.200E+03	1.882E-01	5.129E-01	2.829E-02	1.299E-14	5.912E-07	1.473E-07	1.062E-07	3.013E-13
9.400E+03	2.086E-01	4.904E-01	3.716E-02	4.160E-14	5.692E-07	1.165E-07	1.103E-07	2.443E-13
9.600E+03	2.289E-01	4.654E-01	4.817E-02	1.275E-13	5.407E-07	9.143E-08	1.132E-07	1.952E-13
9.800E+03	2.494E-01	4.390E-01	6.147E-02	3.730E-13	5.069E-07	7.100E-08	1.142E-07	1.534E-13
1.003E+04	2.699E-01	4.097E-01	7.708E-02	1.041E-12	4.689E-07	5.438E-08	1.130E-07	1.184E-13
1.020E+04	2.905E-01	3.782E-01	9.484E-02	2.773E-12	4.277E-07	4.095E-08	1.093E-07	8.949E-14
1.040E+04	3.111E-01	3.449E-01	1.144E-01	7.046E-12	3.843E-07	3.023E-08	1.029E-07	6.610E-14
1.060E+04	3.316E-01	3.104E-01	1.352E-01	1.711E-11	3.399E-07	2.184E-08	9.431E-08	4.617E-14
1.080E+04	3.516E-01	2.756E-01	1.567E-01	3.981E-11	2.956E-07	1.541E-08	8.405E-08	3.339E-14
1.100E+04	3.708E-01	2.414E-01	1.781E-01	8.821E-11	2.528E-07	1.062E-08	7.286E-08	2.278E-14
1.120E+04	3.899E-01	2.086E-01	1.988E-01	1.912E-10	2.124E-07	7.157E-09	6.152E-08	1.512E-14
1.140E+04	4.055E-01	1.779E-01	2.184E-01	3.971E-10	1.756E-07	4.717E-09	5.068E-08	9.777E-15
1.160E+04	4.205E-01	1.501E-01	2.362E-01	7.985E-10	1.429E-07	3.048E-09	4.084E-08	6.172E-15
1.180E+04	4.338E-01	1.254E-01	2.521E-01	1.559E-09	1.147E-07	1.937E-09	3.229E-08	3.816E-15
1.200E+04	4.452E-01	1.039E-01	2.660E-01	2.960E-09	9.107E-08	1.215E-09	2.513E-08	2.319E-15
1.220E+04	4.549E-01	8.546E-02	2.779E-01	5.482E-09	7.160E-08	7.542E-10	1.932E-08	1.390E-15
1.240E+04	4.631E-01	7.001E-02	2.879E-01	9.920E-09	5.590E-08	4.651E-10	1.471E-08	8.257E-16
1.260E+04	4.698E-01	5.718E-02	2.963E-01	1.757E-08	4.343E-08	2.858E-10	1.113E-08	4.876E-16
1.280E+04	4.754E-01	4.663E-02	3.031E-01	3.051E-08	3.364E-08	1.756E-10	8.385E-09	2.873E-16
1.300E+04	4.799E-01	3.802E-02	3.087E-01	5.199E-08	2.603E-08	1.080E-10	6.308E-09	1.693E-16
1.320E+04	4.836E-01	3.102E-02	3.132E-01	8.709E-08	2.014E-08	6.672E-11	4.745E-09	1.001E-16
1.340E+04	4.866E-01	2.585E-02	3.169E-01	1.435E-07	1.560E-08	4.142E-11	3.575E-09	5.943E-17
1.360E+04	4.890E-01	2.076E-02	3.199E-01	2.329E-07	1.211E-08	2.588E-11	2.701E-09	3.550E-17
1.380E+04	4.910E-01	1.705E-02	3.223E-01	3.726E-07	9.428E-09	1.629E-11	2.047E-09	2.136E-17
1.400E+04	4.926E-01	1.404E-02	3.242E-01	5.880E-07	7.365E-09	1.034E-11	1.505E-09	1.293E-17
1.420E+04	4.939E-01	1.160E-02	3.258E-01	9.157E-07	5.774E-09	6.612E-12	1.191E-09	7.924E-18
1.440E+04	4.950E-01	9.622E-03	3.270E-01	1.409E-06	4.545E-09	4.266E-12	9.144E-10	4.889E-18
1.460E+04	4.960E-01	8.008E-03	3.280E-01	2.141E-06	3.592E-09	2.777E-12	7.057E-10	3.044E-18
1.480E+04	4.967E-01	6.688E-03	3.288E-01	3.218E-06	2.851E-09	1.823E-12	5.474E-10	1.911E-18
1.500E+04	4.974E-01	5.606E-03	3.294E-01	4.785E-06	2.273E-09	1.207E-12	4.267E-10	1.212E-18
1.520E+04	4.980E-01	4.716E-03	3.299E-01	7.041E-06	1.819E-09	8.066E-13	3.343E-10	7.762E-19
1.540E+04	4.986E-01	3.981E-03	3.303E-01	1.026E-05	1.463E-09	5.433E-13	2.632E-10	5.011E-19
1.560E+04	4.991E-01	3.373E-03	3.305E-01	1.479E-05	1.181E-09	3.690E-13	2.092E-10	3.264E-19
1.580E+04	4.997E-01	2.867E-03	3.307E-01	2.114E-05	9.573E-10	2.527E-13	1.655E-10	2.144E-19
1.600E+04	5.003E-01	2.445E-03	3.307E-01	2.995E-05	7.793E-10	1.744E-13	1.322E-10	1.421E-19
1.620E+04	5.009E-01	2.093E-03	3.306E-01	4.204E-05	6.370E-10	1.213E-13	1.060E-10	9.493E-20
1.640E+04	5.016E-01	1.796E-03	3.304E-01	5.853E-05	5.227E-10	8.496E-14	8.543E-11	6.394E-20
1.660E+04	5.024E-01	1.547E-03	3.301E-01	8.079E-05	4.307E-10	5.996E-14	6.911E-11	4.341E-20
1.680E+04	5.033E-01	1.336E-03	3.297E-01	1.106E-04	3.562E-10	4.261E-14	5.612E-11	2.970E-20
1.700E+04	5.044E-01	1.167E-03	3.291E-01	1.503E-04	2.958E-10	3.048E-14	4.575E-11	2.047E-20
1.720E+04	5.056E-01	1.005E-03	3.284E-01	2.026E-04	2.465E-10	2.195E-14	3.743E-11	1.422E-20
1.740E+04	5.071E-01	8.766E-04	3.275E-01	2.710E-04	2.062E-10	1.591E-14	3.072E-11	9.945E-21
1.760E+04	5.087E-01	7.647E-04	3.264E-01	3.598E-04	1.731E-10	1.160E-14	2.530E-11	7.005E-21
1.780E+04	5.106E-01	6.695E-04	3.251E-01	4.743E-04	1.458E-10	8.506E-15	2.090E-11	4.967E-21
1.800E+04	5.127E-01	5.876E-04	3.237E-01	6.207E-04	1.232E-10	6.273E-15	1.731E-11	3.544E-21
1.820E+04	5.150E-01	5.168E-04	3.220E-01	8.066E-04	1.045E-10	4.651E-15	1.438E-11	2.545E-21
1.840E+04	5.176E-01	4.567E-04	3.201E-01	1.041E-03	8.888E-11	3.466E-15	1.197E-11	1.839E-21
1.860E+04	5.203E-01	4.025E-04	3.180E-01	1.335E-03	7.582E-11	2.595E-15	9.988E-12	1.336E-21
1.880E+04	5.233E-01	3.563E-04	3.157E-01	1.701E-03	6.486E-11	1.952E-15	8.353E-12	9.754E-22
1.900E+04	5.265E-01	3.160E-04	3.132E-01	2.154E-03	5.563E-11	1.475E-15	6.999E-12	7.158E-22
1.920E+04	5.297E-01	2.807E-04	3.105E-01	2.711E-03	4.782E-11	1.119E-15	5.875E-12	5.278E-22
1.940E+04	5.331E-01	2.497E-04	3.076E-01	3.393E-03	4.120E-11	8.515E-16	4.940E-12	3.908E-22
1.960E+04	5.365E-01	2.225E-04	3.045E-01	4.223E-03	3.556E-11	6.504E-16	4.160E-12	2.904E-22
1.980E+04	5.400E-01	1.985E-04	3.012E-01	5.229E-03	3.075E-11	4.983E-16	3.508E-12	2.166E-22
2.000E+04	5.435E-01	1.773E-04	2.977E-01	6.440E-03	2.662E-11	3.828E-16	2.961E-12	1.620E-22
2.020E+04	5.469E-01	1.585E-04	2.940E-01	7.890E-03	2.308E-11	2.948E-16	2.500E-12	1.215E-22
2.040E+04	5.504E-01	1.418E-04	2.900E-01	9.618E-03	2.003E-11	2.274E-16	2.112E-12	9.134E-23
2.060E+04	5.538E-01	1.269E-04	2.857E-01	1.166E-02	1.739E-11	1.757E-16	1.784E-12	6.876E-23
2.080E+04	5.572E-01	1.136E-04	2.810E-01	1.407E-02	1.511E-11	1.358E-16	1.506E-12	5.182E-23
2.100E+04	5.605E-01	1.017E-04	2.760E-01	1.688E-02	1.313E-11	1.051E-16	1.270E-12	3.908E-23
2.120E+04	5.639E-01	9.103E-05	2.705E-01	2.013E-02	1.141E-11	8.125E-17	1.069E-12	2.947E-23
2.140E+04	5.673E-01	8.141E-05	2.645E-01	2.387E-02	9.911E-12	6.276E-17	8.978E-13	2.221E-23
2.160E+04	5.707E-01	7.274E-05	2.580E-01	2.813E-02	8.603E-12	4.840E-17	7.516E-13	1.671E-23
2.180E+04	5.743E-01	6.490E-05	2.508E-01	3.294E-02	7.461E-12	3.724E-17	6.267E-13	1.256E-23
2.200E+04	5.779E-01	5.782E-05	2.431E-01	3.830E-02	6.462E-12	2.856E-17	5.203E-13	9.405E-24
2.220E+04	5.816E-01	5.139E-05	2.347E-01	4.423E-02	5.587E-12	2.182E-17	4.296E-13	7.021E-24
2.240E+04	5.854E-01	4.558E-05	2.257E-01	5.070E-02	4.821E-12	1.660E-17	3.527E-13	5.220E-24
2.260E+04	5.893E-01	4.031E-05	2.161E-01	5.768E-02	4.151E-12	1.256E-17	2.876E-13	3.863E-24
2.280E+04	5.933E-01	3.564E-05	2.060E-01	6.513E-02	3.564E-12	9.449E-18	2.329E-13	2.843E-24
2.300E+04	5.973E-01	3.124E-05	1.954E-01	7.298E-02	3.051E-12	7.065E-18	1.872E-13	2.080E-24
2.320E+04	6.015E-01	2.736E-05	1.845E-01	8.114E-02	2.604E-12	5.246E-18	1.492E-13	1.512E-24
2.340E+04	6.056E-01	2.388E-05	1.734E-01	8.953E-02	2.214E-12	3.869E-18	1.180E-13	1.092E-24
2.360E+04	6.097E-01	2.077E-05	1.621E-01	9.805E-02	1.877E-12	2.833E-18	9.260E-14	7.830E-25
2.380E+04	6.138E-01	1.799E-05	1.508E-01	1.066E-01	1.585E-12	2.060E-18	7.205E-14	5.575E-25
2.400E+04	6.178E-01	1.553E-05	1.397E-01	1.151E-01	1.333E-12	1.487E-18	5.562E-14	3.942E-25
2.420E+04	6.217E-01	1.336E-05	1.298E-01	1.234E-01	1.118E-12	1.066E-18	4.261E-14	2.768E-25
2.440E+04	6.255E-01	1.145E-05	1.182E-01	1.314E-01	9.340E-13	7.592E-19	3.240E-14	1.931E-25
2.460E+04	6.290E-01	9.788E-06	1.081E-01	1.392E-01	7.778E-13	5.374E-19	2.447E-14	1.339E-25
2.480E+04	6.324E-01	8.341E-06	9.850E-02	1.465E-01	6.458E-13	3.783E-19	1.837E-14	9.230E-26
2.500E+04	6.356E-01	7.090E-06	8.944E-02	1.535E-01	5.347E-13	2.649E-19	1.371E-14	6.330E-26

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CU2	C2	T
1.953E-01	1.015E-01	1.930E-10	1.387E-07	1.651E-04	6.669E-06	2.583E-11	3.941E-07	8.400E+03
1.737E-01	1.168E-01	4.425E-10	1.301E-07	9.806E-05	5.680E-06	1.254E-11	2.530E-07	8.630E+03
1.519E-01	1.321E-01	9.733E-10	1.165E-07	5.804E-05	4.791E-06	6.093E-12	1.585E-07	8.800E+03
1.306E-01	1.467E-01	2.057E-09	1.050E-07	3.419E-05	3.998E-06	2.956E-12	9.688E-08	9.000E+03
1.106E-01	1.597E-01	4.188E-09	9.070E-08	2.003E-05	3.298E-06	1.429E-12	5.766E-08	9.200E+03
9.239E-02	1.714E-01	8.224E-09	7.658E-08	1.167E-05	2.687E-06	6.875E-13	3.385E-08	9.400E+03
7.624E-02	1.800E-01	1.559E-08	6.346E-08	6.760E-06	2.161E-06	3.286E-13	1.948E-08	9.600E+03
6.235E-02	1.879E-01	2.859E-08	5.181E-08	3.895E-06	1.715E-06	1.558E-13	1.107E-08	9.800E+03
5.059E-02	1.928E-01	5.079E-08	4.183E-08	2.233E-06	1.342E-06	7.320E-14	6.239E-09	1.000E+04
4.060E-02	1.990E-01	8.763E-08	3.349E-08	1.274E-06	1.036E-06	3.406E-14	3.501E-09	1.020E+04
3.289E-02	1.997E-01	1.473E-07	2.665E-08	7.227E-07	7.891E-07	1.558E-14	1.962E-09	1.040E+04
2.642E-02	1.999E-01	2.417E-07	2.110E-08	4.078E-07	5.930E-07	7.041E-15	1.101E-09	1.060E+04
2.120E-02	1.999E-01	3.888E-07	1.663E-08	2.288E-07	4.401E-07	3.134E-15	6.191E-10	1.080E+04
1.700E-02	1.997E-01	6.146E-07	1.306E-08	1.277E-07	3.230E-07	1.374E-15	3.456E-10	1.100E+04
1.365E-02	1.991E-01	9.574E-07	1.022E-08	7.099E-08	2.347E-07	5.932E-16	1.984E-10	1.120E+04
1.097E-02	1.972E-01	1.473E-06	7.971E-09	3.931E-08	1.691E-07	2.529E-16	1.134E-10	1.140E+04
8.630E-03	1.893E-01	2.242E-06	6.206E-09	2.173E-08	1.211E-07	1.067E-16	6.527E-11	1.160E+04
7.129E-03	1.816E-01	3.381E-06	4.827E-09	1.201E-08	8.640E-08	4.472E-17	3.792E-11	1.180E+04
5.775E-03	1.722E-01	5.058E-06	3.753E-09	6.648E-09	6.149E-08	1.866E-17	2.225E-11	1.200E+04
4.696E-03	1.770E-01	7.506E-06	2.920E-09	3.695E-09	4.375E-08	7.790E-18	1.320E-11	1.220E+04
3.835E-03	1.751E-01	1.105E-05	2.275E-09	2.066E-09	3.116E-08	3.263E-18	7.919E-12	1.240E+04
3.145E-03	1.730E-01	1.016E-05	1.777E-09	1.163E-09	2.226E-08	1.376E-18	4.807E-12	1.260E+04
2.592E-03	1.723E-01	2.343E-05	1.392E-09	6.610E-10	1.596E-08	5.854E-19	2.953E-12	1.280E+04
2.142E-03	1.712E-01	3.372E-05	1.095E-09	3.792E-10	1.150E-08	2.520E-19	1.836E-12	1.300E+04
1.784E-03	1.703E-01	4.615E-05	8.634E-10	2.199E-10	8.332E-09	1.099E-19	1.154E-12	1.320E+04
1.491E-03	1.690E-01	6.421E-05	6.846E-10	1.269E-10	6.072E-09	4.863E-20	7.343E-13	1.340E+04
1.251E-03	1.679E-01	9.585E-05	5.448E-10	7.645E-11	4.477E-09	2.185E-20	4.723E-13	1.360E+04
1.055E-03	1.669E-01	1.336E-04	4.354E-10	4.587E-11	3.285E-09	9.975E-21	3.071E-13	1.380E+04
8.949E-04	1.660E-01	1.849E-04	3.495E-10	2.784E-11	2.440E-09	4.628E-21	2.018E-13	1.400E+04
7.590E-04	1.677E-01	2.537E-04	2.818E-10	1.710E-11	1.823E-09	2.182E-21	1.339E-13	1.420E+04
6.470E-04	1.673E-01	3.456E-04	2.281E-10	1.062E-11	1.371E-09	1.046E-21	8.969E-14	1.440E+04
5.549E-04	1.670E-01	4.672E-04	1.854E-10	6.670E-12	1.038E-09	5.092E-22	6.064E-14	1.460E+04
4.771E-04	1.667E-01	6.269E-04	1.514E-10	4.235E-12	7.902E-10	2.518E-22	4.136E-14	1.480E+04
4.116E-04	1.663E-01	8.350E-04	1.240E-10	2.717E-12	6.051E-10	1.265E-22	2.844E-14	1.500E+04
3.562E-04	1.659E-01	1.104E-03	1.020E-10	1.761E-12	4.659E-10	6.447E-23	1.971E-14	1.520E+04
3.092E-04	1.654E-01	1.450E-03	8.417E-11	1.153E-12	3.606E-10	3.333E-23	1.376E-14	1.540E+04
2.692E-04	1.648E-01	1.890E-03	6.969E-11	7.617E-13	2.805E-10	1.748E-23	9.668E-15	1.560E+04
2.349E-04	1.641E-01	2.447E-03	5.748E-11	5.078E-13	2.192E-10	9.285E-24	6.837E-15	1.580E+04
2.055E-04	1.632E-01	3.146E-03	4.821E-11	3.413E-13	1.720E-10	4.996E-24	4.861E-15	1.600E+04
1.801E-04	1.622E-01	4.015E-03	4.026E-11	2.313E-13	1.355E-10	2.721E-24	3.474E-15	1.620E+04
1.581E-04	1.609E-01	5.087E-03	3.369E-11	1.579E-13	1.071E-10	1.499E-24	2.493E-15	1.640E+04
1.390E-04	1.593E-01	6.398E-03	2.825E-11	1.085E-13	8.493E-11	8.347E-25	1.795E-15	1.660E+04
1.233E-04	1.573E-01	7.866E-03	2.373E-11	7.508E-14	6.750E-11	4.695E-25	1.295E-15	1.680E+04
1.077E-04	1.552E-01	9.891E-03	1.995E-11	5.223E-14	5.375E-11	2.666E-25	9.367E-16	1.700E+04
9.491E-05	1.529E-01	1.215E-02	1.679E-11	3.652E-14	4.286E-11	1.527E-25	6.787E-16	1.720E+04
8.344E-05	1.494E-01	1.480E-02	1.413E-11	2.565E-14	3.420E-11	8.813E-26	4.912E-16	1.740E+04
7.337E-05	1.458E-01	1.787E-02	1.189E-11	1.808E-14	2.730E-11	5.123E-26	3.551E-16	1.760E+04
6.442E-05	1.417E-01	2.136E-02	1.000E-11	1.278E-14	2.178E-11	2.996E-26	2.561E-16	1.780E+04
5.645E-05	1.370E-01	2.534E-02	8.403E-12	9.056E-15	1.736E-11	1.762E-26	1.841E-16	1.800E+04
4.936E-05	1.319E-01	2.975E-02	7.047E-12	6.427E-15	1.381E-11	1.041E-26	1.318E-16	1.820E+04
4.303E-05	1.262E-01	3.458E-02	5.897E-12	4.566E-15	1.096E-11	6.171E-27	9.384E-17	1.840E+04
3.739E-05	1.201E-01	3.979E-02	4.922E-12	3.246E-15	8.661E-12	3.671E-27	6.642E-17	1.860E+04
3.238E-05	1.135E-01	4.533E-02	4.096E-12	2.307E-15	6.853E-12	2.189E-27	4.669E-17	1.880E+04
2.793E-05	1.067E-01	5.111E-02	3.347E-12	1.638E-15	5.392E-12	1.308E-27	3.256E-17	1.900E+04
2.399E-05	9.907E-02	5.700E-02	2.807E-12	1.162E-15	4.224E-12	7.822E-28	2.256E-17	1.920E+04
2.052E-05	9.252E-02	6.305E-02	2.311E-12	8.239E-16	3.303E-12	4.683E-28	1.550E-17	1.940E+04
1.749E-05	8.537E-02	6.913E-02	1.895E-12	5.831E-16	2.571E-12	2.806E-28	1.057E-17	1.960E+04
1.486E-05	7.831E-02	7.500E-02	1.549E-12	4.121E-16	1.993E-12	1.681E-28	7.149E-18	1.980E+04
1.255E-05	7.145E-02	8.071E-02	1.261E-12	2.908E-16	1.540E-12	1.008E-28	4.802E-18	2.000E+04
1.058E-05	6.463E-02	8.616E-02	1.023E-12	2.049E-16	1.186E-12	6.041E-29	3.204E-18	2.020E+04
8.864E-06	5.859E-02	9.120E-02	8.277E-13	1.438E-16	9.106E-13	3.620E-29	2.125E-18	2.040E+04
7.443E-06	5.271E-02	9.602E-02	6.679E-13	1.013E-16	6.909E-13	2.169E-29	1.402E-18	2.060E+04
6.222E-06	4.724E-02	1.004E-01	5.376E-13	7.110E-17	5.319E-13	1.300E-29	9.216E-19	2.080E+04
5.191E-06	4.220E-02	1.043E-01	4.325E-13	4.988E-17	4.049E-13	7.781E-30	6.035E-19	2.100E+04
4.326E-06	3.760E-02	1.078E-01	3.471E-13	3.499E-17	3.074E-13	4.656E-30	3.943E-19	2.120E+04
3.602E-06	3.341E-02	1.108E-01	2.785E-13	2.451E-17	2.329E-13	2.784E-30	2.572E-19	2.140E+04
2.997E-06	2.964E-02	1.134E-01	2.233E-13	1.715E-17	1.760E-13	1.662E-30	1.676E-19	2.160E+04
2.494E-06	2.625E-02	1.157E-01	1.792E-13	1.200E-17	1.327E-13	9.413E-31	1.091E-19	2.180E+04
2.076E-06	2.322E-02	1.175E-01	1.438E-13	8.390E-18	9.466E-14	5.859E-31	7.118E-20	2.200E+04
1.724E-06	2.052E-02	1.190E-01	1.155E-13	5.881E-18	7.495E-14	3.502E-31	4.652E-20	2.220E+04
1.441E-06	1.813E-02	1.201E-01	9.292E-14	4.091E-18	5.612E-14	2.074E-31	3.045E-20	2.240E+04
1.203E-06	1.601E-02	1.209E-01	7.463E-14	2.853E-18	4.192E-14	1.224E-31	1.996E-20	2.260E+04
1.005E-06	1.414E-02	1.214E-01	6.036E-14	1.967E-18	3.123E-14	7.194E-32	1.315E-20	2.280E+04
8.408E-07	1.248E-02	1.217E-01	4.876E-14	1.382E-18	2.320E-14	4.213E-32	8.677E-21	2.300E+04
7.044E-07	1.103E-02	1.218E-01	3.946E-14	9.602E-19	1.719E-14	2.456E-32	5.743E-21	2.320E+04
5.911E-07	9.747E-03	1.217E-01	3.199E-14	6.661E-19	1.271E-14	1.425E-32	3.814E-21	2.340E+04
4.969E-07	8.021E-03	1.215E-01	2.598E-14	4.614E-19	9.308E-15	8.231E-33	2.542E-21	2.360E+04
4.164E-07	7.033E-03	1.211E-01	2.114E-14	3.192E-19	6.884E-15	4.731E-33	1.700E-21	2.380E+04
3.530E-07	6.100E-03	1.206E-01	1.722E-14	2.205E-19	5.054E-15	2.707E-33	1.142E-21	2.400E+04
2.983E-07	5.397E-03	1.201E-01	1.406E-14	1.521E-19	3.700E-15	1.542E-33	7.694E-22	2.420E+04
2.525E-07	4.823E-03	1.195E-01	1.150E-14	1.068E-19	2.704E-15	8.749E-34	5.205E-22	2.440E+04
2.142E-07	4.315E-03	1.185E-01	9.417E-15	7.219E-20	1.973E-15	4.946E-34	3.535E-22	2.460E+04
1.820E-07	3.921E-03	1.183E-01	7.727E-15	4.968E-20	1.437E-15	2.787E-34	2.410E-22	2.480E+04
1.544E-07	3.573E-03	1.177E-01	6.355E-15	3.418E-20	1.046E-15	1.567E-34	1.650E-22	2.500E+04



Table II. - Continued.

P/P0 = 9.00E-03

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.529E-11	1.760E-18	0.
2.000E+02	0.	7.757E-67	0.	0.	0.	4.803E-11	1.760E-18	0.
3.000E+02	0.	3.832E-45	3.251E-79	0.	0.	5.840E-11	1.760E-18	0.
4.000E+02	0.	2.482E-34	9.078E-62	0.	0.	4.714E-11	1.760E-18	0.
5.000E+02	0.	8.580E-28	2.569E-51	0.	0.	4.809E-11	1.760E-18	0.
6.000E+02	1.217E-91	1.997E-23	2.432E-44	0.	0.	4.921E-11	1.760E-18	0.
7.000E+02	6.973E-77	3.096E-20	2.058E-39	0.	6.168E-89	6.679E-11	1.760E-18	1.241E-82
8.000E+02	1.663E-64	3.412E-17	2.337E-36	0.	5.488E-75	1.639E-09	1.760E-18	6.658E-70
9.000E+02	1.386E-54	1.101E-14	4.062E-34	0.	1.024E-63	3.760E-08	1.760E-18	1.919E-59
1.000E+03	1.246E-46	1.133E-12	2.516E-32	0.	1.089E-54	4.668E-07	1.760E-18	4.591E-51
1.100E+03	4.091E-40	5.030E-11	7.401E-31	0.	2.646E-47	3.659E-06	1.760E-18	3.280E-44
1.200E+03	1.119E-34	1.189E-09	1.245E-29	0.	3.771E-41	2.030E-05	1.760E-18	1.680E-38
1.300E+03	4.520E-30	1.731E-08	1.362E-28	0.	6.067E-36	8.636E-05	1.760E-18	1.134E-33
1.400E+03	4.062E-26	1.719E-07	1.062E-27	0.	1.757E-31	2.980E-04	1.760E-18	1.556E-29
1.500E+03	1.094E-22	1.258E-06	6.314E-27	0.	1.290E-27	8.696E-04	1.759E-18	5.966E-26
1.600E+03	1.043E-19	7.171E-06	3.191E-26	0.	2.930E-24	2.212E-03	1.861E-18	7.648E-23
1.700E+03	8.498E-18	3.326E-05	7.014E-25	0.	5.073E-22	5.014E-03	1.026E-17	7.970E-21
1.800E+03	1.399E-16	1.297E-04	3.339E-23	0.	1.613E-20	1.029E-02	1.419E-16	1.608E-19
1.900E+03	1.592E-15	4.360E-04	1.142E-21	0.	3.270E-19	1.936E-02	1.596E-15	2.151E-18
2.000E+03	1.405E-14	1.287E-03	2.769E-20	0.	4.780E-18	3.356E-02	1.478E-14	2.144E-17
2.100E+03	9.975E-14	3.387E-03	4.976E-19	9.148E-86	5.261E-17	5.385E-02	9.966E-14	1.647E-16
2.200E+03	5.841E-13	8.029E-03	6.898E-18	1.645E-81	4.489E-16	7.998E-02	5.855E-13	9.956E-16
2.300E+03	2.875E-12	1.727E-02	7.632E-17	1.297E-77	3.034E-15	1.098E-01	2.883E-12	4.804E-15
2.400E+03	1.208E-11	3.393E-02	6.930E-16	5.002E-74	1.652E-14	1.389E-01	1.211E-11	1.867E-14
2.500E+03	4.399E-11	6.111E-02	5.287E-15	1.035E-70	7.337E-14	1.615E-01	4.400E-11	5.883E-14
2.600E+03	1.392E-10	1.012E-01	3.458E-14	1.242E-67	2.686E-13	1.718E-01	1.395E-10	1.509E-13
2.700E+03	3.886E-10	1.547E-01	1.971E-13	9.235E-65	9.175E-13	1.669E-01	3.891E-10	3.162E-13
2.800E+03	9.623E-10	2.186E-01	9.941E-13	4.508E-62	2.082E-12	1.472E-01	9.620E-10	5.424E-13
2.900E+03	2.129E-09	2.862E-01	4.489E-12	1.519E-59	4.475E-12	1.180E-01	2.122E-09	7.654E-13
3.000E+03	4.245E-09	3.490E-01	1.834E-11	3.661E-57	8.213E-12	8.635E-02	4.212E-09	8.994E-13
3.100E+03	7.739E-09	4.001E-01	6.837E-11	6.493E-55	1.316E-11	5.842E-02	7.602E-09	9.036E-13
3.200E+03	1.314E-08	4.369E-01	2.339E-10	8.601E-53	1.896E-11	3.739E-02	1.265E-08	8.079E-13
3.300E+03	2.121E-08	4.612E-01	7.362E-10	8.587E-51	2.545E-11	2.321E-02	1.967E-08	6.726E-13
3.400E+03	3.329E-08	4.763E-01	2.132E-09	6.447E-49	3.286E-11	1.427E-02	2.875E-08	5.434E-13
3.500E+03	5.180E-08	4.854E-01	5.658E-09	3.628E-47	4.196E-11	8.815E-03	3.959E-08	4.415E-13
3.600E+03	8.125E-08	4.909E-01	1.370E-08	1.525E-45	5.415E-11	5.519E-03	5.123E-08	3.690E-13
3.700E+03	1.297E-07	4.942E-01	3.026E-08	4.811E-44	7.148E-11	3.516E-03	6.229E-08	3.216E-13
3.800E+03	2.110E-07	4.962E-01	6.138E-08	1.163E-42	9.666E-11	2.283E-03	7.157E-08	2.929E-13
3.900E+03	3.472E-07	4.975E-01	1.158E-07	2.223E-41	1.331E-10	1.512E-03	7.861E-08	2.768E-13
4.000E+03	5.731E-07	4.983E-01	2.059E-07	3.476E-40	1.851E-10	1.020E-03	8.353E-08	2.689E-13
4.100E+03	9.427E-07	4.989E-01	3.489E-07	4.568E-39	2.581E-10	7.009E-04	8.669E-08	2.665E-13
4.200E+03	1.540E-06	4.992E-01	5.677E-07	5.149E-38	3.596E-10	4.899E-04	8.836E-08	2.682E-13
4.300E+03	2.498E-06	4.995E-01	9.895E-07	5.036E-37	5.005E-10	3.481E-04	8.863E-08	2.736E-13
4.400E+03	4.035E-06	4.997E-01	1.345E-06	4.300E-36	6.972E-10	2.512E-04	8.744E-08	2.835E-13
4.500E+03	6.511E-06	5.000E-01	1.957E-06	3.211E-35	9.757E-10	1.839E-04	8.466E-08	2.989E-13
4.600E+03	1.054E-05	5.003E-01	2.739E-06	2.100E-34	1.377E-09	1.365E-04	8.024E-08	3.219E-13
4.700E+03	1.716E-05	5.009E-01	3.688E-06	1.207E-33	1.964E-09	1.027E-04	7.440E-08	3.546E-13
4.800E+03	2.808E-05	5.017E-01	4.790E-06	6.142E-33	2.830E-09	7.831E-05	6.761E-08	3.992E-13
4.900E+03	4.605E-05	5.032E-01	6.032E-06	2.807E-32	4.108E-09	6.051E-05	6.050E-08	4.580E-13
5.000E+03	7.532E-05	5.055E-01	7.419E-06	1.171E-31	5.982E-09	4.741E-05	5.371E-08	5.330E-13
5.100E+03	1.221E-04	5.090E-01	8.990E-06	4.545E-31	8.687E-09	3.770E-05	4.76E-08	6.259E-13
5.200E+03	1.95E-04	5.143E-01	1.082E-05	1.670E-30	1.252E-08	3.046E-05	4.70E-08	7.380E-13
5.300E+03	3.056E-04	5.218E-01	1.303E-05	5.906E-30	1.781E-08	2.504E-05	3.886E-08	8.699E-13
5.400E+03	4.671E-04	5.317E-01	1.590E-05	2.038E-29	2.493E-08	2.093E-05	3.615E-08	1.020E-12
5.500E+03	6.945E-04	5.441E-01	1.936E-05	6.936E-29	3.418E-08	1.779E-05	3.449E-08	1.186E-12
5.600E+03	1.003E-03	5.584E-01	2.403E-05	2.340E-28	4.577E-08	1.532E-05	3.373E-08	1.360E-12
5.700E+03	1.406E-03	5.739E-01	3.017E-05	7.880E-28	5.977E-08	1.332E-05	3.373E-08	1.533E-12
5.800E+03	1.917E-03	5.893E-01	3.825E-05	2.615E-27	7.602E-08	1.164E-05	3.433E-08	1.691E-12
5.900E+03	2.547E-03	6.037E-01	4.882E-05	8.624E-27	9.421E-08	1.019E-05	3.538E-08	1.825E-12
6.000E+03	3.305E-03	6.164E-01	6.255E-05	1.806E-26	1.140E-07	8.910E-06	3.676E-08	1.926E-12
6.100E+03	4.203E-03	6.269E-01	8.023E-05	8.979E-26	1.349E-07	7.776E-06	3.838E-08	1.991E-12
6.200E+03	5.253E-03	6.351E-01	1.028E-04	2.815E-25	1.566E-07	6.773E-06	4.015E-08	2.022E-12
6.300E+03	6.470E-03	6.413E-01	1.313E-04	3.623E-25	1.789E-07	5.889E-06	4.203E-08	2.074E-12
6.400E+03	7.872E-03	6.457E-01	1.672E-04	2.577E-24	2.018E-07	5.117E-06	4.399E-08	2.003E-12
6.500E+03	9.478E-03	6.486E-01	2.119E-04	7.507E-24	2.251E-07	4.446E-06	4.601E-08	1.964E-12
6.600E+03	1.131E-02	6.503E-01	2.672E-04	2.130E-23	2.489E-07	3.866E-06	4.808E-08	1.914E-12
6.700E+03	1.339E-02	6.510E-01	3.351E-04	5.888E-23	2.731E-07	3.366E-06	5.019E-08	1.855E-12
6.800E+03	1.574E-02	6.510E-01	4.182E-04	1.586E-22	2.977E-07	2.936E-06	5.234E-08	1.790E-12
6.900E+03	1.839E-02	6.503E-01	5.192E-04	4.164E-22	3.226E-07	2.566E-06	5.452E-08	1.723E-12
7.000E+03	2.136E-02	6.491E-01	6.414E-04	1.067E-21	3.479E-07	2.247E-06	5.673E-08	1.654E-12
7.100E+03	2.467E-02	6.474E-01	7.883E-04	2.669E-21	3.733E-07	1.972E-06	5.897E-08	1.584E-12
7.200E+03	2.834E-02	6.453E-01	9.643E-04	6.527E-21	3.988E-07	1.734E-06	6.125E-08	1.514E-12
7.300E+03	3.240E-02	6.427E-01	1.174E-03	1.561E-20	4.243E-07	1.528E-06	6.356E-08	1.444E-12
7.400E+03	3.687E-02	6.398E-01	1.423E-03	3.658E-20	4.495E-07	1.349E-06	6.589E-08	1.375E-12
7.500E+03	4.175E-02	6.364E-01	1.718E-03	8.398E-20	4.743E-07	1.193E-06	6.826E-08	1.307E-12
7.600E+03	4.706E-02	6.327E-01	2.066E-03	1.892E-19	4.985E-07	1.057E-06	7.065E-08	1.240E-12
7.700E+03	5.282E-02	6.286E-01	2.475E-03	4.183E-19	5.219E-07	9.373E-07	7.308E-08	1.174E-12
7.800E+03	5.902E-02	6.241E-01	2.955E-03	9.090E-19	5.442E-07	8.326E-07	7.554E-08	1.109E-12
7.900E+03	6.565E-02	6.191E-01	3.515E-03	1.943E-18	5.652E-07	7.405E-07	7.803E-08	1.045E-12
8.000E+03	7.273E-02	6.138E-01	4.168E-03	4.087E-18	5.848E-07	6.593E-07	8.055E-08	9.827E-13
8.200E+03	8.812E-02	6.020E-01	5.910E-03	1.729E-17	6.187E-07	5.241E-07	8.570E-08	8.622E-13

Table II. - Continued.

P/P0 = 9.00E-03

C	C+	C++	C-	Cu	Cu+	CC2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	6.745E-64	0.	1.000E+00	0.	2.300E+02
0.	0.	0.	0.	2.415E-39	1.314E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	5.725E-27	6.748E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.443E-19	1.485E-46	1.000E+00	0.	5.000E+02
4.300E-77	4.403E-73	0.	0.	1.234E-14	2.483E-38	1.000E+00	0.	6.000E+02
2.215E-03	1.071E-03	0.	0.	3.576E-11	1.204E-32	1.000E+00	4.672E-90	7.000E+02
2.180E-04	1.400E-04	0.	0.	3.175E-09	2.562E-30	1.000E+00	1.322E-77	8.000E+02
1.137E-47	7.201E-54	0.	0.	7.510E-04	6.288E-24	1.000E+00	1.765E-66	9.000E+02
2.665E-42	0.250E-50	0.	2.074E-85	9.330E-07	7.458E-28	1.000E+00	3.433E-61	1.000E+03
6.617E-36	3.614E-47	0.	3.536E-75	7.318E-06	6.348E-27	1.000E+00	3.180E-55	1.100E+03
3.022E-34	0.706E-44	0.	1.165E-66	4.061E-05	3.585E-26	9.999E-01	2.954E-50	1.200E+03
3.455E-31	0.403E-42	0.	1.950E-54	1.727E-04	1.552E-25	9.997E-01	4.751E-46	1.300E+03
1.757E-28	4.107E-40	0.	2.977E-53	5.962E-04	5.450E-25	9.991E-01	1.916E-41	1.400E+03
3.546E-26	2.111E-38	2.570E-45	0.196E-48	1.740E-03	1.620E-24	9.974E-01	2.554E-34	1.500E+03
3.609E-24	0.240E-31	1.231E-41	3.126E-43	4.431E-03	4.444E-24	9.934E-01	1.384E-36	1.600E+03
2.222E-22	0.055E-35	6.055E-47	7.707E-40	1.000E-02	5.694E-23	9.849E-01	3.569E-34	1.700E+03
8.490E-21	1.249E-32	8.375E-42	2.606E-37	2.072E-02	1.671E-21	9.689E-01	4.948E-32	1.800E+03
2.200E-19	1.465E-30	3.920E-77	4.384E-35	3.915E-02	3.690E-20	9.411E-01	4.056E-30	1.900E+03
4.103E-18	1.104E-28	6.446E-73	4.31E-33	6.842E-02	5.995E-19	8.967E-01	2.119E-28	2.000E+03
0.752E-17	5.043E-27	4.315E-69	2.692E-31	1.111E-01	7.432E-18	8.317E-01	7.486E-27	2.100E+03
0.237E-16	1.960E-25	1.337E-65	1.115E-24	1.680E-01	7.288E-17	7.440E-01	1.877E-25	2.200E+03
5.520E-15	0.161E-24	2.136E-62	3.241E-28	2.369E-01	5.802E-16	6.360E-01	3.477E-24	2.300E+03
3.547E-14	1.052E-22	1.444E-54	0.805E-27	3.118E-01	3.846E-15	5.153E-01	4.930E-23	2.400E+03
2.444E-13	1.734E-21	1.087E-50	1.070E-25	3.841E-01	2.171E-14	3.933E-01	5.552E-22	2.500E+03
1.292E-12	2.317E-20	4.024E-44	1.296E-24	4.444E-01	1.066E-13	2.820E-01	5.087E-21	2.600E+03
6.045E-12	1.654E-14	1.654E-51	1.253E-23	4.883E-01	4.675E-13	1.902E-01	3.977E-20	2.700E+03
2.504E-11	2.907E-18	2.073E-45	9.906E-23	5.130E-01	1.867E-12	1.212E-01	2.750E-19	2.800E+03
1.009E-10	2.817E-17	3.230E-47	6.598E-22	5.222E-01	6.948E-12	7.356E-02	1.748E-18	2.900E+03
3.759E-10	2.622E-16	4.147E-45	3.805E-21	5.217E-01	2.455E-11	4.301E-02	1.055E-17	3.000E+03
1.341E-09	2.260E-15	4.716E-43	1.947E-20	5.169E-01	8.324E-11	2.460E-02	6.163E-17	3.100E+03
4.542E-09	1.640E-14	4.025E-41	9.020E-20	5.117E-01	2.707E-10	1.358E-02	3.484E-16	3.200E+03
1.500E-08	1.343E-13	2.945E-39	3.848E-19	5.076E-01	8.378E-10	8.008E-03	1.886E-15	3.300E+03
4.102E-08	9.550E-13	1.735E-37	1.536E-18	5.040E-01	2.437E-09	4.661E-03	9.640E-15	3.400E+03
1.345E-07	8.808E-12	1.728E-36	8.826E-18	5.030E-01	6.583E-09	2.772E-03	4.612E-14	3.500E+03
3.428E-07	3.133E-11	2.778E-34	2.134E-17	5.019E-01	1.633E-08	1.688E-03	2.056E-13	3.600E+03
1.051E-06	1.522E-10	7.446E-33	7.624E-17	5.012E-01	3.710E-08	1.053E-03	8.542E-13	3.700E+03
2.631E-06	0.440E-10	1.551E-31	2.063E-16	5.008E-01	7.747E-08	6.722E-04	3.312E-12	3.800E+03
6.528E-06	2.455E-09	2.983E-30	9.051E-16	5.005E-01	1.505E-07	4.387E-04	1.203E-11	3.900E+03
1.522E-05	0.244E-09	3.544E-29	2.975E-15	5.003E-01	2.754E-07	2.924E-04	4.105E-11	4.000E+03
3.411E-05	2.159E-08	4.132E-28	9.418E-15	5.002E-01	4.800E-07	1.967E-04	1.322E-10	4.100E+03
1.558E-05	8.173E-08	4.152E-27	2.867E-14	5.001E-01	8.025E-07	1.375E-04	4.032E-10	4.200E+03
1.532E-04	2.291E-07	3.043E-26	8.413E-14	4.999E-01	1.291E-06	9.683E-05	1.168E-09	4.300E+03
3.087E-04	6.024E-07	2.604E-25	2.384E-13	4.996E-01	2.000E-06	6.426E-05	3.227E-09	4.400E+03
6.028E-04	1.490E-06	1.840E-24	6.621E-13	4.992E-01	2.980E-06	5.028E-05	8.513E-09	4.500E+03
1.443E-03	3.400E-06	1.126E-23	1.784E-12	4.983E-01	4.263E-06	3.655E-05	2.150E-08	4.600E+03
2.105E-03	7.546E-06	0.694E-23	4.732E-12	4.969E-01	5.850E-06	2.755E-05	5.206E-08	4.700E+03
3.170E-03	1.551E-05	2.733E-22	1.231E-11	4.943E-01	7.715E-06	2.074E-05	1.208E-07	4.800E+03
6.564E-03	3.019E-05	1.136E-21	3.133E-11	4.901E-01	9.813E-06	1.576E-05	2.684E-07	4.900E+03
1.110E-02	0.570E-05	4.285E-21	7.747E-11	4.832E-01	1.210E-05	1.206E-05	5.690E-07	5.000E+03
1.817E-02	9.036E-05	1.489E-20	1.845E-10	4.725E-01	1.452E-05	4.270E-06	1.145E-06	5.100E+03
2.613E-02	1.613E-04	4.022E-20	4.196E-10	4.566E-01	1.704E-05	7.131E-06	2.172E-06	5.200E+03
4.507E-02	2.750E-04	1.471E-15	9.019E-10	4.339E-01	1.959E-05	5.466E-06	3.847E-06	5.300E+03
6.557E-02	4.292E-04	4.260E-14	1.816E-09	4.037E-01	2.209E-05	5.155E-06	6.305E-06	5.400E+03
8.653E-02	0.507E-04	1.179E-18	3.407E-09	3.681E-01	2.443E-05	3.121E-06	9.515E-06	5.500E+03
1.170E-01	9.524E-04	3.131E-18	9.585E-09	3.225E-01	2.647E-05	2.249E-06	1.315E-05	5.600E+03
1.978E-01	1.348E-03	8.015E-18	9.585E-09	2.754E-01	2.810E-05	1.656E-06	1.668E-05	5.700E+03
1.787E-01	1.050E-03	1.982E-17	1.444E-08	2.281E-01	2.921E-05	1.164E-06	1.952E-05	5.800E+03
2.076E-01	2.460E-03	4.750E-17	2.042E-08	1.835E-01	2.976E-05	7.475E-07	2.124E-05	5.900E+03
2.330E-01	3.213E-03	1.105E-16	2.731E-08	1.440E-01	2.976E-05	5.349E-07	2.172E-05	6.000E+03
2.540E-01	4.049E-03	2.499E-16	3.485E-08	1.107E-01	2.930E-05	3.521E-07	2.111E-05	6.100E+03
2.706E-01	5.122E-03	3.505E-16	4.278E-08	8.374E-02	2.847E-05	2.286E-07	1.971E-05	6.200E+03
2.830E-01	6.312E-03	1.183E-15	5.091E-08	6.275E-02	2.734E-05	1.471E-07	1.785E-05	6.300E+03
2.919E-01	7.679E-03	2.481E-15	5.912E-08	4.670E-02	2.615E-05	9.429E-08	1.581E-05	6.400E+03
2.978E-01	9.242E-03	3.465E-15	6.732E-08	3.465E-02	2.482E-05	6.041E-08	1.378E-05	6.500E+03
3.014E-01	1.102E-02	1.021E-14	7.549E-08	2.569E-02	2.348E-05	3.479E-08	1.187E-05	6.600E+03
3.031E-01	1.305E-02	2.039E-14	8.328E-08	1.908E-02	2.215E-05	2.501E-08	1.016E-05	6.700E+03
3.033E-01	1.505E-02	3.073E-14	9.158E-08	1.421E-02	2.086E-05	1.622E-08	8.644E-06	6.800E+03
3.023E-01	1.705E-02	4.330E-14	9.944E-08	1.061E-02	1.963E-05	1.059E-08	7.330E-06	6.900E+03
3.002E-01	2.007E-02	1.363E-13	1.071E-07	7.958E-03	1.845E-05	6.956E-09	6.200E-06	7.000E+03
2.972E-01	2.306E-02	2.490E-13	1.146E-07	5.991E-03	1.734E-05	4.602E-09	5.235E-06	7.100E+03
2.935E-01	2.750E-02	4.475E-13	1.218E-07	4.527E-03	1.624E-05	3.065E-09	4.413E-06	7.200E+03
2.890E-01	3.121E-02	7.917E-13	1.286E-07	3.434E-03	1.524E-05	2.054E-09	3.714E-06	7.300E+03
2.839E-01	3.544E-02	1.175E-12	1.349E-07	2.614E-03	1.435E-05	1.366E-09	3.121E-06	7.400E+03
2.781E-01	4.002E-02	2.305E-12	1.406E-07	1.997E-03	1.346E-05	9.394E-10	2.419E-06	7.500E+03
2.716E-01	4.499E-02	4.011E-12	1.456E-07	1.529E-03	1.262E-05	6.409E-10	2.192E-06	7.600E+03
2.646E-01	5.033E-02	6.695E-12	1.501E-07	1.174E-03	1.182E-05	4.391E-10	1.831E-06	7.700E+03
2.570E-01	5.605E-02	1.104E-11	1.536E-07	9.037E-04	1.106E-05	3.021E-10	1.525E-06	7.800E+03
2.488E-01	6.213E-02	1.748E-11	1.562E-07	6.967E-04	1.034E-05	2.086E-10	1.266E-06	7.900E+03
2.402E-01	6.855E-02	2.811E-11	1.578E-07	5.379E-04	9.657E-06	1.444E-10	1.048E-06	8.000E+03
2.214E-01	8.230E-02	7.219E-11	1.579E-07	3.216E-04	8.386E-06	6.495E-11	7.088E-07	8.200E+03

Table II. - Continued.

T	F-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.050E-01	5.886E-01	8.010E-03	6.927E-17	6.443E-07	4.177E-07	9.099E-08	7.485E-13
8.600E+03	1.232E-01	5.736E-01	1.094E-02	2.638E-16	6.606E-07	3.336E-07	9.641E-08	6.424E-13
8.800E+03	1.422E-01	5.570E-01	1.479E-02	9.589E-16	6.670E-07	2.666E-07	1.019E-07	5.448E-13
9.000E+03	1.619E-01	5.389E-01	1.983E-02	3.335E-15	6.635E-07	2.129E-07	1.074E-07	4.564E-13
9.200E+03	1.819E-01	5.190E-01	2.633E-02	1.112E-14	6.506E-07	1.697E-07	1.125E-07	3.775E-13
9.400E+03	2.021E-01	4.974E-01	3.457E-02	3.551E-14	6.292E-07	1.348E-07	1.171E-07	3.082E-13
9.600E+03	2.223E-01	4.736E-01	4.483E-02	1.086E-13	6.005E-07	1.063E-07	1.205E-07	2.480E-13
9.800E+03	2.425E-01	4.477E-01	5.729E-02	3.177E-13	5.657E-07	8.308E-08	1.222E-07	1.965E-13
1.000E+04	2.629E-01	4.194E-01	7.202E-02	8.878E-13	5.260E-07	6.412E-08	1.216E-07	1.530E-13
1.020E+04	2.833E-01	3.889E-01	8.890E-02	2.369E-12	4.825E-07	4.872E-08	1.185E-07	1.168E-13
1.040E+04	3.037E-01	3.585E-01	1.077E-01	6.039E-12	4.364E-07	3.634E-08	1.15E-07	8.728E-14
1.060E+04	3.241E-01	3.227E-01	1.278E-01	1.472E-11	3.886E-07	2.656E-08	1.143E-07	6.368E-14
1.080E+04	3.441E-01	2.884E-01	1.489E-01	3.436E-11	3.406E-07	1.898E-08	9.402E-08	4.528E-14
1.100E+04	3.635E-01	2.542E-01	1.701E-01	7.702E-11	2.936E-07	1.326E-08	8.247E-08	3.135E-14
1.120E+04	3.818E-01	2.212E-01	1.909E-01	1.662E-10	2.488E-07	9.056E-09	7.047E-08	2.113E-14
1.140E+04	3.989E-01	1.900E-01	2.107E-01	3.463E-10	2.075E-07	6.051E-09	5.875E-08	1.388E-14
1.160E+04	4.144E-01	1.614E-01	2.290E-01	6.985E-10	1.703E-07	3.963E-09	4.789E-08	8.895E-15
1.180E+04	4.282E-01	1.366E-01	2.456E-01	1.367E-09	1.379E-07	2.551E-09	3.828E-08	5.579E-15
1.200E+04	4.403E-01	1.180E-01	2.602E-01	2.602E-09	1.102E-07	1.618E-09	3.009E-08	3.436E-15
1.220E+04	4.506E-01	9.347E-02	2.728E-01	4.828E-09	8.728E-08	1.015E-09	2.333E-08	2.085E-15
1.240E+04	4.594E-01	7.692E-02	2.835E-01	8.751E-09	6.855E-08	6.317E-10	1.790E-08	1.252E-15
1.260E+04	4.667E-01	6.308E-02	2.925E-01	1.552E-08	5.354E-08	3.913E-10	1.363E-08	7.460E-16
1.280E+04	4.727E-01	5.161E-02	2.999E-01	2.698E-08	4.166E-08	2.420E-10	1.033E-08	4.430E-16
1.300E+04	4.777E-01	4.220E-02	3.060E-01	4.602E-08	3.235E-08	1.497E-10	7.808E-09	2.628E-16
1.320E+04	4.818E-01	3.451E-02	3.110E-01	7.715E-08	2.511E-08	9.291E-11	5.897E-09	1.562E-16
1.340E+04	4.851E-01	2.826E-02	3.150E-01	1.272E-07	1.950E-08	5.791E-11	4.457E-09	9.317E-17
1.360E+04	4.878E-01	2.318E-02	3.183E-01	2.066E-07	1.517E-08	3.630E-11	3.376E-09	5.587E-17
1.380E+04	4.899E-01	1.906E-02	3.210E-01	3.306E-07	1.193E-08	2.291E-11	2.564E-09	3.372E-17
1.400E+04	4.917E-01	1.572E-02	3.231E-01	5.219E-07	9.256E-09	1.457E-11	1.955E-09	2.041E-17
1.420E+04	4.932E-01	1.300E-02	3.249E-01	8.130E-07	7.265E-09	9.334E-12	1.496E-09	1.257E-17
1.440E+04	4.944E-01	1.079E-02	3.263E-01	1.251E-06	5.724E-09	6.032E-12	1.151E-09	7.766E-18
1.460E+04	4.954E-01	8.982E-03	3.274E-01	1.902E-06	4.528E-09	3.930E-12	8.888E-10	4.832E-18
1.480E+04	4.963E-01	7.506E-03	3.283E-01	2.859E-06	3.596E-09	2.583E-12	6.900E-10	3.046E-18
1.500E+04	4.970E-01	6.294E-03	3.290E-01	4.252E-06	2.868E-09	1.712E-12	5.382E-10	1.933E-18
1.520E+04	4.976E-01	5.296E-03	3.296E-01	6.257E-06	2.297E-09	1.144E-12	4.219E-10	1.238E-18
1.540E+04	4.982E-01	4.472E-03	3.300E-01	9.115E-06	1.847E-09	7.713E-13	3.324E-10	7.997E-19
1.560E+04	4.988E-01	3.790E-03	3.303E-01	1.315E-05	1.492E-09	5.241E-13	2.631E-10	5.212E-19
1.580E+04	4.994E-01	3.222E-03	3.305E-01	1.880E-05	1.209E-09	3.590E-13	2.092E-10	3.425E-19
1.600E+04	4.999E-01	2.749E-03	3.306E-01	2.663E-05	9.847E-10	2.478E-13	1.671E-10	2.270E-19
1.620E+04	5.005E-01	2.382E-03	3.306E-01	3.740E-05	8.050E-10	1.724E-13	1.341E-10	1.517E-19
1.640E+04	5.012E-01	2.020E-03	3.305E-01	5.207E-05	6.607E-10	1.208E-13	1.081E-10	1.022E-19
1.660E+04	5.019E-01	1.789E-03	3.302E-01	7.191E-05	5.443E-10	8.528E-14	8.745E-11	6.940E-20
1.680E+04	5.028E-01	1.502E-03	3.299E-01	9.850E-05	4.502E-10	6.061E-14	7.104E-11	4.748E-20
1.700E+04	5.038E-01	1.301E-03	3.294E-01	1.339E-04	3.738E-10	4.337E-14	5.793E-11	3.273E-20
1.720E+04	5.049E-01	1.131E-03	3.287E-01	1.805E-04	3.114E-10	3.124E-14	4.741E-11	2.273E-20
1.740E+04	5.062E-01	9.848E-04	3.279E-01	2.416E-04	2.605E-10	2.264E-14	3.893E-11	1.590E-20
1.760E+04	5.078E-01	8.602E-04	3.270E-01	3.210E-04	2.186E-10	1.651E-14	3.207E-11	1.120E-20
1.780E+04	5.095E-01	7.532E-04	3.258E-01	4.234E-04	1.841E-10	1.211E-14	2.651E-11	7.939E-21
1.800E+04	5.114E-01	6.611E-04	3.245E-01	5.544E-04	1.556E-10	8.934E-15	2.197E-11	5.665E-21
1.820E+04	5.136E-01	5.816E-04	3.230E-01	7.210E-04	1.319E-10	6.626E-15	1.825E-11	4.068E-21
1.840E+04	5.160E-01	5.128E-04	3.212E-01	9.313E-04	1.122E-10	4.939E-15	1.521E-11	2.939E-21
1.860E+04	5.186E-01	4.531E-04	3.193E-01	1.195E-03	9.571E-11	3.699E-15	1.270E-11	2.135E-21
1.880E+04	5.215E-01	4.012E-04	3.171E-01	1.524E-03	8.187E-11	2.784E-15	1.062E-11	1.559E-21
1.900E+04	5.245E-01	3.588E-04	3.147E-01	1.931E-03	7.022E-11	2.104E-15	8.909E-12	1.145E-21
1.920E+04	5.277E-01	3.162E-04	3.121E-01	2.432E-03	6.037E-11	1.597E-15	7.485E-12	8.443E-22
1.940E+04	5.309E-01	2.814E-04	3.094E-01	3.045E-03	5.202E-11	1.216E-15	6.299E-12	6.254E-22
1.960E+04	5.343E-01	2.508E-04	3.064E-01	3.793E-03	4.491E-11	9.298E-16	5.309E-12	4.652E-22
1.980E+04	5.377E-01	2.239E-04	3.033E-01	4.699E-03	3.885E-11	7.130E-16	4.490E-12	3.47E-22
2.000E+04	5.412E-01	2.001E-04	2.999E-01	5.790E-03	3.365E-11	5.484E-16	3.785E-12	2.600E-22
2.020E+04	5.446E-01	1.790E-04	2.963E-01	7.099E-03	2.917E-11	4.228E-16	3.201E-12	1.952E-22
2.040E+04	5.481E-01	1.602E-04	2.925E-01	8.659E-03	2.535E-11	3.266E-16	2.708E-12	1.470E-22
2.060E+04	5.515E-01	1.435E-04	2.884E-01	1.051E-02	2.203E-11	2.527E-16	2.291E-12	1.108E-22
2.080E+04	5.548E-01	1.286E-04	2.840E-01	1.269E-02	1.916E-11	1.958E-16	1.938E-12	8.369E-23
2.100E+04	5.582E-01	1.153E-04	2.792E-01	1.524E-02	1.667E-11	1.518E-16	1.638E-12	6.326E-23
2.120E+04	5.616E-01	1.033E-04	2.740E-01	1.820E-02	1.450E-11	1.177E-16	1.382E-12	4.783E-23
2.140E+04	5.650E-01	9.252E-05	2.683E-01	2.161E-02	1.262E-11	9.119E-17	1.164E-12	3.615E-23
2.160E+04	5.684E-01	8.281E-05	2.622E-01	2.552E-02	1.097E-11	7.058E-17	9.783E-13	2.731E-23
2.180E+04	5.718E-01	7.404E-05	2.554E-01	2.994E-02	9.535E-12	5.452E-17	8.192E-13	2.059E-23
2.200E+04	5.754E-01	6.611E-05	2.481E-01	3.490E-02	8.276E-12	4.201E-17	6.852E-13	1.550E-23
2.220E+04	5.790E-01	5.892E-05	2.402E-01	4.042E-02	7.174E-12	3.226E-17	5.671E-13	1.163E-23
2.240E+04	5.827E-01	5.240E-05	2.317E-01	4.647E-02	6.207E-12	2.468E-17	4.682E-13	8.692E-24
2.260E+04	5.865E-01	4.649E-05	2.226E-01	5.305E-02	5.360E-12	1.879E-17	3.843E-13	6.471E-24
2.280E+04	5.904E-01	4.113E-05	2.129E-01	6.012E-02	4.617E-12	1.423E-17	3.133E-13	4.794E-24
2.300E+04	5.944E-01	3.628E-05	2.027E-01	6.762E-02	3.966E-12	1.072E-17	2.537E-13	3.533E-24
2.320E+04	5.985E-01	3.190E-05	1.922E-01	7.548E-02	3.398E-12	8.021E-18	2.038E-13	2.588E-24
2.340E+04	6.026E-01	2.795E-05	1.813E-01	8.363E-02	2.901E-12	5.963E-18	1.625E-13	1.884E-24
2.360E+04	6.067E-01	2.441E-05	1.702E-01	9.197E-02	2.469E-12	4.403E-18	1.286E-13	1.362E-24
2.380E+04	6.108E-01	2.124E-05	1.590E-01	1.004E-01	2.094E-12	3.226E-18	1.009E-13	9.783E-25
2.400E+04	6.148E-01	1.841E-05	1.47E-01	1.088E-01	1.769E-12	2.350E-18	7.855E-14	6.978E-25
2.420E+04	6.188E-01	1.591E-05	1.370E-01	1.172E-01	1.490E-12	1.700E-18	6.069E-14	4.943E-25
2.440E+04	6.226E-01	1.370E-05	1.263E-01	1.253E-01	1.251E-12	1.221E-18	4.655E-14	3.479E-25
2.460E+04	6.262E-01	1.175E-05	1.159E-01	1.332E-01	1.046E-12	8.718E-19	3.545E-14	2.433E-25
2.480E+04	6.297E-01	1.006E-05	1.060E-01	1.408E-01	8.723E-13	6.187E-19	2.682E-14	1.691E-25
2.500E+04	6.330E-01	8.583E-06	9.663E-02	1.480E-01	7.253E-13	4.368E-19	2.017E-14	1.169E-25

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CU2	C2	T
2.012E-01	9.150E-02	1.724E-10	1.537E-07	1.425E-04	7.232E-06	3.410E-11	4.704E-07	8.430E+03
1.800E-01	1.122E-01	3.947E-10	1.454E-07	1.152E-04	6.187E-06	1.670E-11	3.056E-07	8.600E+03
1.584E-01	1.274E-01	8.662E-10	1.337E-07	6.412E-05	5.245E-06	3.186E-12	1.940E-07	3.800E+03
1.372E-01	1.421E-01	1.638E-09	1.197E-07	4.083E-05	4.402E-06	4.011E-12	1.203E-07	9.000E+03
1.170E-01	1.550E-01	3.747E-09	1.044E-07	2.413E-05	3.653E-06	1.960E-12	7.287E-08	9.200E+03
9.843E-02	1.675E-01	7.373E-09	8.894E-08	1.418E-05	2.990E-06	9.533E-13	4.323E-08	4.400E+03
8.170E-02	1.775E-01	1.401E-08	7.434E-08	8.292E-06	2.426E-06	4.610E-13	2.520E-08	4.670E+03
6.724E-02	1.852E-01	2.576E-08	6.116E-08	4.822E-06	1.940E-06	2.213E-13	1.444E-08	4.800E+03
5.488E-02	1.908E-01	4.538E-08	4.972E-08	2.790E-06	1.530E-06	1.053E-13	8.258E-09	1.000E+04
4.454E-02	1.944E-01	7.936E-08	4.005E-08	1.606E-06	1.191E-06	4.760E-14	4.674E-09	1.020E+04
3.600E-02	1.961E-01	1.336E-07	3.204E-08	9.200E-07	9.146E-07	2.307E-14	2.645E-09	1.040E+04
2.903E-02	1.963E-01	2.197E-07	2.549E-08	5.242E-07	6.932E-07	1.059E-14	1.490E-09	1.060E+04
2.338E-02	1.952E-01	3.537E-07	2.019E-08	2.971E-07	5.109E-07	4.785E-15	8.471E-10	1.080E+04
1.881E-02	1.934E-01	5.542E-07	1.593E-08	1.675E-07	3.840E-07	2.134E-15	4.814E-10	1.100E+04
1.514E-02	1.909E-01	8.770E-07	1.252E-08	9.398E-08	2.813E-07	5.370E-16	2.748E-10	1.120E+04
1.220E-02	1.882E-01	1.338E-06	9.611E-09	5.253E-08	2.043E-07	4.061E-16	1.570E-10	1.140E+04
9.443E-03	1.854E-01	2.034E-06	7.670E-09	2.924E-08	1.473E-07	1.740E-16	9.126E-11	1.160E+04
7.962E-03	1.826E-01	3.062E-06	5.987E-09	1.632E-08	1.057E-07	1.396E-17	5.321E-11	1.180E+04
6.459E-03	1.801E-01	4.570E-06	4.670E-09	9.101E-09	7.567E-08	3.128E-17	3.132E-11	1.200E+04
5.259E-03	1.779E-01	6.768E-06	3.544E-09	5.042E-09	5.409E-08	1.321E-17	1.862E-11	1.220E+04
4.298E-03	1.759E-01	9.948E-06	2.846E-09	2.862E-09	3.869E-08	5.588E-18	1.119E-11	1.240E+04
3.622E-03	1.742E-01	1.451E-05	2.228E-09	1.620E-09	2.773E-08	2.377E-18	6.806E-12	1.260E+04
2.909E-03	1.728E-01	2.101E-05	1.744E-09	9.238E-10	1.994E-08	1.019E-18	4.165E-12	1.280E+04
2.409E-03	1.711E-01	3.020E-05	1.377E-09	5.317E-10	1.440E-08	4.412E-19	2.604E-12	1.300E+04
2.004E-03	1.707E-01	4.307E-05	1.088E-09	3.092E-10	1.045E-08	1.934E-19	1.639E-12	1.320E+04
1.675E-03	1.699E-01	6.095E-05	8.627E-10	1.617E-10	7.630E-09	6.594E-20	1.043E-12	1.340E+04
1.406E-03	1.693E-01	8.557E-05	6.876E-10	1.079E-10	5.602E-09	3.875E-20	6.712E-13	1.360E+04
1.186E-03	1.687E-01	1.142E-04	5.494E-10	6.486E-11	4.138E-09	1.774E-20	4.366E-13	1.380E+04
1.004E-03	1.683E-01	1.648E-04	4.413E-10	5.942E-11	3.076E-09	2.49E-21	2.604E-13	1.400E+04
8.535E-04	1.679E-01	2.261E-04	3.559E-10	2.423E-11	2.300E-09	3.897E-21	1.905E-13	1.420E+04
7.285E-04	1.675E-01	3.079E-04	2.882E-10	1.508E-11	1.731E-09	1.871E-21	1.276E-13	1.440E+04
6.242E-04	1.672E-01	4.162E-04	2.344E-10	9.468E-12	1.311E-09	9.123E-22	8.032E-14	1.460E+04
5.367E-04	1.668E-01	5.583E-04	1.914E-10	6.015E-12	9.986E-10	4.516E-22	5.889E-14	1.480E+04
4.631E-04	1.665E-01	7.437E-04	1.569E-10	3.862E-12	7.650E-10	2.270E-22	4.051E-14	1.500E+04
4.009E-04	1.661E-01	9.635E-04	1.290E-10	2.505E-12	5.893E-10	1.158E-22	2.809E-14	1.520E+04
3.481E-04	1.658E-01	1.232E-03	1.065E-10	1.640E-12	4.564E-10	5.993E-23	1.962E-14	1.540E+04
3.031E-04	1.651E-01	1.684E-03	8.824E-11	1.084E-12	3.552E-10	3.145E-23	1.379E-14	1.560E+04
2.647E-04	1.644E-01	2.101E-03	7.332E-11	7.232E-13	2.777E-10	1.672E-23	9.762E-15	1.580E+04
2.316E-04	1.637E-01	2.605E-03	6.110E-11	4.865E-13	2.181E-10	9.004E-24	6.949E-15	1.600E+04
2.031E-04	1.627E-01	3.365E-03	5.105E-11	3.299E-13	1.719E-10	4.908E-24	4.972E-15	1.620E+04
1.785E-04	1.619E-01	4.544E-03	4.275E-11	2.254E-13	1.360E-10	2.707E-24	3.573E-15	1.640E+04
1.570E-04	1.611E-01	5.721E-03	3.588E-11	1.551E-13	1.060E-10	1.509E-24	2.578E-15	1.660E+04
1.383E-04	1.604E-01	7.151E-03	3.016E-11	1.074E-13	8.593E-11	8.498E-25	1.865E-15	1.680E+04
1.219E-04	1.596E-01	8.670E-03	2.539E-11	7.483E-14	6.854E-11	4.832E-25	1.351E-15	1.700E+04
1.075E-04	1.590E-01	1.042E-02	2.135E-11	5.241E-14	5.475E-11	2.772E-25	9.788E-16	1.720E+04
9.400E-05	1.581E-01	1.333E-02	1.804E-11	3.687E-14	4.376E-11	1.603E-25	7.134E-16	1.740E+04
8.353E-05	1.479E-01	1.614E-02	1.521E-11	2.605E-14	3.503E-11	9.341E-26	5.179E-16	1.760E+04
7.353E-05	1.441E-01	1.937E-02	1.282E-11	1.846E-14	2.802E-11	5.477E-26	3.754E-16	1.780E+04
6.462E-05	1.394E-01	2.303E-02	1.075E-11	1.312E-14	2.240E-11	3.231E-26	2.713E-16	1.800E+04
5.667E-05	1.349E-01	2.714E-02	9.078E-12	9.342E-15	1.789E-11	1.915E-26	1.954E-16	1.820E+04
4.937E-05	1.296E-01	3.167E-02	7.620E-12	6.601E-15	1.426E-11	1.140E-26	1.401E-16	1.840E+04
4.324E-05	1.238E-01	3.660E-02	6.382E-12	4.753E-15	1.134E-11	6.807E-27	9.992E-17	1.860E+04
3.759E-05	1.170E-01	4.180E-02	5.331E-12	3.342E-15	8.991E-12	4.077E-27	7.081E-17	1.880E+04
3.256E-05	1.110E-01	4.745E-02	4.439E-12	2.420E-15	7.104E-12	2.447E-27	4.984E-17	1.900E+04
2.810E-05	1.042E-01	5.323E-02	3.665E-12	1.726E-15	5.601E-12	1.471E-27	3.461E-17	1.920E+04
2.416E-05	9.718E-02	5.915E-02	3.047E-12	1.229E-15	4.398E-12	8.857E-28	2.416E-17	1.940E+04
2.088E-05	9.011E-02	6.510E-02	2.511E-12	8.744E-16	3.441E-12	5.336E-28	1.662E-17	1.960E+04
1.764E-05	8.300E-02	7.101E-02	2.061E-12	6.212E-16	2.682E-12	3.216E-28	1.135E-17	1.980E+04
1.498E-05	7.614E-02	7.678E-02	1.686E-12	4.406E-16	2.084E-12	1.939E-28	7.691E-18	2.000E+04
1.288E-05	6.944E-02	8.234E-02	1.375E-12	3.121E-16	1.613E-12	1.169E-28	5.155E-18	2.020E+04
1.070E-05	6.301E-02	8.762E-02	1.117E-12	2.208E-16	1.245E-12	7.047E-29	3.471E-18	2.040E+04
9.006E-06	5.693E-02	9.257E-02	9.054E-13	1.560E-16	9.575E-13	4.248E-29	2.310E-18	2.060E+04
7.559E-06	5.123E-02	9.715E-02	7.320E-13	1.098E-16	7.345E-13	2.560E-29	1.530E-18	2.080E+04
6.331E-06	4.594E-02	1.013E-01	5.906E-13	7.753E-17	5.117E-13	1.542E-29	1.010E-18	2.100E+04
5.294E-06	4.107E-02	1.051E-01	4.754E-13	5.463E-17	4.207E-13	9.286E-30	6.643E-19	2.120E+04
4.422E-06	3.662E-02	1.084E-01	3.830E-13	3.846E-17	3.203E-13	5.587E-30	4.361E-19	2.140E+04
3.671E-06	3.257E-02	1.113E-01	3.081E-13	2.704E-17	2.478E-13	3.358E-30	2.854E-19	2.160E+04
3.079E-06	2.893E-02	1.136E-01	2.478E-13	1.902E-17	1.878E-13	2.015E-30	1.874E-19	2.180E+04
2.569E-06	2.565E-02	1.159E-01	1.994E-13	1.335E-17	1.419E-13	1.208E-30	1.228E-19	2.200E+04
2.144E-06	2.272E-02	1.176E-01	1.605E-13	9.373E-18	1.070E-13	7.225E-31	8.054E-20	2.220E+04
1.791E-06	2.011E-02	1.190E-01	1.293E-13	6.574E-18	8.054E-14	4.310E-31	5.295E-20	2.240E+04
1.497E-06	1.760E-02	1.208E-01	1.043E-13	4.607E-18	6.046E-14	2.564E-31	3.465E-20	2.260E+04
1.253E-06	1.574E-02	1.228E-01	8.425E-14	3.225E-18	4.527E-14	1.520E-31	2.294E-20	2.280E+04
1.030E-06	1.392E-02	1.251E-01	6.816E-14	2.255E-18	3.381E-14	8.977E-32	1.522E-20	2.300E+04
8.605E-07	1.232E-02	1.275E-01	5.522E-14	1.574E-18	2.518E-14	5.280E-32	1.000E-20	2.320E+04
7.338E-07	1.090E-02	1.276E-01	4.482E-14	1.098E-18	1.871E-14	3.042E-32	6.127E-21	2.340E+04
6.226E-07	9.694E-03	1.278E-01	3.644E-14	7.645E-19	1.386E-14	1.803E-32	4.486E-21	2.360E+04
5.248E-07	8.549E-03	1.277E-01	2.967E-14	5.316E-19	1.025E-14	1.046E-32	3.009E-21	2.380E+04
4.431E-07	7.580E-03	1.288E-01	2.420E-14	3.641E-19	7.557E-15	6.044E-33	2.024E-21	2.400E+04
3.747E-07	6.727E-03	1.294E-01	1.977E-14	2.500E-19	5.501E-15	3.476E-33	1.366E-21	2.420E+04
3.175E-07	5.976E-03	1.298E-01	1.619E-14	1.773E-19	4.063E-15	1.991E-33	9.256E-22	2.440E+04
2.694E-07	5.315E-03	1.293E-01	1.327E-14	1.227E-19	2.993E-15	1.136E-33	6.295E-22	2.460E+04
2.291E-07	4.732E-03	1.287E-01	1.090E-14	8.484E-20	2.191E-15	6.457E-34	4.237E-22	2.480E+04
1.951E-07	4.219E-03	1.281E-01	8.962E-15	5.864E-20	1.602E-15	3.601E-34	2.945E-22	2.500E+04

Table II. - Continued.

P/P0 = 1.00E-02

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.445E-11	1.760E-18	0.
2.000E+02	0.	7.660E-67	0.	0.	0.	5.205E-11	1.760E-18	0.
3.000E+02	0.	3.643E-45	3.077E-79	0.	0.	5.867E-11	1.760E-18	0.
4.000E+02	0.	2.387E-34	8.495E-62	0.	0.	4.845E-11	1.760E-18	0.
5.000E+02	0.	8.197E-28	2.406E-51	0.	0.	4.935E-11	1.760E-18	0.
6.000E+02	1.116E-91	1.913E-23	2.286E-44	0.	0.	5.013E-11	1.760E-18	0.
7.000E+02	6.297E-77	2.940E-20	1.950E-39	0.	5.868E-89	6.692E-11	1.760E-18	1.246E-02
8.000E+02	1.445E-64	3.180E-17	2.257E-36	0.	4.937E-75	1.582E-09	1.760E-18	6.202E-70
9.000E+02	1.204E-54	1.027E-14	3.922E-34	0.	9.221E-64	3.630E-06	1.760E-18	1.789E-59
1.000E+03	1.083E-46	1.056E-12	2.429E-32	0.	9.804E-55	4.507E-07	1.760E-18	4.281E-51
1.100E+03	3.555E-40	4.689E-11	7.145E-31	0.	2.351E-47	3.533E-06	1.760E-18	3.057E-44
1.200E+03	9.728E-35	1.109E-09	1.202E-29	0.	3.394E-41	1.960E-05	1.760E-18	1.566E-38
1.300E+03	3.928E-30	1.613E-08	1.315E-28	0.	5.460E-36	8.338E-05	1.760E-18	1.057E-33
1.400E+03	3.530E-26	1.602E-07	1.025E-27	0.	1.582E-31	2.877E-04	1.760E-18	1.451E-29
1.500E+03	9.504E-23	1.172E-06	6.096E-27	0.	1.162E-27	8.397E-04	1.759E-18	5.562E-26
1.600E+03	9.132E-20	6.685E-06	3.059E-26	0.	2.656E-24	2.136E-03	1.848E-18	7.182E-23
1.700E+03	7.870E-18	3.101E-05	6.356E-25	0.	4.866E-22	4.143E-03	9.630E-18	7.921E-21
1.800E+03	1.304E-16	1.210E-04	3.006E-23	0.	1.560E-20	9.947E-03	1.324E-16	1.609E-19
1.900E+03	1.485E-15	4.067E-04	1.028E-21	0.	3.162E-19	1.872E-02	1.489E-15	2.156E-18
2.000E+03	1.311E-14	1.202E-03	2.423E-20	0.	4.629E-18	3.250E-02	1.314E-14	2.153E-17
2.100E+03	9.321E-14	3.165E-03	4.478E-19	7.931E-86	5.105E-17	5.225E-02	9.342E-14	1.659E-16
2.200E+03	5.466E-13	7.514E-03	6.209E-18	1.424E-81	4.368E-16	7.764E-02	5.480E-13	1.007E-15
2.300E+03	2.696E-12	1.680E-02	6.870E-17	1.120E-77	2.965E-15	1.073E-01	2.704E-12	4.291E-15
2.400E+03	1.136E-11	3.191E-02	6.238E-16	4.309E-74	1.623E-14	1.365E-01	1.139E-11	1.917E-14
2.500E+03	4.142E-11	5.767E-02	4.759E-15	8.882E-71	7.261E-14	1.598E-01	4.157E-11	6.105E-14
2.600E+03	1.319E-10	9.599E-02	3.112E-14	1.061E-67	2.682E-13	1.716E-01	1.322E-10	1.587E-13
2.700E+03	3.704E-10	1.475E-01	1.774E-13	7.849E-65	8.253E-13	1.684E-01	3.705E-10	3.381E-13
2.800E+03	9.232E-10	2.097E-01	8.949E-13	3.807E-62	2.130E-12	1.506E-01	9.232E-10	5.916E-13
2.900E+03	2.057E-09	2.767E-01	4.041E-12	1.273E-59	4.646E-12	1.226E-01	2.057E-09	8.536E-13
3.000E+03	4.135E-09	3.400E-01	1.651E-11	3.046E-57	8.661E-12	5.110E-02	4.106E-09	1.027E-12
3.100E+03	7.591E-09	3.927E-01	6.158E-11	5.366E-55	1.408E-11	6.256E-02	7.468E-09	1.054E-12
3.200E+03	1.295E-08	4.315E-01	2.108E-10	7.076E-53	2.052E-11	4.052E-02	1.252E-08	9.593E-13
3.300E+03	2.098E-08	4.575E-01	6.648E-10	7.058E-51	2.773E-11	2.538E-02	1.958E-08	8.080E-13
3.400E+03	3.291E-08	4.739E-01	1.931E-09	5.316E-49	3.591E-11	1.569E-02	2.880E-08	6.570E-13
3.500E+03	5.105E-08	4.839E-01	5.150E-09	3.016E-47	4.581E-11	9.733E-03	3.092E-08	5.338E-13
3.600E+03	7.961E-08	4.899E-01	1.256E-08	1.284E-45	5.884E-11	6.108E-03	5.208E-08	4.447E-13
3.700E+03	1.262E-07	4.936E-01	2.796E-08	4.112E-44	7.716E-11	3.897E-03	6.386E-08	3.953E-13
3.800E+03	2.038E-07	4.958E-01	5.715E-08	1.009E-42	1.037E-10	2.533E-03	7.398E-08	3.486E-13
3.900E+03	3.333E-07	4.972E-01	1.085E-07	1.953E-41	1.419E-10	1.678E-03	8.180E-08	3.277E-13
4.000E+03	5.476E-07	4.981E-01	1.938E-07	3.082E-40	1.965E-10	1.133E-03	8.735E-08	3.170E-13
4.100E+03	8.975E-07	4.987E-01	3.297E-07	4.081E-39	2.730E-10	7.783E-04	9.100E-08	3.131E-13
4.200E+03	1.462E-06	4.991E-01	5.392E-07	4.629E-38	3.792E-10	5.442E-04	9.305E-08	3.142E-13
4.300E+03	2.364E-06	4.994E-01	8.463E-07	4.556E-37	5.261E-10	3.867E-04	9.365E-08	3.196E-13
4.400E+03	3.804E-06	4.997E-01	1.284E-06	3.918E-36	7.302E-10	2.790E-04	9.273E-08	3.298E-13
4.500E+03	6.111E-06	4.999E-01	1.876E-06	2.952E-35	1.017E-09	2.043E-04	9.018E-08	3.463E-13
4.600E+03	9.839E-06	5.003E-01	2.640E-06	1.951E-34	1.428E-09	1.516E-04	8.593E-08	3.709E-13
4.700E+03	1.592E-05	5.008E-01	3.576E-06	1.134E-33	2.024E-09	1.141E-04	8.013E-08	4.061E-13
4.800E+03	2.591E-05	5.015E-01	4.670E-06	5.841E-33	2.900E-09	8.694E-05	7.321E-08	4.544E-13
4.900E+03	4.228E-05	5.028E-01	5.909E-06	2.696E-32	4.188E-09	6.715E-05	6.581E-08	5.835E-13
5.000E+03	6.889E-05	5.049E-01	7.293E-06	1.133E-31	6.072E-09	5.257E-05	5.860E-08	6.006E-13
5.100E+03	1.114E-04	5.081E-01	8.852E-06	4.415E-31	8.792E-09	4.175E-05	5.208E-08	7.027E-13
5.200E+03	1.779E-04	5.180E-01	1.065E-05	1.623E-30	1.265E-08	3.348E-05	4.660E-08	8.265E-13
5.300E+03	2.738E-04	5.199E-01	1.231E-05	5.728E-30	1.799E-08	2.762E-05	4.229E-08	9.727E-13
5.400E+03	4.270E-04	5.282E-01	1.548E-05	1.967E-29	2.520E-08	2.304E-05	3.918E-08	1.141E-12
5.500E+03	6.368E-04	5.410E-01	1.890E-05	6.644E-29	3.462E-08	1.954E-05	3.718E-08	1.327E-12
5.600E+03	9.230E-04	5.548E-01	2.334E-05	2.223E-28	4.650E-08	1.680E-05	3.617E-08	1.525E-12
5.700E+03	1.300E-03	5.699E-01	2.917E-05	7.392E-28	6.095E-08	1.459E-05	3.599E-08	1.725E-12
5.800E+03	1.760E-03	5.853E-01	3.683E-05	2.441E-27	7.787E-08	1.275E-05	3.648E-08	1.912E-12
5.900E+03	2.374E-03	5.999E-01	4.685E-05	7.990E-27	9.695E-08	1.118E-05	3.749E-08	2.074E-12
6.000E+03	3.092E-03	6.180E-01	5.995E-05	2.583E-26	1.178E-07	9.792E-06	3.887E-08	2.200E-12
6.100E+03	3.945E-03	6.241E-01	7.658E-05	8.719E-26	1.400E-07	8.563E-06	4.052E-08	2.286E-12
6.200E+03	4.944E-03	6.329E-01	9.794E-05	2.565E-25	1.631E-07	7.472E-06	4.236E-08	2.333E-12
6.300E+03	6.103E-03	6.396E-01	1.25E-04	7.831E-25	1.870E-07	6.508E-06	4.432E-08	2.344E-12
6.400E+03	7.438E-03	6.444E-01	1.55E-04	2.334E-24	2.114E-07	5.663E-06	4.638E-08	2.327E-12
6.500E+03	8.968E-03	6.477E-01	2.013E-04	6.784E-24	2.364E-07	4.927E-06	4.851E-08	2.289E-12
6.600E+03	1.071E-02	6.498E-01	2.537E-04	1.922E-23	2.617E-07	4.289E-06	5.068E-08	2.234E-12
6.700E+03	1.269E-02	6.508E-01	3.181E-04	5.304E-23	2.876E-07	3.738E-06	5.291E-08	2.169E-12
6.800E+03	1.493E-02	6.510E-01	3.968E-04	1.427E-22	3.138E-07	3.262E-06	5.517E-08	2.097E-12
6.900E+03	1.746E-02	6.506E-01	4.924E-04	3.743E-22	3.404E-07	2.853E-06	5.747E-08	2.021E-12
7.000E+03	2.029E-02	6.496E-01	6.081E-04	9.582E-22	3.674E-07	2.500E-06	5.980E-08	1.942E-12
7.100E+03	2.344E-02	6.481E-01	7.472E-04	2.175E-21	3.946E-07	2.195E-06	6.217E-08	1.862E-12
7.200E+03	2.695E-02	6.461E-01	9.137E-04	5.853E-21	4.219E-07	1.931E-06	6.457E-08	1.782E-12
7.300E+03	3.083E-02	6.437E-01	1.112E-03	1.399E-20	4.492E-07	1.703E-06	6.700E-08	1.702E-12
7.400E+03	3.510E-02	6.409E-01	1.348E-03	3.275E-20	4.764E-07	1.504E-06	6.946E-08	1.622E-12
7.500E+03	3.977E-02	6.378E-01	1.627E-03	7.512E-20	5.031E-07	1.331E-06	7.195E-08	1.544E-12
7.600E+03	4.486E-02	6.342E-01	1.956E-03	1.692E-19	5.292E-07	1.180E-06	7.447E-08	1.466E-12
7.700E+03	5.038E-02	6.303E-01	2.342E-03	3.734E-19	5.546E-07	1.047E-06	7.703E-08	1.390E-12
7.800E+03	5.634E-02	6.260E-01	2.794E-03	8.105E-19	5.790E-07	9.308E-07	7.961E-08	1.315E-12
7.900E+03	6.272E-02	6.213E-01	3.323E-03	1.790E-18	6.021E-07	8.285E-07	8.223E-08	1.241E-12
8.000E+03	6.954E-02	6.162E-01	3.938E-03	3.634E-18	6.237E-07	7.382E-07	8.488E-08	1.169E-12
8.200E+03	8.441E-02	6.048E-01	5.483E-03	1.534E-17	6.616E-07	5.877E-07	9.02E-08	1.029E-12

Table II. - Continued.

P/P0 = 1.00E-02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
0.	3.750E-96	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
3.832E-77	3.888E-78	0.	0.	0.	0.	1.000E+00	0.	7.000E+02
1.990E-63	1.677E-65	0.	0.	0.	0.	1.000E+00	4.190E-90	7.000E+02
2.033E-54	1.401E-58	0.	0.	0.	0.	1.000E+00	1.277E-77	8.000E+02
1.060E-47	8.883E-54	0.	0.	0.	0.	1.000E+00	1.704E-68	9.000E+02
2.484E-42	6.026E-50	0.	0.	1.867E-85	9.014E-07	1.000E+00	3.314E-61	1.000E+03
6.169E-38	6.317E-47	0.	0.	3.184E-75	7.066E-06	1.000E+00	3.049E-55	1.100E+03
2.843E-34	3.453E-44	0.	0.	1.071E-66	3.921E-05	1.000E+00	2.852E-50	1.200E+03
3.592E-31	5.700E-42	0.	0.	1.755E-59	1.668E-04	1.552E-25	9.997E-01	1.300E+03
1.438E-28	4.556E-40	0.	0.	2.679E-53	5.757E-04	5.450E-25	9.991E-01	1.400E+03
3.306E-26	2.039E-38	2.570E-95	6.117E-48	1.681E-05	1.620E-24	9.975E-01	2.466E-39	1.500E+03
3.439E-24	5.977E-37	1.214E-91	2.833E-43	4.278E-03	4.418E-24	9.936E-01	1.336E-36	1.600E+03
2.072E-22	5.928E-35	5.332E-87	7.393E-40	9.716E-03	5.349E-23	9.854E-01	3.446E-34	1.700E+03
7.907E-21	1.124E-32	7.280E-82	2.517E-37	2.002E-02	1.558E-21	9.699E-01	4.779E-32	1.800E+03
2.052E-19	1.336E-30	3.402E-77	4.238E-35	3.785E-02	3.441E-20	9.430E-01	3.919E-30	1.900E+03
3.828E-18	9.929E-29	5.590E-73	4.184E-33	6.621E-02	5.593E-19	9.001E-01	2.049E-28	2.000E+03
3.609E-17	4.984E-27	3.736E-69	2.609E-31	1.077E-01	6.938E-18	8.369E-01	7.247E-27	2.100E+03
5.873E-16	1.761E-25	1.155E-65	1.086E-29	1.632E-01	6.809E-17	7.515E-01	1.820E-25	2.200E+03
5.161E-15	4.638E-24	1.839E-62	3.157E-28	2.008E-01	5.425E-16	6.457E-01	3.378E-24	2.300E+03
3.741E-14	9.422E-23	1.667E-59	6.654E-27	3.050E-01	3.600E-15	5.266E-01	4.799E-23	2.400E+03
2.290E-13	1.549E-21	9.263E-57	1.051E-25	3.773E-01	2.034E-14	4.051E-01	5.395E-22	2.500E+03
1.211E-12	2.715E-20	3.399E-54	1.282E-24	4.392E-01	9.997E-14	2.932E-01	4.964E-21	2.600E+03
5.660E-12	2.066E-19	8.797E-52	1.243E-23	4.843E-01	4.379E-13	1.998E-01	3.875E-20	2.700E+03
2.395E-11	2.600E-18	1.705E-49	9.865E-23	5.110E-01	1.744E-12	1.287E-01	2.666E-19	2.800E+03
9.388E-11	2.492E-17	2.605E-47	6.591E-22	5.218E-01	6.465E-12	7.895E-02	1.680E-18	2.900E+03
3.476E-10	2.240E-16	3.270E-45	3.808E-21	5.222E-01	2.271E-11	4.662E-02	1.002E-17	3.000E+03
1.231E-09	1.910E-15	3.461E-43	1.949E-20	5.178E-01	7.652E-11	2.688E-02	5.776E-17	3.100E+03
4.192E-09	1.538E-14	3.061E-41	9.021E-20	5.126E-01	2.475E-10	1.537E-02	3.226E-16	3.200E+03
1.368E-08	1.152E-13	2.225E-39	3.840E-19	5.083E-01	7.636E-10	8.838E-03	1.729E-15	3.300E+03
4.257E-08	7.874E-13	1.302E-37	1.027E-18	5.057E-01	2.221E-09	5.158E-03	8.780E-15	3.400E+03
1.240E-07	4.440E-12	5.973E-36	5.763E-18	5.033E-01	6.015E-09	3.073E-03	4.182E-14	3.500E+03
3.544E-07	2.637E-11	2.114E-34	2.096E-17	5.021E-01	1.501E-08	1.873E-03	1.550E-13	3.600E+03
9.478E-07	1.269E-10	5.746E-33	7.429E-17	5.014E-01	3.433E-08	1.169E-03	7.711E-13	3.700E+03
2.415E-06	5.413E-10	1.214E-31	2.574E-16	5.009E-01	7.220E-08	7.464E-04	2.987E-12	3.800E+03
5.872E-06	2.073E-09	2.045E-30	8.645E-16	5.006E-01	1.411E-07	4.872E-04	1.084E-11	3.900E+03
1.371E-05	7.229E-09	2.835E-29	2.844E-15	5.004E-01	2.594E-07	3.248E-04	3.698E-11	4.000E+03
3.071E-05	2.327E-08	3.324E-28	8.969E-15	5.002E-01	4.538E-07	2.207E-04	1.191E-10	4.100E+03
6.624E-05	6.980E-08	3.361E-27	2.722E-14	5.001E-01	7.610E-07	1.528E-04	3.631E-10	4.200E+03
1.379E-04	1.962E-07	2.967E-26	7.962E-14	4.999E-01	1.228E-06	1.076E-04	1.052E-09	4.300E+03
2.779E-04	5.181E-07	2.300E-25	2.253E-13	4.997E-01	1.910E-06	7.696E-05	2.905E-09	4.400E+03
5.427E-04	1.287E-06	1.570E-24	6.197E-13	4.993E-01	2.858E-06	5.587E-05	7.667E-09	4.500E+03
1.029E-03	3.003E-06	9.427E-24	1.666E-12	4.985E-01	4.111E-06	4.111E-05	1.937E-08	4.600E+03
1.890E-03	6.592E-06	4.993E-23	4.395E-12	4.972E-01	5.677E-06	3.062E-05	4.694E-08	4.700E+03
3.398E-03	1.343E-05	2.344E-22	1.138E-11	4.949E-01	7.533E-06	2.304E-05	1.091E-07	4.800E+03
5.923E-03	2.667E-05	9.848E-22	2.884E-11	4.911E-01	9.639E-06	1.754E-05	2.428E-07	4.900E+03
1.003E-02	4.960E-05	3.751E-21	7.117E-11	4.849E-01	1.194E-05	1.343E-05	5.166E-07	5.000E+03
1.647E-02	8.814E-05	1.313E-20	1.696E-10	4.751E-01	1.440E-05	1.034E-05	1.045E-06	5.100E+03
2.614E-02	1.503E-04	4.276E-20	3.868E-10	4.605E-01	1.697E-05	7.972E-06	1.998E-06	5.200E+03
3.995E-02	7.464E-04	1.310E-19	8.364E-10	4.395E-01	1.958E-05	6.133E-06	3.578E-06	5.300E+03
9.846E-02	3.893E-04	3.805E-19	1.700E-09	4.113E-01	2.216E-05	4.686E-06	5.950E-06	5.400E+03
8.204E-02	5.933E-04	1.055E-18	3.224E-09	3.757E-01	2.460E-05	3.537E-06	9.121E-06	5.500E+03
1.087E-01	8.729E-04	2.807E-18	5.634E-09	3.337E-01	2.678E-05	2.625E-06	1.284E-05	5.600E+03
1.399E-01	1.242E-03	7.191E-18	9.314E-09	2.876E-01	2.857E-05	1.908E-06	1.660E-05	5.700E+03
1.707E-01	1.713E-03	1.780E-17	1.423E-08	2.404E-01	2.985E-05	1.353E-06	1.976E-05	5.800E+03
2.000E-01	2.296E-03	4.264E-17	2.038E-08	1.952E-01	3.057E-05	9.372E-07	2.171E-05	5.900E+03
2.262E-01	3.001E-03	9.930E-17	2.757E-08	1.545E-01	3.073E-05	6.343E-07	2.276E-05	6.000E+03
2.403E-01	3.838E-03	2.247E-16	3.553E-08	1.197E-01	3.039E-05	4.211E-07	2.242E-05	6.100E+03
2.660E-01	4.816E-03	4.950E-16	4.338E-08	0.121E-02	2.964E-05	2.755E-07	2.117E-05	6.200E+03
2.795E-01	5.949E-03	1.064E-15	5.270E-08	6.868E-02	2.861E-05	1.784E-07	1.935E-05	6.300E+03
2.893E-01	7.252E-03	2.232E-15	6.152E-08	5.134E-02	2.738E-05	1.150E-07	1.726E-05	6.400E+03
2.961E-01	8.741E-03	4.578E-15	7.037E-08	3.822E-02	2.605E-05	7.395E-08	1.513E-05	6.500E+03
3.033E-01	1.043E-02	9.190E-15	7.917E-08	2.843E-02	2.468E-05	4.765E-08	1.310E-05	6.600E+03
3.026E-01	1.235E-02	1.407E-14	8.790E-08	2.116E-02	2.332E-05	3.081E-08	1.125E-05	6.700E+03
3.033E-01	1.452E-02	3.485E-14	9.654E-08	1.579E-02	2.199E-05	2.003E-08	9.604E-06	6.800E+03
3.027E-01	1.694E-02	6.557E-14	1.050E-07	1.181E-02	2.071E-05	1.310E-08	8.166E-06	6.900E+03
3.010E-01	1.966E-02	1.226E-13	1.134E-07	8.872E-03	1.949E-05	8.621E-09	6.925E-06	7.000E+03
2.984E-01	2.268E-02	2.241E-13	1.215E-07	6.888E-03	1.833E-05	5.713E-09	5.860E-06	7.100E+03
2.949E-01	2.602E-02	4.028E-13	1.293E-07	5.062E-03	1.723E-05	3.812E-09	4.951E-06	7.200E+03
2.908E-01	2.970E-02	7.126E-13	1.367E-07	3.845E-03	1.619E-05	2.559E-09	4.177E-06	7.300E+03
2.859E-01	3.374E-02	1.242E-12	1.437E-07	2.931E-03	1.521E-05	1.729E-09	3.519E-06	7.400E+03
2.804E-01	3.813E-02	2.132E-12	1.501E-07	2.242E-03	1.428E-05	1.175E-09	2.960E-06	7.500E+03
2.743E-01	4.289E-02	3.611E-12	1.559E-07	1.720E-03	1.340E-05	8.029E-10	2.846E-06	7.600E+03
2.676E-01	4.803E-02	6.031E-12	1.609E-07	1.323E-03	1.256E-05	5.512E-10	2.081E-06	7.700E+03
2.603E-01	5.353E-02	9.944E-12	1.651E-07	1.020E-03	1.177E-05	3.801E-10	1.739E-06	7.800E+03
2.525E-01	5.939E-02	1.619E-11	1.683E-07	7.882E-04	1.102E-05	2.631E-10	1.449E-06	7.900E+03
2.441E-01	6.559E-02	2.604E-11	1.705E-07	6.099E-04	1.031E-05	1.828E-10	1.203E-06	8.000E+03
2.260E-01	7.892E-02	6.503E-11	1.715E-07	3.664E-04	8.976E-06	8.896E-11	8.205E-07	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.008E-01	5.918E-01	7.551E-03	6.122E-17	6.911E-07	4.693E-07	9.584E-08	8.969E-13
8.600E+03	1.185E-01	5.773E-01	1.030E-02	2.323E-16	7.109E-07	3.755E-07	1.015E-07	7.731E-13
8.800E+03	1.372E-01	5.613E-01	1.391E-02	8.412E-16	7.203E-07	3.007E-07	1.073E-07	6.587E-13
9.000E+03	1.566E-01	5.436E-01	1.862E-02	2.915E-15	7.192E-07	2.408E-07	1.130E-07	5.546E-13
9.200E+03	1.764E-01	5.244E-01	2.470E-02	9.682E-15	7.079E-07	1.925E-07	1.185E-07	4.612E-13
9.400E+03	1.963E-01	5.084E-01	3.242E-02	3.084E-14	6.874E-07	1.534E-07	1.234E-07	3.786E-13
9.600E+03	2.164E-01	4.804E-01	4.204E-02	9.416E-14	6.587E-07	1.215E-07	1.273E-07	3.065E-13
9.800E+03	2.365E-01	4.562E-01	5.378E-02	2.753E-13	6.232E-07	9.546E-08	1.296E-07	2.445E-13
1.000E+04	2.566E-01	4.279E-01	6.773E-02	7.698E-13	5.821E-07	7.414E-08	1.297E-07	1.919E-13
1.020E+04	2.769E-01	3.983E-01	8.384E-02	2.057E-12	5.366E-07	5.676E-08	1.271E-07	1.478E-13
1.040E+04	2.972E-01	3.667E-01	1.019E-01	5.256E-12	4.979E-07	4.272E-08	1.218E-07	1.115E-13
1.060E+04	3.174E-01	3.326E-01	1.214E-01	1.285E-11	4.371E-07	3.153E-08	1.138E-07	8.226E-14
1.080E+04	3.374E-01	2.997E-01	1.420E-01	3.009E-11	3.856E-07	2.278E-08	1.036E-07	5.120E-14
1.100E+04	3.568E-01	2.658E-01	1.630E-01	6.766E-11	3.348E-07	1.610E-08	9.179E-08	4.152E-14
1.120E+04	3.754E-01	2.326E-01	1.838E-01	1.465E-10	2.859E-07	1.113E-08	7.927E-08	2.837E-14
1.140E+04	3.928E-01	2.010E-01	2.038E-01	3.061E-10	2.402E-07	7.526E-09	6.679E-08	1.888E-14
1.160E+04	4.087E-01	1.717E-01	2.225E-01	6.190E-10	1.986E-07	4.968E-09	5.501E-08	1.227E-14
1.180E+04	4.230E-01	1.462E-01	2.395E-01	1.214E-09	1.620E-07	3.247E-09	4.440E-08	7.796E-15
1.200E+04	4.356E-01	1.216E-01	2.547E-01	2.317E-09	1.304E-07	2.082E-09	3.521E-08	4.860E-15
1.220E+04	4.466E-01	1.011E-01	2.679E-01	4.307E-09	1.039E-07	1.319E-09	2.753E-08	2.952E-15
1.240E+04	4.559E-01	8.354E-02	2.792E-01	7.818E-09	8.208E-08	8.278E-10	2.127E-08	1.808E-15
1.260E+04	4.637E-01	6.876E-02	2.888E-01	1.388E-09	6.442E-08	5.167E-10	1.630E-08	1.087E-15
1.280E+04	4.702E-01	5.644E-02	2.968E-01	2.416E-08	5.034E-08	3.215E-10	1.242E-08	6.505E-16
1.300E+04	4.755E-01	4.627E-02	3.034E-01	4.125E-08	3.923E-08	2.001E-10	9.432E-09	3.884E-16
1.320E+04	4.799E-01	3.783E-02	3.098E-01	6.921E-08	3.054E-08	1.247E-10	7.150E-09	2.321E-16
1.340E+04	4.835E-01	3.111E-02	3.132E-01	1.142E-07	2.378E-08	7.802E-11	5.422E-09	1.390E-16
1.360E+04	4.865E-01	2.566E-02	3.169E-01	1.855E-07	1.854E-08	4.906E-11	4.117E-09	8.368E-17
1.380E+04	4.889E-01	2.105E-02	3.197E-01	2.970E-07	1.449E-08	3.104E-11	3.134E-09	5.063E-17
1.400E+04	4.908E-01	1.737E-02	3.221E-01	4.690E-07	1.135E-08	1.978E-11	2.393E-09	3.073E-17
1.420E+04	4.924E-01	1.438E-02	3.240E-01	7.308E-07	8.918E-09	1.270E-11	1.835E-09	1.896E-17
1.440E+04	4.938E-01	1.194E-02	3.255E-01	1.125E-06	7.033E-09	8.215E-12	1.412E-09	1.174E-17
1.460E+04	4.949E-01	9.951E-03	3.268E-01	1.710E-06	5.567E-09	5.360E-12	1.092E-09	7.327E-18
1.480E+04	4.958E-01	8.319E-03	3.278E-01	2.572E-06	4.424E-09	3.526E-12	8.484E-10	4.615E-18
1.500E+04	4.966E-01	6.979E-03	3.296E-01	3.825E-06	3.530E-09	2.339E-12	6.623E-10	2.929E-18
1.520E+04	4.973E-01	5.874E-03	3.293E-01	5.629E-06	2.828E-09	1.564E-12	5.195E-10	1.879E-18
1.540E+04	4.979E-01	4.982E-03	3.299E-01	8.202E-06	2.275E-09	1.055E-12	4.094E-10	1.214E-18
1.560E+04	4.985E-01	4.206E-03	3.301E-01	1.184E-05	1.838E-09	7.172E-13	3.242E-10	7.916E-19
1.580E+04	4.991E-01	3.576E-03	3.304E-01	1.692E-05	1.491E-09	4.914E-13	2.579E-10	5.202E-19
1.600E+04	4.996E-01	3.051E-03	3.305E-01	2.399E-05	1.214E-09	3.394E-13	2.061E-10	3.452E-19
1.620E+04	5.002E-01	2.612E-03	3.305E-01	3.367E-05	9.924E-10	2.361E-13	1.654E-10	2.307E-19
1.640E+04	5.009E-01	2.243E-03	3.305E-01	4.690E-05	8.145E-10	1.655E-13	1.333E-10	1.555E-19
1.660E+04	5.016E-01	1.931E-03	3.303E-01	6.478E-05	6.711E-10	1.168E-13	1.079E-10	1.056E-19
1.680E+04	5.024E-01	1.668E-03	3.300E-01	8.876E-05	5.551E-10	8.307E-14	8.770E-11	7.224E-20
1.700E+04	5.033E-01	1.445E-03	3.296E-01	1.207E-04	4.608E-10	5.945E-14	7.153E-11	4.981E-20
1.720E+04	5.043E-01	1.266E-03	3.290E-01	1.628E-04	3.839E-10	4.283E-14	5.856E-11	3.459E-20
1.740E+04	5.056E-01	1.094E-03	3.283E-01	2.180E-04	3.211E-10	3.105E-14	4.811E-11	2.419E-20
1.760E+04	5.070E-01	9.586E-04	3.274E-01	2.897E-04	2.694E-10	2.264E-14	3.965E-11	1.703E-20
1.780E+04	5.086E-01	8.368E-04	3.264E-01	3.824E-04	2.269E-10	1.661E-14	3.278E-11	1.208E-20
1.800E+04	5.104E-01	7.345E-04	3.252E-01	5.010E-04	1.917E-10	1.226E-14	2.717E-11	8.618E-21
1.820E+04	5.124E-01	6.463E-04	3.237E-01	6.520E-04	1.625E-10	9.091E-15	2.259E-11	6.181E-21
1.840E+04	5.147E-01	5.699E-04	3.221E-01	8.426E-04	1.382E-10	6.778E-15	1.883E-11	4.470E-21
1.860E+04	5.172E-01	5.087E-04	3.203E-01	1.082E-03	1.179E-10	5.079E-15	1.573E-11	3.247E-21
1.880E+04	5.199E-01	4.460E-04	3.182E-01	1.380E-03	1.008E-10	3.823E-15	1.317E-11	2.372E-21
1.900E+04	5.228E-01	3.957E-04	3.160E-01	1.750E-03	8.648E-11	2.891E-15	1.105E-11	1.742E-21
1.920E+04	5.259E-01	3.517E-04	3.135E-01	2.206E-03	7.435E-11	2.195E-15	9.291E-12	1.285E-21
1.940E+04	5.290E-01	3.131E-04	3.109E-01	2.764E-03	6.407E-11	1.673E-15	7.824E-12	9.523E-22
1.960E+04	5.323E-01	2.792E-04	3.080E-01	3.444E-03	5.533E-11	1.280E-15	6.600E-12	7.087E-22
1.980E+04	5.357E-01	2.492E-04	3.050E-01	4.269E-03	4.787E-11	9.820E-16	5.574E-12	5.293E-22
2.000E+04	5.391E-01	2.228E-04	3.018E-01	5.264E-03	4.149E-11	7.559E-16	4.714E-12	3.967E-22
2.020E+04	5.426E-01	1.994E-04	2.983E-01	6.457E-03	3.600E-11	5.33E-16	3.990E-12	2.982E-22
2.040E+04	5.460E-01	1.786E-04	2.946E-01	7.880E-03	3.128E-11	4.512E-16	3.380E-12	2.245E-22
2.060E+04	5.494E-01	1.601E-04	2.907E-01	9.570E-03	2.721E-11	3.496E-16	2.863E-12	1.697E-22
2.080E+04	5.528E-01	1.436E-04	2.864E-01	1.156E-02	2.368E-11	2.713E-16	2.426E-12	1.284E-22
2.100E+04	5.561E-01	1.288E-04	2.819E-01	1.390E-02	2.062E-11	2.107E-16	2.054E-12	9.720E-23
2.120E+04	5.595E-01	1.166E-04	2.769E-01	1.662E-02	1.797E-11	1.637E-16	1.737E-12	7.365E-23
2.140E+04	5.629E-01	1.037E-04	2.716E-01	1.976E-02	1.565E-11	1.272E-16	1.467E-12	5.582E-23
2.160E+04	5.662E-01	9.292E-05	2.657E-01	2.337E-02	1.363E-11	9.872E-17	1.236E-12	4.228E-23
2.180E+04	5.697E-01	8.321E-05	2.593E-01	2.746E-02	1.186E-11	7.652E-17	1.039E-12	3.199E-23
2.200E+04	5.731E-01	7.444E-05	2.524E-01	3.208E-02	1.031E-11	5.918E-17	8.105E-13	2.416E-23
2.220E+04	5.767E-01	6.648E-05	2.449E-01	3.723E-02	8.958E-12	4.564E-17	7.207E-13	1.820E-23
2.240E+04	5.803E-01	5.926E-05	2.368E-01	4.292E-02	7.769E-12	3.508E-17	6.014E-13	1.367E-23
2.260E+04	5.841E-01	5.272E-05	2.291E-01	4.914E-02	6.725E-12	2.685E-17	4.962E-13	1.023E-23
2.280E+04	5.879E-01	4.677E-05	2.188E-01	5.585E-02	5.809E-12	2.045E-17	4.069E-13	622E-24
2.300E+04	5.918E-01	4.139E-05	2.090E-01	6.302E-02	5.005E-12	1.550E-17	3.315E-13	4.651E-24
2.320E+04	5.958E-01	3.651E-05	1.988E-01	7.060E-02	4.301E-12	1.167E-17	2.681E-13	4.166E-24
2.340E+04	5.999E-01	3.210E-05	1.882E-01	7.850E-02	3.685E-12	8.739E-18	2.153E-13	3.053E-24
2.360E+04	6.040E-01	2.813E-05	1.773E-01	8.664E-02	3.148E-12	6.499E-18	1.716E-13	2.242E-24
2.380E+04	6.081E-01	2.457E-05	1.663E-01	9.494E-02	2.679E-12	4.801E-18	1.356E-13	1.609E-24
2.400E+04	6.121E-01	2.138E-05	1.553E-01	1.033E-01	2.273E-12	3.522E-18	1.064E-13	1.157E-24
2.420E+04	6.161E-01	1.854E-05	1.443E-01	1.116E-01	1.922E-12	2.567E-18	8.281E-14	8.257E-25
2.440E+04	6.199E-01	1.603E-05	1.335E-01	1.198E-01	1.619E-12	1.858E-18	6.401E-14	5.856E-25
2.460E+04	6.237E-01	1.381E-05	1.231E-01	1.278E-01	1.360E-12	1.337E-18	4.911E-14	4.127E-25
2.480E+04	6.273E-01	1.186E-05	1.129E-01	1.355E-01	1.138E-12	9.556E-19	3.743E-14	2.891E-25
2.500E+04	6.307E-01	1.016E-05	1.033E-01	1.429E-01	9.500E-13	6.795E-19	2.835E-14	2.014E-25

Table II. - Continued.

C	C*	C++	C-	CU	CU*	CC2	C2	T
2.003E-01	9.502E-02	1.524E-10	1.001E-07	2.206E-04	7.768E-06	4.365E-11	5.437E-07	8.430E+03
1.855E-01	1.002E-01	3.500E-10	1.002E-07	1.323E-04	6.672E-06	2.153E-11	3.609E-07	8.630E+03
1.643E-01	1.233E-01	7.037E-10	1.406E-07	7.977E-05	5.601E-06	1.064E-11	2.317E-07	8.830E+03
1.432E-01	1.303E-01	1.000E-09	1.341E-07	4.774E-05	4.790E-06	5.258E-12	1.454E-07	9.000E+03
1.229E-01	1.517E-01	3.391E-09	1.100E-07	2.043E-05	3.996E-06	2.542E-12	8.920E-08	9.200E+03
1.040E-01	1.633E-01	6.084E-09	1.014E-07	1.065E-05	3.296E-06	1.273E-12	5.358E-08	9.400E+03
8.037E-02	1.743E-01	1.273E-08	0.541E-06	9.927E-06	2.080E-06	6.220E-13	3.161E-08	9.600E+03
7.182E-02	1.827E-01	2.345E-08	7.074E-08	5.020E-06	2.102E-06	3.015E-13	1.038E-08	9.800E+03
5.042E-02	1.009E-01	4.130E-08	5.750E-08	3.395E-06	1.717E-06	1.455E-13	1.058E-08	1.070E+04
4.033E-02	1.093E-01	7.257E-08	4.090E-08	1.971E-06	1.340E-06	6.925E-14	6.046E-09	1.020E+04
3.038E-02	1.953E-01	1.224E-07	3.771E-08	1.138E-06	1.041E-06	3.263E-14	3.446E-09	1.040E+04
2.125E-02	1.900E-01	2.010E-07	3.014E-08	6.542E-07	7.950E-07	1.518E-14	1.962E-09	1.060E+04
2.548E-02	1.954E-01	2.244E-07	2.390E-08	2.743E-07	5.996E-07	6.961E-15	1.119E-09	1.080E+04
2.007E-02	1.920E-01	5.134E-07	1.900E-08	2.127E-07	4.470E-07	3.147E-15	6.394E-10	1.100E+04
1.000E-02	1.910E-01	7.599E-07	1.499E-08	1.204E-07	3.298E-07	1.403E-15	3.670E-10	1.120E+04
1.340E-02	1.090E-01	1.220E-07	1.100E-08	6.700E-08	2.412E-07	6.167E-16	2.117E-10	1.140E+04
1.004E-02	1.080E-01	1.069E-07	9.256E-09	3.814E-08	1.751E-07	2.600E-16	1.230E-10	1.160E+04
8.703E-03	1.030E-01	2.003E-06	7.244E-09	2.141E-08	1.264E-07	1.154E-16	7.195E-11	1.180E+04
7.136E-03	1.030E-01	4.177E-06	5.672E-09	1.202E-08	4.091E-08	4.940E-17	4.747E-11	1.200E+04
5.010E-03	1.070E-01	0.175E-06	4.337E-09	6.766E-09	6.528E-08	2.109E-17	2.531E-11	1.220E+04
4.758E-03	1.060E-01	9.059E-06	3.474E-09	3.824E-09	4.608E-08	9.008E-18	1.524E-11	1.240E+04
3.999E-03	1.749E-01	1.311E-05	2.725E-09	2.173E-09	3.571E-08	3.863E-18	9.201E-12	1.260E+04
3.225E-03	1.734E-01	1.530E-05	2.142E-09	1.244E-09	2.431E-08	1.667E-18	5.715E-12	1.280E+04
2.072E-03	1.721E-01	2.734E-05	1.609E-09	7.135E-10	1.760E-08	7.264E-19	3.559E-12	1.300E+04
2.224E-03	1.711E-01	3.900E-05	1.336E-09	4.109E-10	1.260E-08	3.200E-19	2.241E-12	1.320E+04
1.059E-03	1.702E-01	5.525E-05	1.060E-09	2.467E-10	9.353E-09	1.420E-19	1.427E-12	1.340E+04
1.301E-03	1.090E-01	7.705E-05	0.641E-10	1.400E-10	0.816E-09	6.459E-20	9.184E-13	1.360E+04
1.316E-03	1.090E-01	1.077E-04	6.703E-10	0.030E-11	5.304E-09	2.656E-20	5.900E-13	1.380E+04
1.115E-03	1.009E-01	1.000E-04	5.435E-10	5.377E-11	3.782E-09	1.382E-20	3.931E-13	1.400E+04
9.479E-04	1.000E-01	2.041E-04	4.305E-10	3.300E-11	2.031E-09	6.541E-21	2.010E-13	1.420E+04
8.042E-04	1.007E-01	2.777E-04	3.555E-10	2.056E-11	2.132E-09	3.145E-21	1.750E-13	1.440E+04
6.934E-04	1.073E-01	3.735E-04	2.090E-10	1.295E-11	1.615E-09	1.335E-21	1.184E-13	1.460E+04
5.903E-04	1.070E-01	5.054E-04	2.300E-10	0.231E-12	1.231E-09	7.610E-22	8.077E-14	1.480E+04
5.140E-04	1.000E-01	0.705E-04	1.935E-10	5.297E-12	9.434E-10	3.825E-22	5.558E-14	1.500E+04
4.456E-04	1.002E-01	0.001E-04	1.552E-10	3.431E-12	7.270E-10	1.955E-22	3.855E-14	1.520E+04
3.670E-04	1.058E-01	1.102E-03	1.315E-10	2.248E-12	5.032E-10	1.013E-22	2.644E-14	1.540E+04
3.371E-04	1.053E-01	1.511E-03	1.090E-10	1.467E-12	4.385E-10	5.310E-23	1.895E-14	1.560E+04
2.944E-04	1.047E-01	1.908E-03	9.050E-11	9.522E-13	3.431E-10	2.829E-23	1.342E-14	1.580E+04
2.070E-04	1.040E-01	2.532E-03	7.550E-11	6.670E-13	2.696E-10	1.524E-23	9.561E-15	1.600E+04
2.202E-04	1.031E-01	3.235E-03	0.311E-11	4.531E-13	2.127E-10	0.316E-24	0.047E-15	1.620E+04
1.908E-04	1.021E-01	4.106E-03	5.208E-11	3.098E-13	1.084E-10	4.985E-24	9.927E-15	1.640E+04
1.711E-04	1.000E-01	5.174E-03	4.441E-11	2.134E-13	1.338E-10	2.501E-24	3.559E-15	1.660E+04
1.544E-04	1.052E-01	6.474E-03	3.730E-11	1.479E-13	1.060E-10	1.444E-24	2.800E-15	1.680E+04
1.302E-04	1.074E-01	0.041E-03	3.140E-11	1.032E-13	8.511E-11	6.221E-25	1.075E-15	1.700E+04
1.203E-04	1.052E-01	9.413E-03	2.655E-11	7.234E-14	6.009E-11	4.723E-25	1.359E-15	1.720E+04
1.002E-04	1.020E-01	1.212E-02	2.242E-11	5.097E-14	5.455E-11	2.746E-25	9.927E-16	1.740E+04
9.372E-05	1.495E-01	1.471E-02	1.895E-11	3.607E-14	4.373E-11	1.597E-25	7.244E-16	1.760E+04
8.226E-05	1.400E-01	1.770E-02	1.596E-11	2.502E-14	3.507E-11	9.304E-26	5.271E-16	1.780E+04
7.201E-05	1.420E-01	2.171E-02	1.349E-11	1.825E-14	2.011E-11	5.549E-26	3.820E-16	1.800E+04
6.402E-05	1.379E-01	2.494E-02	1.137E-11	1.303E-14	2.251E-11	3.295E-26	2.771E-16	1.820E+04
5.617E-05	1.325E-01	2.921E-02	9.565E-12	9.311E-15	1.003E-11	1.969E-26	1.999E-16	1.840E+04
4.915E-05	1.270E-01	3.306E-02	0.030E-12	6.672E-15	1.436E-11	1.180E-26	1.434E-16	1.860E+04
4.287E-05	1.211E-01	3.892E-02	0.735E-12	4.719E-15	1.143E-11	7.096E-27	1.023E-16	1.880E+04
3.720E-05	1.140E-01	4.428E-02	5.628E-12	3.425E-15	9.077E-12	4.277E-27	7.257E-17	1.900E+04
3.229E-05	1.061E-01	4.985E-02	4.089E-12	2.451E-15	7.183E-12	2.583E-27	5.111E-17	1.920E+04
2.737E-05	1.013E-01	5.506E-02	3.843E-12	1.753E-15	5.600E-12	1.562E-27	3.573E-17	1.940E+04
2.396E-05	9.931E-02	6.155E-02	3.221E-12	1.253E-15	4.453E-12	9.453E-28	2.480E-17	1.960E+04
2.032E-05	9.731E-02	6.743E-02	2.655E-12	8.941E-16	3.488E-12	5.726E-28	1.708E-17	1.980E+04
1.751E-05	8.030E-02	7.323E-02	2.101E-12	6.372E-16	2.722E-12	3.470E-28	1.108E-17	2.000E+04
1.488E-05	7.301E-02	7.880E-02	1.705E-12	4.535E-16	2.117E-12	2.103E-28	7.926E-18	2.020E+04
1.201E-05	6.707E-02	8.420E-02	1.457E-12	3.223E-16	1.641E-12	1.274E-28	5.352E-18	2.040E+04
1.005E-05	6.083E-02	8.935E-02	1.105E-12	2.021E-16	1.208E-12	7.723E-29	3.571E-18	2.060E+04
8.974E-06	5.497E-02	9.412E-02	9.020E-13	1.021E-16	9.774E-13	4.079E-29	2.396E-18	2.080E+04
7.543E-06	4.944E-02	9.891E-02	7.790E-13	1.140E-16	7.510E-13	2.834E-29	1.542E-18	2.100E+04
6.328E-06	4.344E-02	1.025E-01	6.247E-13	8.123E-17	5.755E-13	1.716E-29	1.055E-18	2.120E+04
5.302E-06	3.900E-02	1.001E-01	5.083E-13	5.711E-17	4.400E-13	1.038E-29	6.940E-19	2.140E+04
4.437E-06	3.508E-02	1.022E-01	4.100E-13	4.054E-17	3.355E-13	6.275E-30	4.592E-19	2.160E+04
3.712E-06	3.100E-02	1.115E-01	3.306E-13	2.801E-17	2.553E-13	3.785E-30	3.025E-19	2.180E+04
3.104E-06	2.800E-02	1.143E-01	2.668E-13	2.013E-17	1.930E-13	2.264E-30	1.992E-19	2.200E+04
2.590E-06	2.400E-02	1.162E-01	2.150E-13	1.423E-17	1.468E-13	1.375E-30	1.312E-19	2.220E+04
2.112E-06	2.070E-02	1.178E-01	1.735E-13	1.002E-17	1.109E-13	8.256E-31	8.053E-20	2.240E+04
1.819E-06	1.954E-02	1.191E-01	1.402E-13	7.052E-18	8.363E-14	4.945E-31	5.716E-20	2.260E+04
1.524E-06	1.731E-02	1.200E-01	1.134E-13	4.951E-18	6.290E-14	2.953E-31	3.703E-20	2.280E+04
1.279E-06	1.553E-02	1.207E-01	9.130E-14	3.401E-18	4.717E-14	1.757E-31	2.510E-20	2.300E+04
1.074E-06	1.358E-02	1.211E-01	7.452E-14	2.442E-18	3.531E-14	1.042E-31	1.669E-20	2.320E+04
9.035E-07	1.203E-02	1.213E-01	6.054E-14	1.711E-18	2.636E-14	6.149E-32	1.114E-20	2.340E+04
7.011E-07	1.060E-02	1.213E-01	4.927E-14	1.147E-18	1.962E-14	3.614E-32	7.454E-21	2.360E+04
6.421E-07	9.456E-03	1.212E-01	4.016E-14	0.360E-19	1.457E-14	2.115E-32	5.005E-21	2.380E+04
5.426E-07	8.391E-03	1.209E-01	3.279E-14	5.832E-19	1.080E-14	1.232E-32	3.372E-21	2.400E+04
4.593E-07	7.022E-03	1.205E-01	2.601E-14	4.063E-19	7.475E-15	7.147E-33	2.280E-21	2.420E+04
3.894E-07	6.024E-03	1.201E-01	2.146E-14	2.825E-19	5.886E-15	4.127E-33	1.547E-21	2.440E+04
3.307E-07	5.094E-03	1.195E-01	1.802E-14	1.905E-19	4.333E-15	2.374E-33	1.053E-21	2.460E+04
2.813E-07	4.251E-03	1.190E-01	1.481E-14	1.365E-19	3.105E-15	1.361E-33	7.201E-22	2.480E+04
2.347E-07	4.003E-03	1.184E-01	1.219E-14	9.473E-20	2.338E-15	7.775E-34	4.940E-22	2.500E+04

Table II. - Continued.

P/P0 = 2.00E-02

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.438E-11	1.760E-18	0.
2.000E+02	0.	5.405E-67	0.	0.	0.	5.183E-11	1.760E-18	0.
3.000E+02	0.	2.464E-45	2.275E-79	0.	0.	5.367E-11	1.760E-18	0.
4.000E+02	0.	1.719E-34	5.898E-62	0.	0.	5.024E-11	1.760E-18	0.
5.000E+02	0.	5.872E-28	1.679E-51	0.	0.	5.065E-11	1.760E-18	0.
6.000E+02	5.752E-92	1.373E-23	1.592E-44	0.	0.	5.166E-11	1.760E-18	4.028E-96
7.000E+02	2.881E-77	1.990E-20	1.441E-39	0.	3.640E-89	6.132E-11	1.760E-18	1.047E-92
8.000E+02	5.765E-65	2.009E-17	1.786E-36	0.	2.490E-75	1.263E-09	1.760E-18	3.951E-70
9.000E+02	4.781E-55	6.469E-15	3.113E-34	0.	4.604E-64	2.882E-08	1.760E-18	1.127E-59
1.000E+03	4.297E-47	6.651E-13	1.928E-32	0.	4.902E-55	3.577E-07	1.760E-18	2.697E-51
1.100E+03	1.411E-40	2.954E-11	5.671E-31	0.	1.191E-47	2.804E-06	1.760E-18	1.926E-44
1.200E+03	3.860E-35	6.984E-10	9.539E-30	0.	1.694E-41	1.556E-05	1.760E-18	9.867E-39
1.300E+03	1.559E-30	1.016E-08	1.043E-28	0.	2.730E-36	6.618E-05	1.760E-18	6.660E-34
1.400E+03	1.401E-26	1.010E-07	8.136E-28	0.	7.910E-32	2.284E-04	1.760E-18	9.141E-30
1.500E+03	3.773E-23	7.387E-07	4.838E-27	0.	5.811E-28	6.667E-04	1.759E-18	3.506E-26
1.600E+03	3.735E-20	4.214E-06	2.357E-26	0.	1.370E-24	1.697E-03	1.795E-18	4.669E-23
1.700E+03	4.680E-18	1.956E-05	3.372E-25	0.	3.651E-22	3.853E-03	6.442E-18	7.496E-21
1.800E+03	8.203E-17	7.639E-05	1.509E-23	0.	1.239E-20	7.935E-03	8.395E-17	1.614E-19
1.900E+03	9.391E-16	2.574E-04	5.145E-22	0.	2.532E-19	1.500E-02	9.432E-16	2.185E-18
2.000E+03	8.327E-15	7.685E-04	1.247E-20	0.	3.734E-18	2.624E-02	8.354E-15	2.207E-17
2.100E+03	5.952E-14	2.023E-03	2.239E-19	3.107E-86	4.166E-17	4.267E-02	5.973E-14	1.730E-16
2.200E+03	3.520E-13	4.842E-03	3.107E-18	5.531E-82	3.626E-16	6.466E-02	3.534E-13	1.078E-15
2.300E+03	1.757E-12	1.067E-02	3.438E-17	4.301E-78	2.521E-15	9.130E-02	1.765E-12	5.425E-15
2.400E+03	7.525E-12	2.115E-02	3.122E-16	1.628E-74	1.425E-14	1.200E-01	7.559E-12	2.231E-14
2.500E+03	2.801E-11	3.904E-02	2.390E-15	3.287E-71	6.647E-14	1.465E-01	2.814E-11	7.566E-14
2.600E+03	9.158E-11	6.670E-02	1.558E-14	3.825E-68	2.588E-13	1.657E-01	9.197E-11	2.128E-13
2.700E+03	2.655E-10	1.058E-01	8.992E-14	2.740E-65	8.490E-13	1.734E-01	2.665E-10	4.992E-13
2.800E+03	6.876E-10	1.564E-01	4.480E-13	1.280E-62	2.366E-12	1.675E-01	6.894E-10	9.801E-13
2.900E+03	1.602E-09	2.157E-01	2.024E-12	4.095E-60	5.641E-12	1.491E-01	1.603E-09	1.617E-12
3.000E+03	3.378E-09	2.785E-01	8.277E-12	9.342E-58	1.159E-11	1.222E-01	3.370E-09	2.251E-12
3.100E+03	6.503E-09	3.378E-01	3.092E-11	1.573E-55	2.074E-11	9.257E-02	6.450E-09	2.673E-12
3.200E+03	1.155E-08	3.874E-01	1.062E-10	2.030E-53	3.288E-11	6.546E-02	1.134E-08	2.763E-12
3.300E+03	1.922E-08	4.268E-01	3.377E-10	1.954E-51	4.728E-11	4.395E-02	1.851E-08	2.564E-12
3.400E+03	3.046E-08	4.522E-01	9.953E-10	1.430E-49	6.343E-11	2.858E-02	2.832E-08	2.215E-12
3.500E+03	4.687E-08	4.695E-01	2.721E-09	8.677E-48	8.162E-11	1.833E-02	4.094E-08	1.846E-12
3.600E+03	7.122E-08	4.805E-01	6.895E-09	3.933E-46	1.033E-10	1.175E-02	5.601E-08	1.531E-12
3.700E+03	1.085E-07	4.874E-01	1.606E-08	1.374E-44	1.310E-10	7.601E-03	7.247E-08	1.292E-12
3.800E+03	1.673E-07	4.918E-01	3.453E-08	3.714E-43	1.688E-10	4.983E-03	8.867E-08	1.126E-12
3.900E+03	2.619E-07	4.945E-01	6.865E-08	7.864E-42	2.218E-10	3.319E-03	1.030E-07	1.019E-12
4.000E+03	4.151E-07	4.963E-01	1.274E-07	1.336E-40	2.967E-10	2.248E-03	1.144E-07	9.542E-13
4.100E+03	6.615E-07	4.975E-01	2.231E-07	1.873E-39	4.014E-10	1.549E-03	1.228E-07	9.184E-13
4.200E+03	1.053E-06	4.982E-01	3.727E-07	2.224E-38	5.455E-10	1.084E-03	1.287E-07	9.023E-13
4.300E+03	1.669E-06	4.988E-01	5.983E-07	2.281E-37	7.421E-10	7.713E-04	1.322E-07	9.004E-13
4.400E+03	2.630E-06	4.992E-01	9.272E-07	2.047E-36	1.009E-09	5.568E-04	1.338E-07	9.103E-13
4.500E+03	4.121E-06	4.995E-01	1.390E-06	1.621E-35	1.371E-09	4.078E-04	1.335E-07	9.324E-13
4.600E+03	6.440E-06	4.998E-01	2.015E-06	1.138E-34	1.867E-09	3.026E-04	1.310E-07	9.691E-13
4.700E+03	1.007E-05	5.001E-01	2.824E-06	7.084E-34	2.557E-09	2.275E-04	1.264E-07	1.024E-12
4.800E+03	1.579E-05	5.006E-01	3.824E-06	3.925E-33	3.527E-09	1.732E-04	1.197E-07	1.103E-12
4.900E+03	2.486E-05	5.013E-01	5.009E-06	1.943E-32	4.910E-09	1.335E-04	1.112E-07	1.212E-12
5.000E+03	3.928E-05	5.024E-01	6.363E-06	8.667E-32	6.890E-09	1.041E-04	1.017E-07	1.356E-12
5.100E+03	6.209E-05	5.041E-01	7.881E-06	3.527E-31	9.720E-09	8.217E-05	9.199E-08	1.541E-12
5.200E+03	9.774E-05	5.068E-01	9.577E-06	1.328E-30	1.373E-08	6.573E-05	8.276E-08	1.772E-12
5.300E+03	1.525E-04	5.107E-01	1.150E-05	4.702E-30	1.933E-08	5.330E-05	7.461E-08	2.053E-12
5.400E+03	2.346E-04	5.163E-01	1.374E-05	1.589E-29	2.702E-08	4.386E-05	6.787E-08	2.387E-12
5.500E+03	3.544E-04	5.240E-01	1.644E-05	5.194E-29	3.732E-08	3.666E-05	6.268E-08	2.772E-12
5.600E+03	5.237E-04	5.338E-01	1.979E-05	1.661E-28	5.078E-08	3.110E-05	5.902E-08	3.206E-12
5.700E+03	7.553E-04	5.468E-01	2.404E-05	5.241E-28	6.784E-08	2.676E-05	5.680E-08	3.677E-12
5.800E+03	1.062E-03	5.593E-01	2.950E-05	1.639E-27	8.879E-08	2.330E-05	5.584E-08	4.167E-12
5.900E+03	1.455E-03	5.788E-01	3.656E-05	5.087E-27	1.136E-07	2.045E-05	5.595E-08	4.649E-12
6.000E+03	1.944E-03	5.882E-01	4.566E-05	1.567E-26	1.422E-07	1.803E-05	5.690E-08	5.094E-12
6.100E+03	2.540E-03	6.018E-01	5.735E-05	4.780E-26	1.738E-07	1.592E-05	5.852E-08	5.475E-12
6.200E+03	3.249E-03	6.139E-01	7.228E-05	1.440E-25	2.080E-07	1.406E-05	6.064E-08	5.771E-12
6.300E+03	4.082E-03	6.241E-01	9.118E-05	4.270E-25	2.441E-07	1.240E-05	6.311E-08	5.973E-12
6.400E+03	5.047E-03	6.324E-01	1.149E-04	1.244E-24	2.816E-07	1.091E-05	6.582E-08	6.084E-12
6.500E+03	6.157E-03	6.388E-01	1.446E-04	3.549E-24	3.201E-07	9.584E-06	6.872E-08	6.113E-12
6.600E+03	7.424E-03	6.436E-01	1.812E-04	9.907E-24	3.593E-07	8.414E-06	7.173E-08	6.075E-12
6.700E+03	8.864E-03	6.469E-01	2.264E-04	2.703E-23	3.992E-07	7.385E-06	7.485E-08	5.986E-12
6.800E+03	1.049E-02	6.490E-01	2.815E-04	7.204E-23	4.396E-07	6.485E-06	7.804E-08	5.858E-12
6.900E+03	1.233E-02	6.502E-01	3.484E-04	1.875E-22	4.806E-07	5.700E-06	8.129E-08	5.703E-12
7.000E+03	1.439E-02	6.507E-01	4.293E-04	4.769E-22	5.222E-07	5.017E-06	8.459E-08	5.529E-12
7.100E+03	1.670E-02	6.505E-01	5.265E-04	1.195E-21	5.642E-07	4.423E-06	8.794E-08	5.344E-12
7.200E+03	1.926E-02	6.497E-01	6.427E-04	2.880E-21	6.066E-07	3.906E-06	9.134E-08	5.152E-12
7.300E+03	2.211E-02	6.485E-01	7.810E-04	6.848E-21	6.493E-07	3.456E-06	9.479E-08	4.956E-12
7.400E+03	2.526E-02	6.468E-01	9.449E-04	1.594E-20	6.921E-07	3.064E-06	9.827E-08	4.758E-12
7.500E+03	2.873E-02	6.448E-01	1.138E-03	3.638E-20	7.349E-07	2.721E-06	1.018E-07	4.560E-12
7.600E+03	3.253E-02	6.424E-01	1.366E-03	8.140E-20	7.774E-07	2.420E-06	1.054E-07	4.363E-12
7.700E+03	3.668E-02	6.396E-01	1.632E-03	1.787E-19	8.194E-07	2.157E-06	1.090E-07	4.168E-12
7.800E+03	4.118E-02	6.365E-01	1.943E-03	3.855E-19	8.607E-07	1.925E-06	1.126E-07	3.975E-12
7.900E+03	4.606E-02	6.381E-01	2.306E-03	8.174E-19	9.010E-07	1.721E-06	1.163E-07	3.785E-12
8.000E+03	5.131E-02	6.293E-01	2.726E-03	1.705E-18	9.399E-07	1.540E-06	1.200E-07	3.598E-12
8.200E+03	6.294E-02	6.206E-01	3.773E-03	7.077E-18	1.012E-06	1.238E-06	1.275E-07	3.233E-12

Table II - Continued.

P/P0 = 2.00E-02

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	4.342E-44	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.690E-39	1.003E-79	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.720E-27	4.139E-59	1.000E+00	0.	4.000E+02
0.	1.704E-96	0.	0.	9.430E-20	9.178E-47	1.000E+00	0.	5.000E+02
1.045E-77	1.830E-78	0.	0.	5.108E-15	1.549E-38	1.000E+00	0.	6.000E+02
1.084E-63	9.989E-66	0.	0.	2.503E-11	9.184E-33	1.000E+00	2.495E-90	7.000E+02
1.274E-54	1.100E-58	0.	0.	2.427E-09	2.542E-30	1.000E+00	1.002E-77	8.000E+02
6.678E-48	7.049E-54	0.	0.	5.754E-08	6.285E-29	1.000E+00	1.352E-68	9.000E+02
1.565E-42	4.796E-50	0.	9.334E-86	7.154E-07	7.958E-28	1.000E+00	2.630E-61	1.000E+03
3.084E-38	6.601E-47	0.	1.592E-75	5.608E-06	6.348E-27	1.000E+00	2.414E-55	1.100E+03
1.782E-34	2.741E-44	0.	5.533E-67	3.112E-05	3.585E-26	1.000E+00	2.264E-50	1.200E+03
2.263E-31	4.524E-42	0.	8.775E-60	1.324E-04	1.552E-25	9.998E-01	3.641E-46	1.300E+03
1.832E-28	3.609E-40	0.	1.340E-53	4.569E-04	5.450E-25	9.993E-01	1.468E-42	1.400E+03
2.083E-26	1.617E-38	2.569E-95	3.060E-48	1.334E-03	1.620E-24	9.980E-01	1.957E-39	1.500E+03
2.167E-24	4.612E-37	1.143E-91	1.455E-43	3.398E-03	4.289E-24	9.949E-01	1.061E-36	1.600E+03
1.386E-22	3.142E-35	2.376E-87	5.543E-40	7.726E-03	3.576E-23	9.884E-01	2.739E-34	1.700E+03
4.987E-21	5.619E-33	2.903E-82	1.996E-37	1.595E-02	9.872E-22	9.760E-01	3.803E-32	1.800E+03
1.294E-19	6.670E-31	1.343E-77	3.386E-35	3.026E-02	2.165E-20	9.545E-01	3.127E-30	1.900E+03
2.422E-18	4.967E-29	2.194E-73	3.363E-33	5.324E-02	3.542E-19	9.198E-01	1.641E-28	2.000E+03
3.609E-17	2.678E-27	1.454E-69	2.115E-31	8.737E-02	4.411E-18	8.679E-01	5.843E-27	2.100E+03
3.744E-16	6.710E-26	4.442E-66	8.922E-30	1.342E-01	4.346E-17	7.963E-01	1.481E-25	2.200E+03
3.811E-15	2.274E-24	4.943E-63	2.640E-28	1.932E-01	3.484E-16	7.050E-01	2.781E-24	2.300E+03
2.614E-14	4.608E-23	4.137E-60	5.693E-27	2.611E-01	2.327E-15	5.977E-01	4.003E-23	2.400E+03
1.488E-13	7.444E-22	3.291E-57	9.236E-26	3.320E-01	1.323E-14	4.825E-01	4.556E-22	2.500E+03
7.897E-13	9.936E-21	1.150E-54	1.161E-24	3.981E-01	6.527E-14	3.694E-01	4.224E-21	2.600E+03
3.687E-12	1.130E-19	2.788E-52	1.160E-23	4.527E-01	2.855E-13	2.680E-01	3.287E-20	2.700E+03
1.549E-11	1.126E-18	4.954E-50	9.476E-23	4.914E-01	1.126E-12	1.846E-01	2.218E-19	2.800E+03
5.929E-11	1.011E-17	4.785E-48	6.481E-22	5.139E-01	4.089E-12	1.213E-01	1.340E-18	2.900E+03
2.124E-10	8.381E-17	7.500E-46	3.803E-21	5.229E-01	1.392E-11	7.645E-02	7.492E-18	3.000E+03
7.220E-10	6.544E-16	6.912E-44	1.960E-20	5.229E-01	4.510E-11	4.670E-02	3.981E-17	3.100E+03
2.340E-09	4.855E-15	5.420E-42	9.057E-20	5.187E-01	1.405E-10	2.797E-02	2.045E-16	3.200E+03
7.424E-09	3.413E-14	3.603E-40	3.820E-19	5.137E-01	4.212E-10	1.662E-02	1.020E-15	3.300E+03
2.249E-08	2.248E-13	2.007E-38	1.493E-18	5.093E-01	1.209E-09	9.922E-03	4.899E-15	3.400E+03
6.538E-08	1.344E-12	9.178E-37	5.484E-18	5.062E-01	3.294E-09	5.996E-03	2.246E-14	3.500E+03
1.813E-07	7.543E-12	3.380E-35	1.919E-17	5.040E-01	8.421E-09	3.688E-03	9.738E-14	3.600E+03
4.811E-07	3.747E-11	9.871E-34	6.481E-17	5.026E-01	2.002E-08	2.314E-03	3.973E-13	3.700E+03
1.220E-06	1.665E-10	2.274E-32	2.134E-16	5.017E-01	4.405E-08	1.483E-03	1.523E-12	3.800E+03
2.529E-06	6.877E-10	4.164E-31	6.878E-16	5.012E-01	8.986E-08	9.703E-04	5.492E-12	3.900E+03
6.883E-06	2.395E-09	6.196E-30	2.166E-15	5.008E-01	1.712E-07	6.476E-04	1.866E-11	4.000E+03
1.540E-05	7.919E-09	7.673E-29	6.631E-15	5.005E-01	3.080E-07	4.406E-04	5.991E-11	4.100E+03
3.319E-05	2.427E-08	8.108E-28	1.966E-14	5.003E-01	5.283E-07	3.052E-04	1.824E-10	4.200E+03
6.989E-05	6.958E-08	7.449E-27	5.633E-14	5.002E-01	8.700E-07	2.150E-04	5.279E-10	4.300E+03
1.392E-04	1.677E-07	6.025E-26	1.560E-13	5.000E-01	1.382E-06	1.538E-04	1.458E-09	4.400E+03
2.719E-04	4.779E-07	4.322E-25	4.188E-13	4.997E-01	2.121E-06	1.117E-04	3.848E-09	4.500E+03
5.158E-04	1.150E-06	2.758E-24	1.094E-12	4.993E-01	3.146E-06	8.227E-05	9.739E-09	4.600E+03
9.521E-04	2.618E-06	1.568E-23	2.791E-12	4.986E-01	4.502E-06	6.135E-05	2.367E-08	4.700E+03
1.711E-03	5.633E-06	7.246E-23	8.984E-12	4.975E-01	6.213E-06	4.628E-05	5.532E-08	4.800E+03
2.998E-03	1.148E-05	3.604E-22	1.717E-11	4.955E-01	8.270E-06	3.528E-05	1.244E-07	4.900E+03
5.118E-03	2.219E-05	1.472E-21	4.141E-11	4.923E-01	1.063E-05	2.714E-05	2.690E-07	5.000E+03
8.511E-03	4.087E-05	5.464E-21	9.767E-11	4.872E-01	1.325E-05	2.103E-05	5.584E-07	5.100E+03
1.377E-02	7.203E-05	1.866E-20	2.239E-10	4.792E-01	1.607E-05	1.639E-05	1.109E-06	5.200E+03
2.182E-02	1.219E-04	5.924E-20	4.951E-10	4.673E-01	1.903E-05	1.281E-05	2.096E-06	5.300E+03
3.285E-02	1.988E-04	1.767E-19	1.048E-09	4.503E-01	2.207E-05	1.001E-05	3.745E-06	5.400E+03
4.815E-02	3.128E-04	4.997E-19	2.106E-09	4.271E-01	2.513E-05	7.790E-06	6.282E-06	5.500E+03
6.784E-02	4.758E-04	1.348E-18	3.990E-09	3.972E-01	2.810E-05	6.015E-06	9.826E-06	5.600E+03
9.148E-02	7.004E-04	3.489E-18	7.094E-09	3.610E-01	3.085E-05	4.586E-06	1.426E-05	5.700E+03
1.189E-01	9.990E-04	8.700E-18	1.181E-08	3.197E-01	3.327E-05	3.446E-06	1.916E-05	5.800E+03
1.476E-01	1.383E-03	2.097E-17	1.844E-08	2.756E-01	3.521E-05	2.531E-06	2.387E-05	5.900E+03
1.765E-01	1.862E-03	4.899E-17	2.705E-08	2.314E-01	3.658E-05	1.822E-06	2.771E-05	6.000E+03
2.037E-01	2.445E-03	1.112E-16	3.753E-08	1.894E-01	3.734E-05	1.285E-06	3.017E-05	6.100E+03
2.280E-01	3.140E-03	2.455E-16	4.954E-08	1.516E-01	3.749E-05	8.885E-07	3.109E-05	6.200E+03
2.485E-01	3.954E-03	5.284E-16	6.267E-08	1.192E-01	3.711E-05	6.042E-07	3.058E-05	6.300E+03
2.651E-01	4.896E-03	1.110E-15	7.652E-08	9.233E-02	3.629E-05	4.058E-07	2.899E-05	6.400E+03
2.780E-01	5.978E-03	2.280E-15	9.073E-08	7.080E-02	3.514E-05	2.702E-07	2.669E-05	6.500E+03
2.876E-01	7.210E-03	4.581E-15	1.051E-07	5.393E-02	3.378E-05	1.790E-07	2.404E-05	6.600E+03
2.944E-01	8.606E-03	9.016E-15	1.194E-07	4.093E-02	3.230E-05	1.185E-07	2.130E-05	6.700E+03
2.989E-01	1.018E-02	1.740E-14	1.337E-07	3.102E-02	3.075E-05	7.847E-08	1.866E-05	6.800E+03
3.015E-01	1.195E-02	3.294E-14	1.478E-07	2.353E-02	2.920E-05	5.214E-08	1.621E-05	6.900E+03
3.026E-01	1.393E-02	6.127E-14	1.617E-07	1.787E-02	2.767E-05	3.475E-08	1.400E-05	7.000E+03
3.025E-01	1.614E-02	1.120E-13	1.754E-07	1.361E-02	2.619E-05	2.334E-08	1.205E-05	7.100E+03
3.013E-01	1.860E-02	2.014E-13	1.889E-07	1.040E-02	2.476E-05	1.575E-08	1.034E-05	7.200E+03
2.993E-01	2.131E-02	3.564E-13	2.019E-07	7.974E-03	2.340E-05	1.069E-08	8.852E-06	7.300E+03
2.965E-01	2.430E-02	6.213E-13	2.146E-07	6.135E-03	2.211E-05	7.305E-09	7.568E-06	7.400E+03
2.930E-01	2.757E-02	1.067E-12	2.266E-07	4.737E-03	2.088E-05	5.020E-09	6.461E-06	7.500E+03
2.889E-01	3.115E-02	1.808E-12	2.381E-07	3.669E-03	1.971E-05	3.469E-09	5.510E-06	7.600E+03
2.842E-01	3.503E-02	3.021E-12	2.488E-07	2.852E-03	1.860E-05	2.411E-09	4.693E-06	7.700E+03
2.789E-01	3.922E-02	4.984E-12	2.585E-07	2.223E-03	1.754E-05	1.684E-09	3.991E-06	7.800E+03
2.731E-01	4.374E-02	8.118E-12	2.673E-07	1.737E-03	1.654E-05	1.182E-09	3.389E-06	7.900E+03
2.667E-01	4.857E-02	1.307E-11	2.758E-07	1.361E-03	1.559E-05	8.332E-10	2.873E-06	8.000E+03
2.526E-01	5.915E-02	3.269E-11	2.859E-07	8.405E-04	1.381E-05	4.185E-10	2.050E-06	8.200E+03

Table II. - Continued.

T	E-	D	O+	O++	O-	O2	O2+	O2-
8.403E+33	7.607F-02	6.106E-01	5.162E-03	2.773E-17	1.076E-06	9.991E-07	1.352E-07	2.982E-12
8.600E+03	9.061E-02	5.992F-01	6.987E-03	1.031E-16	1.128E-06	8.088E-07	1.430E-07	2.547E-12
8.803E+03	1.064F-01	5.863E-01	9.365E-03	3.650E-16	1.167E-06	6.562E-07	1.509E-07	2.230E-12
9.000E+03	1.233F-01	5.720F-01	1.244E-02	1.236E-15	1.192E-06	5.330E-07	1.589E-07	1.934E-12
9.203E+03	1.411F-01	5.582E-01	1.638E-02	4.013E-15	1.201E-06	4.332E-07	1.667E-07	1.660E-12
9.400E+03	1.594F-01	5.390E-01	2.138E-02	1.253F-14	1.195E-06	3.517E-07	1.743E-07	1.410E-12
9.600E+03	1.781F-01	5.202E-01	2.765E-02	3.762E-14	1.175E-06	2.850E-07	1.814E-07	1.184E-12
9.800E+03	1.971F-01	4.998E-01	3.542E-02	1.088E-13	1.141E-06	2.302E-07	1.874E-07	9.928E-13
1.003E+04	2.162E-01	4.777F-01	4.488E-02	3.028E-13	1.095E-06	1.848E-07	1.919E-07	8.058E-13
1.020E+04	2.353E-01	4.586F-01	5.617E-02	8.110E-13	1.039E-06	1.473E-07	1.941E-07	6.519E-13
1.040E+04	2.545E-01	4.276E-01	6.935E-02	2.089E-12	9.747E-07	1.162E-07	1.934E-07	5.197E-13
1.060E+04	2.738E-01	3.908E-01	8.435E-02	5.172E-12	9.037E-07	9.055E-08	1.894E-07	4.076E-13
1.080E+04	2.931F-01	3.703E-01	1.010E-01	1.231E-11	8.278E-07	6.955E-08	1.820E-07	3.140E-13
1.100E+04	3.123E-01	3.395E-01	1.190E-01	2.821E-11	7.485E-07	5.255E-08	1.712E-07	2.372E-13
1.120E+04	3.312E-01	3.080E-01	1.379E-01	6.228E-11	6.679E-07	3.901E-08	1.575E-07	1.755E-13
1.140E+04	3.497F-01	2.763E-01	1.573E-01	1.327E-10	5.877E-07	2.842E-08	1.417E-07	1.270E-13
1.160E+04	3.675E-01	2.451E-01	1.766E-01	2.733E-10	5.098E-07	2.032E-08	1.246E-07	8.988E-14
1.180E+04	3.842F-01	2.151E-01	1.954E-01	5.454E-10	4.361E-07	1.426E-08	1.074E-07	6.221E-14
1.200E+04	3.998F-01	1.869F-01	2.132E-01	1.057E-09	3.680F-07	9.837E-09	9.064F-08	4.215E-14
1.220E+04	4.140E-01	1.608E-01	2.298E-01	1.793E-09	3.066E-07	6.675E-09	7.514E-08	2.800E-14
1.240E+04	4.268E-01	1.372E-01	2.449E-01	3.662E-09	2.525F-07	4.466E-09	6.130E-08	1.877E-14
1.260E+04	4.381F-01	1.162E-01	2.584F-01	6.574E-09	2.058E-07	2.953E-09	4.932E-08	1.174E-14
1.280E+04	4.479F-01	9.790E-02	2.702E-01	1.154E-08	1.664E-07	1.935E-09	3.923E-08	7.457E-15
1.300E+04	4.563E-01	8.207E-02	2.804F-01	1.986E-08	1.336E-07	1.259E-09	3.092E-08	4.691E-15
1.320E+04	4.635E-01	6.869E-02	2.891E-01	3.354E-08	1.067E-07	8.155E-10	2.421E-08	2.931E-15
1.340E+04	4.696E-01	5.719E-02	2.964E-01	5.565E-08	8.492E-08	5.273E-10	1.887E-08	1.825E-15
1.360E+04	4.747E-01	4.765E-02	3.026E-01	9.081E-08	6.744E-08	3.409E-10	1.466E-08	1.135E-15
1.380E+04	4.789F-01	3.969E-02	3.077E-01	1.459E-07	5.352E-08	2.207E-10	1.138E-08	7.058E-16
1.400E+04	4.824F-01	3.308E-02	3.120F-01	2.311E-07	4.247E-08	1.434E-10	8.828E-09	4.400E-16
1.420E+04	4.853F-01	2.761E-02	3.155E-01	3.611E-07	3.374E-08	9.356E-11	6.959E-09	2.754E-16
1.440E+04	4.877F-01	2.308E-02	3.184E-01	5.569E-07	2.685E-08	6.136E-11	5.339E-09	1.732E-16
1.460E+04	4.897E-01	1.934E-02	3.208E-01	8.484E-07	2.141E-08	4.048E-11	4.167E-09	1.095E-16
1.480E+04	4.914E-01	1.624E-02	3.228E-01	1.278E-06	1.712E-08	2.687E-11	3.262E-09	6.973E-17
1.500E+04	4.928F-01	1.368E-02	3.244E-01	1.903E-06	1.373E-08	1.796E-11	2.563E-09	4.469E-17
1.520E+04	4.940E-01	1.165E-02	3.258E-01	2.803E-06	1.105E-08	1.209E-11	2.021E-09	2.885E-17
1.540E+04	4.950E-01	9.780E-03	3.269E-01	4.089E-06	8.917E-09	8.196E-12	1.600E-09	1.876F-17
1.560E+04	4.959F-01	8.307E-03	3.279E-01	5.907E-06	7.223E-09	5.597E-12	1.272E-09	1.229E-17
1.580E+04	4.967F-01	7.078E-03	3.285E-01	8.453E-06	5.872E-09	3.849E-12	1.015E-09	8.116E-18
1.600E+04	4.974E-01	6.048F-03	3.290F-01	1.199E-05	4.790E-09	2.666E-12	8.133E-10	5.382E-18
1.620E+04	4.980F-01	5.183F-03	3.295E-01	1.686E-05	3.922E-09	1.860E-12	6.544E-10	3.619E-18
1.640E+04	4.986E-01	4.456E-03	3.298F-01	2.350E-05	3.222E-09	1.307E-12	5.287E-10	2.444E-18
1.660E+04	4.992E-01	3.841E-03	3.300E-01	3.251E-05	2.657E-09	9.243E-13	4.288E-10	1.663E-18
1.680E+04	4.999E-01	3.321E-03	3.301E-01	4.461E-05	2.199E-09	6.582E-13	3.492E-10	1.139E-18
1.700E+04	5.005F-01	2.879E-03	3.300E-01	6.075E-05	1.926E-09	4.717E-13	2.854E-10	7.861E-19
1.720E+04	5.013E-01	2.503E-03	3.299E-01	8.212E-05	1.521F-09	3.403E-13	2.341E-10	5.462E-19
1.740E+04	5.020F-01	2.182E-03	3.297E-01	1.102E-04	1.272E-09	2.470E-13	1.927E-10	3.822E-19
1.760E+04	5.029E-01	1.907E-03	3.293E-01	1.469E-04	1.067E-09	1.803E-13	1.591E-10	2.692E-19
1.780E+04	5.039E-01	1.671E-03	3.288E-01	1.944E-04	8.978E-10	1.324E-13	1.319E-10	1.908E-19
1.800E+04	5.051F-01	1.467E-03	3.282E-01	2.555E-04	7.580E-10	9.783E-14	1.096E-10	1.361E-19
1.820E+04	5.064F-01	1.292E-03	3.275E-01	3.337F-04	6.420F-10	7.266E-14	9.136E-11	9.773E-20
1.840E+04	5.078F-01	1.140E-03	3.265E-01	4.329E-04	5.455E-10	5.425E-14	7.637E-11	7.059E-20
1.860E+04	5.095F-01	1.008E-03	3.255E-01	5.581E-04	4.649E-10	4.071E-14	6.401E-11	5.128E-20
1.880E+04	5.113E-01	8.937E-04	3.242E-01	7.149E-04	3.974E-10	3.070E-14	5.378E-11	3.746E-20
1.900E+04	5.133F-01	7.937E-04	3.227F-01	9.103E-04	3.406E-10	2.326E-14	4.528E-11	2.752E-20
1.920E+04	5.156E-01	7.062F-04	3.211E-01	1.152E-03	2.928E-10	1.770E-14	3.822E-11	2.032E-20
1.940E+04	5.180F-01	6.206E-04	3.193E-01	1.450E-03	2.523E-10	1.353E-14	3.232E-11	1.508E-20
1.960E+04	5.206E-01	5.623E-04	3.172F-01	1.914E-03	2.180E-10	1.038E-14	2.739E-11	1.125E-20
1.980E+04	5.233E-01	5.030E-04	3.150F-01	2.257E-03	1.887E-10	7.998E-15	2.323E-11	8.423E-21
2.000E+04	5.263F-01	4.506E-04	3.126E-01	2.793E-03	1.638E-10	6.182E-15	1.975E-11	6.334E-21
2.020E+04	5.293F-01	4.043E-04	3.100E-01	3.438E-03	1.424E-10	4.795E-15	1.681E-11	4.782E-21
2.040E+04	5.324E-01	3.632E-04	3.071E-01	4.212E-03	1.241F-10	3.730E-15	1.433E-11	3.623E-21
2.060E+04	5.356F-01	3.267E-04	3.041E-01	5.134E-03	1.082E-10	2.910E-15	1.222E-11	2.754E-21
2.080E+04	5.389E-01	2.941E-04	3.009F-01	6.229E-03	9.457E-11	2.276E-15	1.044E-11	2.099E-21
2.100E+04	5.422F-01	2.651E-04	2.974E-01	7.521E-03	8.274E-11	1.784E-15	8.917E-12	1.604E-21
2.120E+04	5.455E-01	2.390E-04	2.937E-01	9.040F-03	7.245E-11	1.401E-15	7.622E-12	1.229E-21
2.140E+04	5.488F-01	2.157F-04	2.899E-01	1.031E-02	6.350E-11	1.101E-15	6.515E-12	9.425E-22
2.160E+04	5.521E-01	1.947F-04	2.855E-01	1.288E-02	5.569F-11	8.670E-16	5.567E-12	7.240E-22
2.180E+04	5.554F-01	1.758E-04	2.810F-01	1.526E-02	4.886E-11	5.829E-16	4.754E-12	5.567E-22
2.200E+04	5.587F-01	1.587F-04	2.761F-01	1.800E-02	4.287E-11	5.381E-16	4.055E-12	4.282E-22
2.220E+04	5.620F-01	1.432E-04	2.707E-01	2.112E-02	3.762F-11	4.238E-16	3.453E-12	3.294E-22
2.240E+04	5.653F-01	1.292E-04	2.650E-01	2.465E-02	3.300F-11	3.335E-16	2.935E-12	2.533E-22
2.260E+04	5.687F-01	1.165E-04	2.588F-01	2.863E-02	2.894F-11	2.621E-16	2.488E-12	1.945E-22
2.280E+04	5.722F-01	1.049F-04	2.521F-01	3.306E-02	2.535E-11	2.056E-16	2.132E-12	1.492E-22
2.300E+04	5.756F-01	9.430E-05	2.449E-01	3.795E-02	2.219E-11	1.609E-16	1.770E-12	1.141E-22
2.320E+04	5.792F-01	8.466E-05	2.371F-01	4.331E-02	1.939E-11	1.256E-16	1.493E-12	8.711E-23
2.340E+04	5.828F-01	7.586E-05	2.289F-01	4.913E-02	1.692F-11	9.761E-17	1.238E-12	6.627E-23
2.360E+04	5.865F-01	6.784F-05	2.202F-01	5.539E-02	1.474E-11	7.558E-17	1.027E-12	5.023E-23
2.380E+04	5.903E-01	6.062F-05	2.110F-01	6.204E-02	1.281E-11	5.827E-17	8.478E-13	3.792E-23
2.400E+04	5.941E-01	5.385E-05	2.015F-01	6.904E-02	1.111E-11	4.470E-17	6.955E-13	2.849E-23
2.420E+04	5.980F-01	4.779F-05	1.916F-01	7.635E-02	9.616E-12	3.411E-17	5.670E-13	2.130E-23
2.440E+04	6.019F-01	4.230E-05	1.815F-01	8.388E-02	8.297E-12	2.588E-17	4.592E-13	1.584E-23
2.460E+04	6.057E-01	3.732E-05	1.712E-01	9.157E-02	7.139F-12	1.953E-17	3.695E-13	1.172E-23
2.480E+04	6.096E-01	3.283E-05	1.609E-01	9.934E-02	6.126E-12	1.465E-17	2.953E-13	8.616E-24
2.500E+04	6.134F-01	2.880E-05	1.506E-01	1.071E-01	5.240E-12	1.093E-17	2.345E-13	6.301E-24

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.367E-01	7.090E-02	7.828E-11	2.910E-07	5.223E-04	1.219E-05	2.133E-10	1.447E-06	8.400E+03
2.143E-01	8.362E-02	1.795E-10	2.896E-07	3.258E-04	1.070E-05	1.096E-10	1.008E-06	8.600E+03
2.007E-01	9.706E-02	3.477E-10	2.816E-07	2.036E-04	9.344E-06	5.673E-11	6.916E-07	8.800E+03
1.813E-01	1.109E-01	8.472E-10	2.675E-07	1.272E-04	8.102E-06	2.947E-11	4.663E-07	9.000E+03
1.616E-01	1.247E-01	1.743E-09	2.462E-07	7.932E-05	6.970E-06	1.534E-11	3.085E-07	9.200E+03
1.421E-01	1.380E-01	3.466E-09	2.251E-07	4.933E-05	5.944E-06	7.985E-12	2.063E-07	9.400E+03
1.235E-01	1.505E-01	6.612E-09	1.999E-07	3.056E-05	5.022E-06	4.148E-12	1.277E-07	9.600E+03
1.060E-01	1.617E-01	1.245E-08	1.740E-07	1.885E-05	4.200E-06	2.147E-12	7.998E-08	9.800E+03
9.000E-02	1.713E-01	2.253E-08	1.490E-07	1.158E-05	3.476E-06	1.107E-12	4.936E-08	1.000E+04
7.576E-02	1.791E-01	3.962E-08	1.258E-07	7.082E-06	2.845E-06	5.669E-13	3.009E-08	1.020E+04
6.331E-02	1.852E-01	6.177E-08	1.049E-07	4.313E-06	2.302E-06	2.883E-13	1.818E-08	1.040E+04
5.261E-02	1.895E-01	1.130E-07	8.673E-08	2.615E-06	1.842E-06	1.454E-13	1.091E-08	1.060E+04
4.353E-02	1.921E-01	1.839E-07	7.117E-08	1.579E-06	1.457E-06	7.261E-14	6.528E-09	1.080E+04
3.591E-02	1.933E-01	2.924E-07	5.806E-08	9.488E-07	1.139E-06	3.587E-14	3.898E-09	1.100E+04
2.936E-02	1.934E-01	4.574E-07	4.713E-08	5.677E-07	8.814E-07	1.751E-14	2.328E-09	1.120E+04
2.431E-02	1.925E-01	7.024E-07	3.809E-08	3.382E-07	6.750E-07	8.446E-15	1.392E-09	1.140E+04
1.997E-02	1.909E-01	1.063E-06	3.067E-08	2.006E-07	5.121E-07	4.024E-15	8.350E-10	1.160E+04
1.642E-02	1.888E-01	1.588E-06	2.461E-08	1.186E-07	3.854E-07	1.895E-15	5.027E-10	1.180E+04
1.350E-02	1.866E-01	2.346E-06	1.970E-08	6.993E-08	2.881E-07	8.833E-16	3.041E-10	1.200E+04
1.112E-02	1.842E-01	3.433E-06	1.573E-08	4.116E-08	2.142E-07	4.082E-16	1.850E-10	1.220E+04
9.176E-03	1.819E-01	4.982E-06	1.255E-08	2.422E-08	1.586E-07	1.875E-16	1.134E-10	1.240E+04
7.591E-03	1.797E-01	7.176E-06	5.499E-09	1.427E-08	1.171E-07	8.576E-17	7.001E-11	1.260E+04
6.298E-03	1.777E-01	1.026E-05	7.971E-09	8.431E-09	8.644E-08	3.919E-17	4.360E-11	1.280E+04
5.242E-03	1.760E-01	1.458E-05	6.359E-09	5.001E-09	6.381E-08	1.794E-17	2.740E-11	1.300E+04
4.379E-03	1.744E-01	2.054E-05	5.081E-09	2.983E-09	4.718E-08	8.242E-18	1.738E-11	1.320E+04
3.672E-03	1.731E-01	2.886E-05	4.068E-09	1.791E-09	3.497E-08	3.811E-18	1.113E-11	1.340E+04
3.090E-03	1.720E-01	4.021E-05	3.265E-09	1.083E-09	2.600E-08	1.777E-18	7.202E-12	1.360E+04
2.611E-03	1.710E-01	5.565E-05	2.628E-09	6.609E-10	1.941E-08	8.365E-19	4.704E-12	1.380E+04
2.215E-03	1.702E-01	7.650E-05	2.122E-09	4.067E-10	1.456E-08	3.981E-19	3.102E-12	1.400E+04
1.886E-03	1.696E-01	1.045E-04	1.719E-09	2.526E-10	1.097E-08	1.918E-19	2.065E-12	1.420E+04
1.611E-03	1.690E-01	1.417E-04	1.398E-09	1.584E-10	8.306E-09	9.353E-20	1.388E-12	1.440E+04
1.382E-03	1.685E-01	1.910E-04	1.140E-09	1.003E-10	6.322E-09	4.622E-20	9.408E-13	1.460E+04
1.190E-03	1.681E-01	2.556E-04	9.337E-10	6.413E-11	4.838E-09	2.315E-20	6.433E-13	1.480E+04
1.028E-03	1.677E-01	3.400E-04	7.673E-10	4.139E-11	3.721E-09	1.175E-20	4.436E-13	1.500E+04
8.911E-04	1.673E-01	4.492E-04	6.327E-10	2.697E-11	2.877E-09	6.043E-21	3.083E-13	1.520E+04
7.749E-04	1.670E-01	5.897E-04	5.235E-10	1.774E-11	2.236E-09	3.150E-21	2.160E-13	1.540E+04
6.759E-04	1.666E-01	7.694E-04	4.346E-10	1.178E-11	1.746E-09	1.664E-21	1.524E-13	1.560E+04
5.912E-04	1.662E-01	9.974E-04	3.620E-10	7.886E-12	1.370E-09	8.899E-22	1.083E-13	1.580E+04
5.186E-04	1.657E-01	1.285E-03	3.024E-10	5.326E-12	1.080E-09	4.820E-22	7.741E-14	1.600E+04
4.561E-04	1.652E-01	1.646E-03	2.534E-10	3.627E-12	8.550E-10	2.642E-22	5.570E-14	1.620E+04
4.021E-04	1.646E-01	2.095E-03	2.129E-10	2.490E-12	6.797E-10	1.466E-22	4.030E-14	1.640E+04
3.553E-04	1.639E-01	2.650E-03	1.794E-10	1.722E-12	5.424E-10	8.222E-23	2.932E-14	1.660E+04
3.145E-04	1.631E-01	3.331E-03	1.515E-10	1.200E-12	4.344E-10	4.663E-23	2.143E-14	1.680E+04
2.749E-04	1.620E-01	4.162E-03	1.282E-10	8.415E-13	3.491E-10	2.672E-23	1.573E-14	1.700E+04
2.477E-04	1.608E-01	5.169E-03	1.047E-10	5.940E-13	2.813E-10	1.546E-23	1.158E-14	1.720E+04
2.203E-04	1.594E-01	6.377E-03	9.236E-11	4.218E-13	2.273E-10	9.030E-24	8.560E-15	1.740E+04
1.961E-04	1.577E-01	7.818E-03	7.857E-11	3.012E-13	1.840E-10	5.321E-24	6.341E-15	1.760E+04
1.746E-04	1.557E-01	9.519E-03	6.691E-11	2.161E-13	1.493E-10	3.161E-24	4.705E-15	1.780E+04
1.555E-04	1.533E-01	1.151E-02	5.703E-11	1.558E-13	1.212E-10	1.892E-24	3.494E-15	1.800E+04
1.385E-04	1.506E-01	1.382E-02	4.862E-11	1.127E-13	9.855E-11	1.141E-24	2.596E-15	1.820E+04
1.233E-04	1.475E-01	1.647E-02	4.146E-11	8.188E-14	8.014E-11	6.922E-25	1.928E-15	1.840E+04
1.097E-04	1.439E-01	1.949E-02	3.535E-11	5.964E-14	6.517E-11	4.224E-25	1.429E-15	1.860E+04
9.747E-05	1.399E-01	2.287E-02	3.012E-11	4.354E-14	5.296E-11	2.591E-25	1.057E-15	1.880E+04
8.645E-05	1.355E-01	2.663E-02	2.563E-11	3.184E-14	4.300E-11	1.596E-25	7.806E-16	1.900E+04
7.652E-05	1.307E-01	3.075E-02	2.178E-11	2.332E-14	3.486E-11	9.871E-26	5.739E-16	1.920E+04
6.757E-05	1.254E-01	3.520E-02	1.848E-11	1.710E-14	2.821E-11	6.125E-26	4.201E-16	1.940E+04
5.952E-05	1.198E-01	3.997E-02	1.565E-11	1.254E-14	2.278E-11	3.810E-26	3.060E-16	1.960E+04
5.227E-05	1.138E-01	4.500E-02	1.321E-11	9.192E-15	1.835E-11	2.376E-26	2.217E-16	1.980E+04
4.577E-05	1.076E-01	5.023E-02	1.113E-11	6.738E-15	1.474E-11	1.484E-26	1.597E-16	2.000E+04
3.995E-05	1.013E-01	5.560E-02	9.350E-12	4.935E-15	1.181E-11	9.279E-27	1.143E-16	2.020E+04
3.475E-05	9.478E-02	6.105E-02	7.831E-12	3.612E-15	9.432E-12	5.808E-27	8.131E-17	2.040E+04
3.014E-05	8.826E-02	6.649E-02	6.540E-12	2.640E-15	7.509E-12	3.638E-27	5.748E-17	2.060E+04
2.605E-05	8.181E-02	7.187E-02	5.445E-12	1.928E-15	5.961E-12	2.279E-27	4.039E-17	2.080E+04
2.245E-05	7.547E-02	7.712E-02	4.520E-12	1.406E-15	4.717E-12	1.428E-27	2.821E-17	2.100E+04
1.929E-05	6.932E-02	8.217E-02	3.743E-12	1.024E-15	3.722E-12	8.948E-28	1.960E-17	2.120E+04
1.653E-05	6.342E-02	8.697E-02	3.091E-12	7.451E-16	2.928E-12	5.606E-28	1.355E-17	2.140E+04
1.414E-05	5.780E-02	9.149E-02	2.547E-12	5.414E-16	2.297E-12	3.511E-28	9.322E-18	2.160E+04
1.206E-05	5.250E-02	9.569E-02	2.095E-12	3.930E-16	1.798E-12	2.198E-28	6.390E-18	2.180E+04
1.028E-05	4.755E-02	9.955E-02	1.721E-12	2.850E-16	1.403E-12	1.375E-28	4.366E-18	2.200E+04
8.742E-06	4.295E-02	1.030E-01	1.411E-12	2.065E-16	1.093E-12	8.597E-29	2.972E-18	2.220E+04
7.429E-06	3.870E-02	1.062E-01	1.156E-12	1.495E-16	8.492E-13	5.369E-29	2.024E-18	2.240E+04
6.309E-06	3.481E-02	1.089E-01	9.472E-13	1.077E-16	6.583E-13	3.349E-29	1.376E-18	2.260E+04
5.356E-06	3.125E-02	1.114E-01	7.757E-13	7.793E-17	5.092E-13	2.086E-29	9.342E-19	2.280E+04
4.546E-06	2.802E-02	1.134E-01	6.353E-13	5.641E-17	3.930E-13	1.297E-29	6.345E-19	2.300E+04
3.859E-06	2.510E-02	1.152E-01	5.206E-13	4.070E-17	3.027E-13	8.029E-30	4.311E-19	2.320E+04
3.278E-06	2.246E-02	1.166E-01	4.268E-13	2.933E-17	2.326E-13	4.982E-30	2.932E-19	2.340E+04
2.785E-06	2.009E-02	1.177E-01	3.502E-13	2.110E-17	1.783E-13	3.077E-30	1.997E-19	2.360E+04
2.369E-06	1.797E-02	1.186E-01	2.876E-13	1.519E-17	1.364E-13	1.894E-30	1.362E-19	2.380E+04
2.016E-06	1.606E-02	1.192E-01	2.365E-13	1.092E-17	1.041E-13	1.162E-30	9.313E-20	2.400E+04
1.718E-06	1.436E-02	1.196E-01	1.947E-13	7.837E-18	7.927E-14	7.105E-31	6.382E-20	2.420E+04
1.466E-06	1.284E-02	1.199E-01	1.605E-13	5.618E-18	6.022E-14	4.328E-31	4.384E-20	2.440E+04
1.252E-06	1.149E-02	1.195E-01	1.325E-13	4.022E-18	4.565E-14	2.627E-31	3.019E-20	2.460E+04
1.070E-06	1.028E-02	1.199E-01	1.095E-13	2.876E-18	3.453E-14	1.588E-31	2.085E-20	2.480E+04
9.166E-07	9.205E-03	1.197E-01	9.066E-14	2.054E-18	2.607E-14	9.563E-32	1.444E-20	2.500E+04



Table II. - Continued.

P/P0 = 3.00E-02

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.377E-11	1.760E-18	0.
2.000E+02	0.	4.485E-67	0.	0.	0.	5.234E-11	1.760E-18	0.
3.000E+02	0.	2.011E-45	1.857E-79	0.	0.	5.364E-11	1.760E-18	0.
4.000E+02	0.	1.419E-34	4.763E-62	0.	0.	5.136E-11	1.760E-18	0.
5.000E+02	0.	4.745E-28	1.395E-51	0.	0.	4.961E-11	1.760E-18	0.
6.000E+02	3.404E-92	1.056E-23	1.380E-44	0.	0.	4.586E-11	1.760E-18	3.175E-96
7.000E+02	1.824E-77	1.587E-20	1.205E-39	0.	2.766E-89	5.846E-11	1.760E-18	9.513E-83
8.000E+02	3.371E-65	1.536E-17	1.557E-36	0.	1.670E-75	1.108E-09	1.760E-18	3.040E-70
9.000E+02	2.785E-55	4.937E-15	2.719E-34	0.	3.075E-64	2.518E-08	1.760E-18	8.604E-60
1.000E+03	2.503E-47	5.076E-13	1.684E-32	0.	3.268E-55	3.125E-07	1.760E-18	2.058E-51
1.100E+03	8.190E-41	2.254E-11	4.954E-31	0.	7.938E-48	2.450E-06	1.760E-18	1.470E-44
1.200E+03	2.248E-35	5.330E-10	8.333E-30	0.	1.131E-41	1.359E-05	1.760E-18	7.530E-39
1.300E+03	9.085E-31	7.756E-09	9.115E-29	0.	1.820E-36	5.782E-05	1.760E-18	5.079E-34
1.400E+03	8.159E-27	7.705E-08	7.107E-28	0.	5.274E-32	1.996E-04	1.760E-18	6.977E-30
1.500E+03	2.198E-23	5.638E-07	4.226E-27	0.	3.875E-28	5.826E-04	1.759E-18	2.677E-26
1.600E+03	2.195E-20	3.216E-06	2.041E-26	0.	9.215E-25	1.483E-03	1.780E-18	3.597E-23
1.700E+03	3.403E-18	1.494E-05	2.361E-25	0.	3.041E-22	3.370E-03	5.165E-18	7.152E-21
1.800E+03	6.245E-17	5.837E-05	1.010E-23	0.	1.081E-20	6.949E-03	6.437E-17	1.615E-19
1.900E+03	7.178E-16	1.969E-04	3.432E-22	0.	2.211E-19	1.317E-02	7.220E-16	2.199E-18
2.000E+03	6.378E-15	5.861E-04	8.317E-21	0.	3.288E-18	2.311E-02	6.405E-15	2.234E-17
2.100E+03	4.572E-14	1.554E-03	1.495E-19	1.799E-86	3.688E-17	3.780E-02	4.593E-14	1.766E-16
2.200E+03	2.715E-13	3.737E-03	2.072E-18	3.189E-82	3.237E-16	5.775E-02	2.729E-13	1.114E-15
2.300E+03	1.363E-12	8.201E-03	2.293E-17	2.466E-78	2.277E-15	8.251E-02	1.371E-12	5.704E-15
2.400E+03	5.884E-12	1.655E-02	2.083E-16	9.262E-75	1.308E-14	1.102E-01	5.919E-12	2.403E-14
2.500E+03	2.212E-11	3.086E-02	1.589E-15	1.551E-71	6.226E-14	1.373E-01	2.226E-11	8.403E-14
2.600E+03	7.328E-11	5.341E-02	1.039E-14	2.126E-68	2.487E-13	1.594E-01	7.371E-11	2.457E-13
2.700E+03	2.158E-10	8.612E-02	5.926E-14	1.499E-65	8.423E-13	1.722E-01	2.170E-10	6.045E-13
2.800E+03	5.697E-10	1.297E-01	2.989E-13	6.873E-63	2.439E-12	1.728E-01	5.722E-10	1.257E-12
2.900E+03	1.357E-09	1.830E-01	1.351E-12	2.150E-60	6.080E-12	1.609E-01	1.361E-09	2.217E-12
3.000E+03	2.936E-09	2.423E-01	5.525E-12	4.785E-58	1.314E-11	1.387E-01	2.936E-09	3.331E-12
3.100E+03	5.804E-09	3.021E-01	2.065E-11	7.845E-56	2.483E-11	1.110E-01	5.779E-09	4.293E-12
3.200E+03	1.058E-08	3.563E-01	7.105E-11	9.732E-54	4.150E-11	8.288E-02	1.045E-08	4.806E-12
3.300E+03	1.798E-08	4.006E-01	2.264E-10	9.341E-52	6.243E-11	5.837E-02	1.751E-08	4.778E-12
3.400E+03	2.890E-08	4.387E-01	6.709E-10	7.011E-50	8.657E-11	3.943E-02	2.746E-08	4.348E-12
3.500E+03	4.467E-08	4.566E-01	1.851E-09	4.128E-48	1.135E-10	2.600E-02	4.062E-08	3.744E-12
3.600E+03	6.751E-08	4.718E-01	4.754E-09	1.910E-46	1.442E-10	1.649E-02	5.696E-08	3.147E-12
3.700E+03	1.013E-07	4.816E-01	1.133E-08	6.924E-45	1.812E-10	1.113E-02	7.577E-08	2.649E-12
3.800E+03	1.527E-07	4.879E-01	2.502E-08	1.965E-43	2.292E-10	7.356E-03	9.559E-08	2.276E-12
3.900E+03	2.331E-07	4.919E-01	1.115E-08	4.390E-42	2.945E-10	4.926E-03	1.145E-07	2.018E-12
4.000E+03	3.605E-07	4.945E-01	9.741E-08	7.843E-41	3.852E-10	3.348E-03	1.307E-07	1.851E-12
4.100E+03	5.300E-07	4.962E-01	1.743E-07	1.147E-39	5.111E-10	1.311E-03	1.436E-07	1.750E-12
4.200E+03	8.822E-07	4.974E-01	2.962E-07	1.407E-38	6.841E-10	1.621E-03	1.531E-07	1.694E-12
4.300E+03	1.380E-06	4.981E-01	4.819E-07	1.481E-37	9.190E-10	1.154E-03	1.596E-07	1.670E-12
4.400E+03	2.149E-06	4.987E-01	7.559E-07	1.362E-36	1.235E-09	8.337E-04	1.635E-07	1.670E-12
4.500E+03	3.326E-06	4.991E-01	1.147E-06	1.105E-35	1.659E-09	6.107E-04	1.651E-07	1.691E-12
4.600E+03	5.127E-06	4.994E-01	1.686E-06	7.971E-35	2.224E-09	4.534E-04	1.644E-07	1.734E-12
4.700E+03	7.885E-06	4.998E-01	2.402E-06	5.130E-34	3.001E-09	3.408E-04	1.612E-07	1.803E-12
4.800E+03	1.213E-05	5.001E-01	3.315E-06	2.951E-33	4.063E-09	2.594E-04	1.555E-07	1.905E-12
4.900E+03	1.872E-05	5.007E-01	4.429E-06	1.521E-32	5.539E-09	1.997E-04	1.474E-07	2.048E-12
5.000E+03	2.899E-05	5.015E-01	5.738E-06	7.062E-32	7.612E-09	1.555E-04	1.374E-07	2.243E-12
5.100E+03	4.500E-05	5.027E-01	7.229E-06	2.976E-31	1.054E-08	1.226E-04	1.262E-07	2.499E-12
5.200E+03	6.983E-05	5.045E-01	8.897E-06	1.151E-30	1.465E-08	9.771E-05	1.148E-07	2.824E-12
5.300E+03	1.079E-04	5.073E-01	1.076E-05	4.144E-30	2.039E-08	7.888E-05	1.040E-07	3.226E-12
5.400E+03	1.653E-04	5.113E-01	1.287E-05	1.408E-29	2.828E-08	6.452E-05	9.443E-08	3.711E-12
5.500E+03	2.500E-04	5.170E-01	1.533E-05	4.577E-29	3.896E-08	5.352E-05	8.648E-08	4.283E-12
5.600E+03	3.715E-04	5.245E-01	1.828E-05	1.442E-28	5.309E-08	4.504E-05	8.033E-08	4.940E-12
5.700E+03	5.409E-04	5.342E-01	2.191E-05	4.446E-28	7.132E-08	3.846E-05	7.599E-08	5.675E-12
5.800E+03	7.697E-04	5.467E-01	2.647E-05	1.352E-27	9.421E-08	3.327E-05	7.333E-08	6.471E-12
5.900E+03	1.070E-03	5.588E-01	3.228E-05	4.073E-27	1.221E-07	2.909E-05	7.217E-08	7.296E-12
6.000E+03	1.451E-03	5.727E-01	3.971E-05	1.218E-26	1.549E-07	2.564E-05	7.229E-08	8.111E-12
6.100E+03	1.923E-03	5.867E-01	4.922E-05	3.611E-26	1.925E-07	2.270E-05	7.345E-08	8.867E-12
6.200E+03	2.495E-03	5.999E-01	6.133E-05	1.061E-25	2.341E-07	2.014E-05	7.542E-08	9.521E-12
6.300E+03	3.173E-03	6.118E-01	7.665E-05	3.078E-25	2.791E-07	1.787E-05	7.801E-08	1.004E-11
6.400E+03	3.966E-03	6.221E-01	9.591E-05	8.804E-25	3.265E-07	1.583E-05	8.104E-08	1.041E-11
6.500E+03	4.882E-03	6.305E-01	1.199E-04	2.475E-24	3.758E-07	1.400E-05	8.440E-08	1.062E-11
6.600E+03	5.932E-03	6.371E-01	1.497E-04	6.828E-24	4.263E-07	1.237E-05	8.798E-08	1.070E-11
6.700E+03	7.126E-03	6.421E-01	1.863E-04	1.845E-23	4.777E-07	1.091E-05	9.173E-08	1.067E-11
6.800E+03	8.477E-03	6.457E-01	2.311E-04	4.881E-23	5.300E-07	9.627E-06	9.560E-08	1.054E-11
6.900E+03	1.000E-02	6.482E-01	2.855E-04	1.263E-22	5.829E-07	8.495E-06	9.957E-08	1.034E-11
7.000E+03	1.171E-02	6.496E-01	3.511E-04	3.195E-22	6.364E-07	7.502E-06	1.036E-07	1.009E-11
7.100E+03	1.363E-02	6.504E-01	4.300E-04	7.907E-22	6.905E-07	6.632E-06	1.077E-07	9.810E-12
7.200E+03	1.576E-02	6.504E-01	5.243E-04	1.914E-21	7.452E-07	5.872E-06	1.119E-07	9.504E-12
7.300E+03	1.813E-02	6.499E-01	6.364E-04	4.537E-21	8.003E-07	5.207E-06	1.161E-07	9.182E-12
7.400E+03	2.076E-02	6.489E-01	7.692E-04	1.053E-20	8.557E-07	4.625E-06	1.204E-07	8.852E-12
7.500E+03	2.365E-02	6.475E-01	9.258E-04	2.396E-20	9.113E-07	4.116E-06	1.247E-07	8.518E-12
7.600E+03	2.693E-02	6.468E-01	1.110E-03	5.346E-20	9.669E-07	3.669E-06	1.291E-07	8.183E-12
7.700E+03	3.031E-02	6.437E-01	1.325E-03	1.170E-19	1.022E-06	3.276E-06	1.335E-07	7.849E-12
7.800E+03	3.411E-02	6.412E-01	1.576E-03	2.517E-19	1.077E-06	2.930E-06	1.380E-07	7.516E-12
7.900E+03	3.822E-02	6.384E-01	1.868E-03	5.319E-19	1.131E-06	2.624E-06	1.425E-07	7.187E-12
8.000E+03	4.268E-02	6.353E-01	2.206E-03	1.106E-18	1.184E-06	2.354E-06	1.470E-07	6.863E-12
8.200E+03	5.261E-02	6.281E-01	3.046E-03	4.555E-18	1.285E-06	1.902E-06	1.562E-07	6.227E-12

Table II. - Continued.

P/PJ = 3.00E-02

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
1.404E-77	1.404E-77	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
7.593E-64	7.593E-64	0.	0.	0.	0.	1.000E+00	1.030E-90	7.000E+02
9.000E-55	9.000E-55	0.	0.	0.	0.	1.000E+00	8.000E-78	8.000E+02
5.035E-40	5.035E-40	0.	0.	0.	0.	1.000E+00	1.181E-68	9.000E+02
1.194E-24	1.194E-24	0.	0.	0.	0.	1.000E+00	2.298E-61	1.000E+03
2.904E-38	2.904E-38	0.	0.	0.	0.	1.000E+00	2.118E-55	1.100E+03
1.368E-34	1.368E-34	0.	0.	0.	0.	1.000E+00	1.978E-50	1.200E+03
1.727E-31	1.727E-31	0.	0.	0.	0.	1.000E+00	3.180E-46	1.300E+03
7.874E-29	7.874E-29	0.	0.	0.	0.	1.000E+00	1.283E-42	1.400E+03
1.504E-26	1.504E-26	0.	0.	0.	0.	1.000E+00	1.710E-39	1.500E+03
1.034E-24	1.034E-24	0.	0.	0.	0.	1.000E+00	9.271E-37	1.600E+03
9.049E-23	9.049E-23	0.	0.	0.	0.	1.000E+00	2.394E-34	1.700E+03
3.808E-21	3.808E-21	0.	0.	0.	0.	1.000E+00	3.326E-32	1.800E+03
9.900E-20	9.900E-20	0.	0.	0.	0.	1.000E+00	2.738E-30	1.900E+03
1.855E-18	1.855E-18	0.	0.	0.	0.	1.000E+00	1.440E-28	2.000E+03
2.612E-17	2.612E-17	0.	0.	0.	0.	1.000E+00	5.144E-27	2.100E+03
2.870E-16	2.870E-16	0.	0.	0.	0.	1.000E+00	3.100E-25	2.200E+03
2.500E-15	2.500E-15	0.	0.	0.	0.	1.000E+00	2.474E-24	2.300E+03
1.608E-14	1.608E-14	0.	0.	0.	0.	1.000E+00	3.588E-23	2.400E+03
1.154E-13	1.154E-13	0.	0.	0.	0.	1.000E+00	4.115E-22	2.500E+03
6.147E-13	6.147E-13	0.	0.	0.	0.	1.000E+00	3.838E-21	2.600E+03
2.673E-12	2.673E-12	0.	0.	0.	0.	1.000E+00	2.995E-20	2.700E+03
1.201E-11	1.201E-11	0.	0.	0.	0.	1.000E+00	2.011E-19	2.800E+03
4.370E-11	4.370E-11	0.	0.	0.	0.	1.000E+00	1.198E-18	2.900E+03
1.010E-10	1.010E-10	0.	0.	0.	0.	1.000E+00	6.520E-18	3.000E+03
5.401E-10	5.401E-10	0.	0.	0.	0.	1.000E+00	3.334E-17	3.100E+03
1.724E-09	1.724E-09	0.	0.	0.	0.	1.000E+00	1.636E-16	3.200E+03
5.297E-09	5.297E-09	0.	0.	0.	0.	1.000E+00	7.788E-16	3.300E+03
1.485E-08	1.485E-08	0.	0.	0.	0.	1.000E+00	3.400E-15	3.400E+03
4.498E-08	4.498E-08	0.	0.	0.	0.	1.000E+00	1.599E-14	3.500E+03
1.236E-07	1.236E-07	0.	0.	0.	0.	1.000E+00	6.782E-14	3.600E+03
3.250E-07	3.250E-07	0.	0.	0.	0.	1.000E+00	2.127E-13	3.700E+03
8.209E-07	8.209E-07	0.	0.	0.	0.	1.000E+00	1.035E-12	3.800E+03
1.985E-06	1.985E-06	0.	0.	0.	0.	1.000E+00	3.709E-12	3.900E+03
4.011E-06	4.011E-06	0.	0.	0.	0.	1.000E+00	1.255E-11	4.000E+03
1.030E-05	1.030E-05	0.	0.	0.	0.	1.000E+00	4.019E-11	4.100E+03
2.218E-05	2.218E-05	0.	0.	0.	0.	1.000E+00	1.221E-10	4.200E+03
4.014E-05	4.014E-05	0.	0.	0.	0.	1.000E+00	3.531E-10	4.300E+03
9.291E-05	9.291E-05	0.	0.	0.	0.	1.000E+00	9.742E-10	4.400E+03
1.815E-04	1.815E-04	0.	0.	0.	0.	1.000E+00	2.571E-09	4.500E+03
3.443E-04	3.443E-04	0.	0.	0.	0.	1.000E+00	6.509E-09	4.600E+03
6.340E-04	6.340E-04	0.	0.	0.	0.	1.000E+00	1.583E-08	4.700E+03
1.144E-03	1.144E-03	0.	0.	0.	0.	1.000E+00	3.708E-08	4.800E+03
2.007E-03	2.007E-03	0.	0.	0.	0.	1.000E+00	8.365E-08	4.900E+03
3.436E-03	3.436E-03	0.	0.	0.	0.	1.000E+00	1.819E-07	5.000E+03
5.740E-03	5.740E-03	0.	0.	0.	0.	1.000E+00	3.809E-07	5.100E+03
9.347E-03	9.347E-03	0.	0.	0.	0.	1.000E+00	7.669E-07	5.200E+03
1.403E-02	1.403E-02	0.	0.	0.	0.	1.000E+00	1.479E-06	5.300E+03
2.286E-02	2.286E-02	0.	0.	0.	0.	1.000E+00	2.720E-06	5.400E+03
3.415E-02	3.415E-02	0.	0.	0.	0.	1.000E+00	4.741E-06	5.500E+03
4.929E-02	4.929E-02	0.	0.	0.	0.	1.000E+00	7.780E-06	5.600E+03
6.953E-02	6.953E-02	0.	0.	0.	0.	1.000E+00	1.195E-05	5.700E+03
9.104E-02	9.104E-02	0.	0.	0.	0.	1.000E+00	1.710E-05	5.800E+03
1.178E-01	1.178E-01	0.	0.	0.	0.	1.000E+00	2.278E-05	5.900E+03
1.450E-01	1.450E-01	0.	0.	0.	0.	1.000E+00	2.828E-05	6.000E+03
1.735E-01	1.735E-01	0.	0.	0.	0.	1.000E+00	3.284E-05	6.100E+03
2.000E-01	2.000E-01	0.	0.	0.	0.	1.000E+00	3.590E-05	6.200E+03
2.239E-01	2.239E-01	0.	0.	0.	0.	1.000E+00	3.724E-05	6.300E+03
2.444E-01	2.444E-01	0.	0.	0.	0.	1.000E+00	3.694E-05	6.400E+03
2.612E-01	2.612E-01	0.	0.	0.	0.	1.000E+00	3.534E-05	6.500E+03
2.746E-01	2.746E-01	0.	0.	0.	0.	1.000E+00	3.285E-05	6.600E+03
2.847E-01	2.847E-01	0.	0.	0.	0.	1.000E+00	2.988E-05	6.700E+03
2.921E-01	2.921E-01	0.	0.	0.	0.	1.000E+00	2.672E-05	6.800E+03
2.972E-01	2.972E-01	0.	0.	0.	0.	1.000E+00	2.361E-05	6.900E+03
3.003E-01	3.003E-01	0.	0.	0.	0.	1.000E+00	2.069E-05	7.000E+03
3.020E-01	3.020E-01	0.	0.	0.	0.	1.000E+00	1.801E-05	7.100E+03
3.027E-01	3.027E-01	0.	0.	0.	0.	1.000E+00	1.561E-05	7.200E+03
3.017E-01	3.017E-01	0.	0.	0.	0.	1.000E+00	1.349E-05	7.300E+03
3.002E-01	3.002E-01	0.	0.	0.	0.	1.000E+00	1.164E-05	7.400E+03
2.979E-01	2.979E-01	0.	0.	0.	0.	1.000E+00	1.002E-05	7.500E+03
2.949E-01	2.949E-01	0.	0.	0.	0.	1.000E+00	8.613E-06	7.600E+03
2.913E-01	2.913E-01	0.	0.	0.	0.	1.000E+00	7.397E-06	7.700E+03
2.871E-01	2.871E-01	0.	0.	0.	0.	1.000E+00	6.346E-06	7.800E+03
2.824E-01	2.824E-01	0.	0.	0.	0.	1.000E+00	5.438E-06	7.900E+03
2.772E-01	2.772E-01	0.	0.	0.	0.	1.000E+00	4.654E-06	8.000E+03
2.633E-01	2.633E-01	0.	0.	0.	0.	1.000E+00	3.392E-06	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	6.394E-02	6.196E-01	4.154E-03	1.770E-17	1.377E-06	1.543E-06	1.656E-07	5.612E-12
8.600E+03	7.665E-02	6.098E-01	5.604E-03	6.516E-17	1.457E-06	1.257E-06	1.751E-07	5.021E-12
8.800E+03	9.066E-02	5.986E-01	7.483E-03	2.283E-16	1.523E-06	1.026E-06	1.847E-07	4.457E-12
9.000E+03	1.059E-01	5.861E-01	9.899E-03	7.640E-16	1.573E-06	8.396E-07	1.943E-07	3.922E-12
9.200E+03	1.221E-01	5.723E-01	1.298E-02	2.451E-15	1.604E-06	6.878E-07	2.039E-07	3.421E-12
9.400E+03	1.391E-01	5.570E-01	1.688E-02	7.556E-15	1.617E-06	5.635E-07	2.134E-07	2.956E-12
9.600E+03	1.567E-01	5.404E-01	2.177E-02	2.244E-14	1.610E-06	4.613E-07	2.224E-07	2.529E-12
9.800E+03	1.748E-01	5.223E-01	2.783E-02	6.424E-14	1.585E-06	3.770E-07	2.308E-07	2.141E-12
1.000E+04	1.931E-01	5.027E-01	3.525E-02	1.775E-13	1.544E-06	3.070E-07	2.379E-07	1.794E-12
1.020E+04	2.116E-01	4.814E-01	4.421E-02	4.732E-13	1.487E-06	2.488E-07	2.431E-07	1.485E-12
1.040E+04	2.301E-01	4.584E-01	5.482E-02	1.217E-12	1.417E-06	2.003E-07	2.458E-07	1.215E-12
1.060E+04	2.488E-01	4.337E-01	6.714E-02	3.020E-12	1.336E-06	1.598E-07	2.454E-07	9.805E-13
1.080E+04	2.675E-01	4.072E-01	8.113E-02	7.227E-12	1.246E-06	1.262E-07	2.412E-07	7.798E-13
1.100E+04	2.862E-01	3.792E-01	9.667E-02	1.668E-11	1.149E-06	9.834E-08	2.330E-07	6.102E-13
1.120E+04	3.049E-01	3.499E-01	1.135E-01	3.714E-11	1.048E-06	7.556E-08	2.209E-07	4.692E-13
1.140E+04	3.233E-01	3.199E-01	1.313E-01	7.989E-11	9.434E-07	5.715E-08	2.054E-07	3.541E-13
1.160E+04	3.413E-01	2.895E-01	1.497E-01	1.663E-10	8.388E-07	4.251E-08	1.971E-07	2.620E-13
1.180E+04	3.587E-01	2.593E-01	1.682E-01	3.352E-10	7.362E-07	3.109E-08	1.671E-07	1.899E-13
1.200E+04	3.754E-01	2.300E-01	1.864E-01	6.560E-10	6.379E-07	2.236E-08	1.463E-07	1.349E-13
1.220E+04	3.910E-01	2.021E-01	2.039E-01	1.248E-09	5.457E-07	1.582E-08	1.257E-07	9.395E-14
1.240E+04	4.054E-01	1.760E-01	2.205E-01	2.314E-09	4.612E-07	1.102E-08	1.061E-07	6.421E-14
1.260E+04	4.185E-01	1.520E-01	2.357E-01	4.185E-09	3.855E-07	7.570E-09	8.823E-08	4.314E-14
1.280E+04	4.302E-01	1.303E-01	2.495E-01	7.400E-09	3.190E-07	5.140E-09	7.233E-08	2.855E-14
1.300E+04	4.406E-01	1.110E-01	2.619E-01	1.281E-08	2.617E-07	3.456E-09	5.861E-08	1.865E-14
1.320E+04	4.497E-01	9.416E-02	2.727E-01	2.174E-08	2.131E-07	2.306E-09	4.703E-08	1.206E-14
1.340E+04	4.575E-01	7.955E-02	2.821E-01	3.624E-08	1.726E-07	1.530E-09	3.746E-08	7.740E-15
1.360E+04	4.642E-01	6.703E-02	2.902E-01	5.936E-08	1.392E-07	1.012E-09	2.966E-08	4.941E-15
1.380E+04	4.699E-01	5.638E-02	2.970E-01	9.570E-08	1.119E-07	6.683E-10	2.340E-08	3.145E-15
1.400E+04	4.747E-01	4.739E-02	3.028E-01	1.520E-07	8.981E-08	4.415E-10	1.841E-08	2.000E-15
1.420E+04	4.787E-01	3.983E-02	3.077E-01	2.380E-07	7.203E-08	2.922E-10	1.448E-08	1.273E-15
1.440E+04	4.821E-01	3.350E-02	3.118E-01	3.677E-07	5.779E-08	1.939E-10	1.138E-08	8.117E-16
1.460E+04	4.849E-01	2.821E-02	3.152E-01	5.611E-07	4.640E-08	1.292E-10	8.958E-09	5.195E-16
1.480E+04	4.873E-01	2.380E-02	3.180E-01	8.461E-07	3.732E-08	8.654E-11	7.062E-09	3.340E-16
1.500E+04	4.893E-01	2.011E-02	3.204E-01	1.261E-06	3.007E-08	5.826E-11	5.581E-09	2.159E-16
1.520E+04	4.910E-01	1.703E-02	3.223E-01	1.861E-06	2.429E-08	3.945E-11	4.423E-09	1.404E-16
1.540E+04	4.924E-01	1.446E-02	3.239E-01	2.716E-06	1.967E-08	2.688E-11	3.516E-09	9.180E-17
1.560E+04	4.936E-01	1.231E-02	3.253E-01	3.926E-06	1.598E-08	1.843E-11	2.805E-09	6.046E-17
1.580E+04	4.946E-01	1.051E-02	3.264E-01	5.623E-06	1.302E-08	1.272E-11	2.245E-09	4.008E-17
1.600E+04	4.956E-01	8.991E-03	3.273E-01	7.979E-06	1.064E-08	8.840E-12	1.804E-09	2.675E-17
1.620E+04	4.964E-01	7.716E-03	3.280E-01	1.123E-05	8.728E-09	6.183E-12	1.455E-09	1.798E-17
1.640E+04	4.971E-01	6.640E-03	3.286E-01	1.566E-05	7.180E-09	4.353E-12	1.178E-09	1.217E-17
1.660E+04	4.978E-01	5.729E-03	3.291E-01	2.168E-05	5.927E-09	3.084E-12	9.568E-10	8.297E-18
1.680E+04	4.984E-01	4.967E-03	3.294E-01	2.977E-05	4.908E-09	2.200E-12	7.802E-10	5.694E-18
1.700E+04	4.991E-01	4.301E-03	3.296E-01	4.057E-05	4.078E-09	1.579E-12	6.386E-10	3.934E-18
1.720E+04	4.997E-01	3.741E-03	3.297E-01	5.489E-05	3.400E-09	1.140E-12	5.245E-10	2.737E-18
1.740E+04	5.004E-01	3.263E-03	3.297E-01	7.373E-05	2.843E-09	8.283E-13	4.323E-10	1.916E-18
1.760E+04	5.011E-01	2.853E-03	3.296E-01	9.836E-05	2.385E-09	6.054E-13	3.574E-10	1.351E-18
1.780E+04	5.019E-01	2.500E-03	3.294E-01	1.303E-04	2.007E-09	4.450E-13	2.965E-10	9.579E-19
1.800E+04	5.028E-01	2.197E-03	3.291E-01	1.716E-04	1.695E-09	3.289E-13	2.468E-10	6.836E-19
1.820E+04	5.038E-01	1.935E-03	3.286E-01	2.244E-04	1.435E-09	2.445E-13	2.060E-10	4.908E-19
1.840E+04	5.049E-01	1.708E-03	3.280E-01	2.916E-04	1.219E-09	1.827E-13	1.724E-10	3.545E-19
1.860E+04	5.062E-01	1.511E-03	3.273E-01	3.766E-04	1.039E-09	1.372E-13	1.447E-10	2.576E-19
1.880E+04	5.076E-01	1.340E-03	3.264E-01	4.934E-04	8.873E-10	1.035E-13	1.218E-10	1.882E-19
1.900E+04	5.092E-01	1.191E-03	3.254E-01	6.169E-04	7.603E-10	7.852E-14	1.027E-10	1.382E-19
1.920E+04	5.109E-01	1.060E-03	3.242E-01	7.825E-04	6.532E-10	5.982E-14	8.687E-11	1.021E-19
1.940E+04	5.129E-01	9.485E-04	3.228E-01	9.870E-04	5.627E-10	4.577E-14	7.361E-11	7.577E-20
1.960E+04	5.150E-01	8.449E-04	3.213E-01	1.238E-03	4.860E-10	3.517E-14	6.250E-11	5.652E-20
1.980E+04	5.173E-01	7.564E-04	3.195E-01	1.544E-03	4.208E-10	2.713E-14	5.316E-11	4.236E-20
2.000E+04	5.197E-01	6.782E-04	3.176E-01	1.915E-03	3.652E-10	2.101E-14	4.530E-11	3.189E-20
2.020E+04	5.224E-01	6.091E-04	3.154E-01	2.364E-03	3.176E-10	1.633E-14	3.866E-11	2.410E-20
2.040E+04	5.251E-01	5.478E-04	3.131E-01	2.902E-03	2.768E-10	1.273E-14	3.304E-11	1.829E-20
2.060E+04	5.280E-01	4.934E-04	3.106E-01	3.546E-03	2.417E-10	9.957E-15	2.828E-11	1.393E-20
2.080E+04	5.310E-01	4.449E-04	3.079E-01	4.312E-03	2.114E-10	7.810E-15	2.423E-11	1.065E-20
2.100E+04	5.341E-01	4.016E-04	3.050E-01	5.219E-03	1.852E-10	6.143E-15	2.078E-11	8.164E-21
2.120E+04	5.373E-01	3.629E-04	3.018E-01	6.287E-03	1.625E-10	4.842E-15	1.784E-11	6.276E-21
2.140E+04	5.405E-01	3.282E-04	2.985E-01	7.541E-03	1.427E-10	3.825E-15	1.532E-11	4.836E-21
2.160E+04	5.437E-01	2.971E-04	2.949E-01	9.003E-03	1.255E-10	3.027E-15	1.316E-11	3.734E-21
2.180E+04	5.469E-01	2.690E-04	2.911E-01	1.070E-02	1.104E-10	2.399E-15	1.131E-11	2.888E-21
2.200E+04	5.502E-01	2.437E-04	2.870E-01	1.267E-02	9.725E-11	1.903E-15	9.710E-12	2.237E-21
2.220E+04	5.534E-01	2.208E-04	2.826E-01	1.492E-02	8.567E-11	1.511E-15	8.336E-12	1.735E-21
2.240E+04	5.567E-01	2.001E-04	2.779E-01	1.750E-02	7.549E-11	1.200E-15	7.149E-12	1.346E-21
2.260E+04	5.599E-01	1.813E-04	2.728E-01	2.043E-02	6.652E-11	9.528E-16	6.123E-12	1.044E-21
2.280E+04	5.632E-01	1.642E-04	2.673E-01	2.374E-02	5.861E-11	7.561E-16	5.234E-12	8.099E-22
2.300E+04	5.666E-01	1.486E-04	2.614E-01	2.744E-02	5.162E-11	5.994E-16	4.465E-12	6.277E-22
2.320E+04	5.699E-01	1.344E-04	2.550E-01	3.156E-02	4.543E-11	4.745E-16	3.798E-12	4.860E-22
2.340E+04	5.734E-01	1.214E-04	2.482E-01	3.610E-02	3.996E-11	3.748E-16	3.221E-12	3.755E-22
2.360E+04	5.768E-01	1.095E-04	2.409E-01	4.108E-02	3.510E-11	2.954E-16	2.721E-12	2.896E-22
2.380E+04	5.804E-01	9.862E-05	2.332E-01	4.648E-02	3.080E-11	2.321E-16	2.290E-12	2.227E-22
2.400E+04	5.839E-01	8.866E-05	2.250E-01	5.229E-02	2.698E-11	1.817E-16	1.918E-12	1.707E-22
2.420E+04	5.876E-01	7.985E-05	2.164E-01	5.848E-02	2.359E-11	1.417E-16	1.598E-12	1.304E-22
2.440E+04	5.913E-01	7.121E-05	2.074E-01	6.502E-02	2.059E-11	1.101E-16	1.325E-12	9.926E-23
2.460E+04	5.950E-01	6.360E-05	1.980E-01	7.187E-02	1.793E-11	8.508E-17	1.092E-12	7.520E-23
2.480E+04	5.988E-01	5.666E-05	1.884E-01	7.896E-02	1.558E-11	6.546E-17	8.953E-13	5.671E-23
2.500E+04	6.026E-01	5.035E-05	1.787E-01	8.624E-02	1.350E-11	5.010E-17	7.294E-13	4.256E-23

Table II. - Continued.

C	C+	C++	C-	CO	CU+	CL2	C2	T
2.517E-01	5.977E-02	5.234E-11	3.901E-07	8.451E-04	1.564E-05	5.252E-10	2.454E-06	8.400E+03
2.304E-01	7.103E-02	1.204E-10	3.961E-07	5.361E-04	1.388E-05	2.754E-10	1.757E-06	8.600E+03
2.177E-01	8.317E-02	2.667E-10	3.940E-07	3.414E-04	1.226E-05	1.457E-10	1.244E-06	8.800E+03
2.019E-01	9.595E-02	5.674E-10	3.837E-07	2.178E-04	1.078E-05	7.759E-11	8.682E-07	9.000E+03
1.835E-01	1.091E-01	1.175E-09	3.658E-07	1.390E-04	9.410E-06	4.144E-11	5.968E-07	9.200E+03
1.647E-01	1.222E-01	2.345E-09	3.414E-07	8.861E-05	.198E-06	2.223E-11	4.035E-07	9.400E+03
1.461E-01	1.349E-01	4.534E-09	3.122E-07	5.635E-05	7.017E-06	1.192E-11	2.682E-07	9.600E+03
1.281E-01	1.460E-01	8.506E-09	2.799E-07	3.573E-05	5.984E-06	6.378E-12	1.754E-07	9.800E+03
1.111E-01	1.578E-01	1.550E-08	2.465E-07	2.257E-05	5.057E-06	3.404E-12	1.129E-07	1.000E+04
9.545E-02	1.673E-01	2.745E-08	2.137E-07	1.420E-05	4.231E-06	1.810E-12	7.166E-08	1.020E+04
8.131E-02	1.753E-01	4.731E-08	1.827E-07	8.904E-06	3.505E-06	9.572E-13	4.496E-08	1.040E+04
6.875E-02	1.810E-01	7.947E-08	1.545E-07	5.560E-06	2.874E-06	5.031E-13	2.796E-08	1.060E+04
5.781E-02	1.864E-01	1.303E-07	1.254E-07	3.468E-06	2.331E-06	2.624E-13	1.727E-08	1.080E+04
4.840E-02	1.895E-01	2.088E-07	1.076E-07	2.142E-06	1.871E-06	1.357E-13	1.062E-08	1.100E+04
4.038E-02	1.913E-01	3.279E-07	8.686E-08	1.322E-06	1.487E-06	6.950E-14	6.516E-09	1.120E+04
3.362E-02	1.920E-01	5.053E-07	7.304E-08	8.122E-07	1.169E-06	3.523E-14	3.995E-09	1.140E+04
2.744E-02	1.916E-01	7.659E-07	5.976E-08	4.971E-07	9.108E-07	1.766E-14	2.450E-09	1.160E+04
2.202E-02	1.906E-01	1.144E-06	4.871E-08	3.031E-07	7.033E-07	8.757E-15	1.506E-09	1.180E+04
1.726E-02	1.890E-01	1.607E-06	3.956E-08	1.842E-07	5.388E-07	4.295E-15	9.280E-10	1.200E+04
1.349E-02	1.870E-01	2.461E-06	3.204E-08	1.116E-07	4.099E-07	2.086E-15	5.740E-10	1.220E+04
1.029E-02	1.849E-01	3.555E-06	2.589E-08	6.748E-08	3.101E-07	1.005E-15	3.568E-10	1.240E+04
1.106E-02	1.828E-01	5.094E-06	2.088E-08	4.078E-08	2.336E-07	4.805E-16	2.230E-10	1.260E+04
9.220E-03	1.807E-01	7.242E-06	1.682E-08	2.465E-08	1.754E-07	2.788E-16	1.403E-10	1.280E+04
7.712E-03	1.787E-01	1.023E-05	1.355E-08	1.443E-08	1.315E-07	1.007E-16	8.896E-11	1.300E+04
6.465E-03	1.770E-01	1.435E-05	1.092E-08	9.069E-09	9.857E-08	5.161E-17	5.685E-11	1.320E+04
5.436E-03	1.754E-01	2.001E-05	8.601E-09	5.532E-09	7.391E-08	2.456E-17	3.661E-11	1.340E+04
4.586E-03	1.740E-01	2.773E-05	7.108E-09	3.393E-09	5.551E-08	1.174E-17	2.379E-11	1.360E+04
3.862E-03	1.728E-01	3.815E-05	5.751E-09	2.094E-09	4.179E-08	5.648E-18	1.560E-11	1.380E+04
3.248E-03	1.718E-01	5.249E-05	4.664E-09	1.302E-09	3.156E-08	2.738E-18	1.032E-11	1.400E+04
2.811E-03	1.709E-01	7.115E-05	3.743E-09	8.153E-10	2.392E-08	1.339E-18	6.887E-12	1.420E+04
2.405E-03	1.701E-01	9.622E-05	3.093E-09	5.149E-10	1.821E-08	6.619E-19	4.637E-12	1.440E+04
2.005E-03	1.695E-01	1.243E-04	2.530E-09	3.279E-10	1.392E-08	3.307E-19	3.149E-12	1.460E+04
1.779E-03	1.689E-01	1.728E-04	2.077E-09	2.107E-10	1.069E-08	1.672E-19	2.157E-12	1.480E+04
1.538E-03	1.683E-01	2.493E-04	1.710E-09	1.366E-10	8.246E-09	8.553E-20	1.489E-12	1.500E+04
1.334E-03	1.680E-01	3.026E-04	1.412E-09	8.944E-11	6.392E-09	4.429E-20	1.037E-12	1.520E+04
1.161E-03	1.676E-01	3.969E-04	1.176E-09	5.895E-11	4.979E-09	2.322E-20	7.271E-13	1.540E+04
1.013E-03	1.673E-01	5.174E-04	9.728E-10	3.924E-11	3.897E-09	1.232E-20	5.137E-13	1.560E+04
8.870E-04	1.669E-01	6.705E-04	8.113E-10	2.634E-11	3.063E-09	6.619E-21	3.655E-13	1.580E+04
7.787E-04	1.665E-01	8.635E-04	6.786E-10	1.783E-11	2.419E-09	3.559E-21	2.618E-13	1.600E+04
6.855E-04	1.661E-01	1.106E-03	5.694E-10	1.217E-11	1.919E-09	1.960E-21	1.887E-13	1.620E+04
6.049E-04	1.656E-01	1.409E-03	4.790E-10	8.373E-12	1.528E-09	1.102E-21	1.368E-13	1.640E+04
5.352E-04	1.651E-01	1.784E-03	4.041E-10	5.804E-12	1.222E-09	6.199E-22	9.978E-14	1.660E+04
4.745E-04	1.646E-01	2.246E-03	3.418E-10	4.053E-12	9.811E-10	3.526E-22	7.314E-14	1.680E+04
4.215E-04	1.642E-01	2.812E-03	2.878E-10	2.849E-12	7.403E-10	2.027E-22	5.388E-14	1.700E+04
3.752E-04	1.639E-01	3.500E-03	2.463E-10	2.017E-12	6.387E-10	1.177E-22	3.986E-14	1.720E+04
3.345E-04	1.636E-01	4.332E-03	2.097E-10	1.437E-12	5.177E-10	6.898E-23	2.960E-14	1.740E+04
2.986E-04	1.633E-01	5.329E-03	1.788E-10	1.029E-12	4.208E-10	4.081E-23	2.206E-14	1.760E+04
2.669E-04	1.630E-01	6.518E-03	1.528E-10	7.416E-13	3.428E-10	2.435E-23	1.648E-14	1.780E+04
2.387E-04	1.627E-01	7.922E-03	1.307E-10	5.370E-13	2.798E-10	1.465E-23	1.235E-14	1.800E+04
2.137E-04	1.624E-01	9.570E-03	1.115E-10	3.907E-13	2.288E-10	8.881E-24	9.262E-15	1.820E+04
1.913E-04	1.621E-01	1.145E-02	9.592E-11	2.894E-13	1.873E-10	5.423E-24	6.950E-15	1.840E+04
1.713E-04	1.617E-01	1.370E-02	8.224E-11	2.093E-13	1.535E-10	3.333E-24	5.225E-15	1.860E+04
1.533E-04	1.614E-01	1.622E-02	7.052E-11	1.560E-13	1.258E-10	2.061E-24	3.924E-15	1.880E+04
1.371E-04	1.611E-01	1.907E-02	6.046E-11	1.136E-13	1.031E-10	1.281E-24	2.943E-15	1.900E+04
1.224E-04	1.608E-01	2.226E-02	5.181E-11	8.402E-14	8.448E-11	8.005E-25	2.204E-15	1.920E+04
1.092E-04	1.605E-01	2.580E-02	4.436E-11	6.224E-14	6.917E-11	5.023E-25	1.645E-15	1.940E+04
9.727E-05	1.602E-01	2.967E-02	3.794E-11	4.618E-14	5.656E-11	3.164E-25	1.226E-15	1.960E+04
8.644E-05	1.600E-01	3.385E-02	3.240E-11	3.429E-14	4.618E-11	1.959E-25	9.093E-16	1.980E+04
7.665E-05	1.597E-01	3.833E-02	2.762E-11	2.547E-14	3.763E-11	1.267E-25	6.717E-16	2.000E+04
6.760E-05	1.595E-01	4.306E-02	2.345E-11	1.893E-14	3.060E-11	8.042E-26	4.938E-16	2.020E+04
5.980E-05	1.593E-01	4.799E-02	1.994E-11	1.406E-14	2.482E-11	5.116E-26	3.612E-16	2.040E+04
5.260E-05	1.591E-01	5.308E-02	1.688E-11	1.044E-14	2.008E-11	3.258E-26	2.627E-16	2.060E+04
4.614E-05	1.589E-01	5.826E-02	1.425E-11	7.747E-15	1.620E-11	2.078E-26	1.900E-16	2.080E+04
4.034E-05	1.587E-01	6.347E-02	1.200E-11	5.743E-15	1.304E-11	1.326E-26	1.367E-16	2.100E+04
3.518E-05	1.585E-01	6.865E-02	1.006E-11	4.253E-15	1.046E-11	8.462E-27	9.776E-17	2.120E+04
3.049E-05	1.583E-01	7.373E-02	8.448E-12	3.146E-15	8.369E-12	5.403E-27	6.955E-17	2.140E+04
2.625E-05	1.581E-01	7.887E-02	7.059E-12	2.325E-15	6.678E-12	3.450E-27	4.922E-17	2.160E+04
2.244E-05	1.579E-01	8.391E-02	5.886E-12	1.716E-15	5.313E-12	2.203E-27	3.467E-17	2.180E+04
1.980E-05	1.577E-01	8.771E-02	4.894E-12	1.265E-15	4.217E-12	1.406E-27	2.431E-17	2.200E+04
1.705E-05	1.575E-01	9.213E-02	4.066E-12	9.314E-16	3.338E-12	8.468E-28	1.699E-17	2.220E+04
1.466E-05	1.573E-01	9.505E-02	3.371E-12	6.852E-16	2.636E-12	5.710E-28	1.183E-17	2.240E+04
1.259E-05	1.571E-01	9.765E-02	2.791E-12	5.036E-16	2.077E-12	3.643E-28	7.213E-18	2.260E+04
1.079E-05	1.569E-01	1.024E-01	2.308E-12	3.697E-16	1.632E-12	2.319E-28	5.692E-18	2.280E+04
9.248E-06	1.567E-01	1.059E-01	1.908E-12	2.712E-16	1.280E-12	1.475E-28	3.938E-18	2.300E+04
7.919E-06	1.565E-01	1.085E-01	1.576E-12	1.988E-16	1.002E-12	9.364E-29	2.722E-18	2.320E+04
6.776E-06	1.563E-01	1.107E-01	1.302E-12	1.456E-16	7.823E-13	5.936E-29	1.881E-18	2.340E+04
5.802E-06	1.561E-01	1.127E-01	1.076E-12	1.065E-16	6.096E-13	3.757E-29	1.299E-18	2.360E+04
4.966E-06	1.559E-01	1.143E-01	8.894E-13	7.787E-17	4.740E-13	2.372E-29	8.983E-19	2.380E+04
4.233E-06	1.557E-01	1.157E-01	7.356E-13	5.687E-17	3.678E-13	1.495E-29	6.215E-19	2.400E+04
3.644E-06	1.555E-01	1.168E-01	6.088E-13	4.149E-17	2.842E-13	9.392E-30	4.306E-19	2.420E+04
3.124E-06	1.553E-01	1.177E-01	5.043E-13	3.024E-17	2.200E-13	5.885E-30	2.988E-19	2.440E+04
2.681E-06	1.551E-01	1.183E-01	4.182E-13	2.194E-17	1.696E-13	3.676E-30	2.077E-19	2.460E+04
2.302E-06	1.549E-01	1.187E-01	3.471E-13	1.594E-17	1.305E-13	2.288E-30	1.447E-19	2.480E+04
1.979E-06	1.547E-01	1.190E-01	2.885E-13	1.163E-17	1.001E-13	1.420E-30	1.010E-19	2.500E+04

Table II. - Continued.

P/P0 = 4.00E-02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.384E-11	1.760E-18	0.
2.000E+02	0.	3.781E-67	0.	0.	0.	5.071E-11	1.760E-18	0.
3.000E+02	0.	1.789E-45	1.593E-79	0.	0.	5.466E-11	1.760E-18	0.
4.007E+02	0.	1.222E-34	4.147E-62	0.	0.	5.083E-11	1.760E-18	0.
5.000E+02	0.	4.112E-28	1.199E-51	0.	0.	4.967E-11	1.760E-18	0.
6.000E+02	2.583E-92	9.202E-24	1.186E-44	0.	0.	4.640E-11	1.760E-18	3.251E-96
7.000E+02	1.364E-77	1.372E-20	1.045E-39	0.	2.382E-89	5.824E-11	1.760E-18	9.443E-83
8.000E+02	2.302E-65	1.270E-17	1.413E-36	0.	1.257E-75	1.009E-09	1.760E-18	2.521E-70
9.000E+02	1.898E-55	4.076E-15	2.470E-34	0.	2.307E-64	2.288E-08	1.760E-18	7.096E-60
1.000E+03	1.705E-47	4.190E-13	1.530E-32	0.	2.451E-55	2.840E-07	1.760E-18	1.695E-51
1.100E+03	5.599E-41	1.861E-11	4.501E-31	0.	5.953E-48	2.226E-06	1.760E-18	1.213E-44
1.200E+03	1.532E-35	4.400E-10	7.571E-30	0.	8.485E-42	1.235E-05	1.760E-18	6.216E-39
1.300E+03	6.190E-31	6.402E-09	8.282E-29	0.	1.365E-36	5.253E-05	1.760E-18	4.196E-34
1.400E+03	5.560E-27	6.360E-08	6.458E-28	0.	3.955E-32	1.813E-04	1.760E-18	5.760E-30
1.500E+03	1.498E-23	4.664E-07	3.840E-27	0.	2.906E-28	5.294E-04	1.760E-18	2.210E-26
1.600E+03	1.502E-20	2.666E-06	1.847E-26	0.	6.941E-25	1.348E-03	1.773E-18	2.982E-23
1.700E+03	2.692E-18	1.234E-05	1.849E-25	0.	2.648E-22	3.064E-03	4.454E-18	6.857E-21
1.800E+03	5.143E-17	4.822E-05	7.598E-24	0.	9.805E-21	6.323E-03	5.335E-17	1.613E-19
1.900E+03	5.931E-16	1.628E-04	2.576E-22	0.	2.022E-19	1.200E-02	5.972E-16	2.207E-18
2.000E+03	5.276E-15	4.842E-04	6.241E-21	0.	3.001E-18	2.111E-02	5.303E-15	2.250E-17
2.100E+03	3.789E-14	1.289E-03	1.121E-19	1.221E-86	3.379E-17	3.465E-02	3.810E-14	1.788E-16
2.200E+03	2.256E-13	3.106E-03	1.555E-18	2.160E-82	2.981E-16	5.321E-02	2.270E-13	1.137E-15
2.300E+03	1.137E-12	6.843E-03	1.721E-17	1.664E-78	2.112E-15	7.660E-02	1.144E-12	5.888E-15
2.400E+03	4.931E-12	1.388E-02	1.563E-16	6.220E-75	1.225E-14	1.033E-01	4.967E-12	2.518E-14
2.500E+03	1.866E-11	2.605E-02	1.193E-15	1.235E-71	5.911E-14	1.304E-01	1.880E-11	8.980E-14
2.600E+03	6.233E-11	4.544E-02	7.782E-15	1.407E-68	2.401E-13	1.540E-01	6.279E-11	2.692E-13
2.700E+03	1.854E-10	7.405E-02	4.448E-14	9.827E-66	8.297E-13	1.698E-01	1.867E-10	6.826E-13
2.800E+03	4.955E-10	1.129E-01	2.244E-13	4.449E-63	2.461E-12	1.745E-01	4.984E-10	1.472E-12
2.900E+03	1.197E-09	1.616E-01	1.014E-12	1.366E-60	6.315E-12	1.672E-01	1.203E-09	2.710E-12
3.000E+03	2.633E-09	2.175E-01	4.148E-12	3.004E-58	1.411E-11	1.491E-01	2.638E-09	4.280E-12
3.100E+03	5.300E-09	2.762E-01	1.551E-11	4.839E-56	2.764E-11	1.237E-01	5.290E-09	5.824E-12
3.200E+03	9.837E-09	3.320E-01	5.339E-11	5.906E-54	4.793E-11	9.592E-02	9.755E-09	6.897E-12
3.300E+03	1.699E-08	3.800E-01	1.704E-10	5.576E-52	7.664E-11	7.001E-02	1.666E-08	7.224E-12
3.400E+03	2.767E-08	4.176E-01	5.061E-10	4.143E-50	1.064E-10	4.875E-02	2.660E-08	6.863E-12
3.500E+03	4.307E-08	4.449E-01	1.403E-09	2.435E-48	1.421E-10	3.291E-02	4.001E-08	6.092E-12
3.600E+03	6.511E-08	4.636E-01	3.633E-09	1.135E-46	1.822E-10	2.188E-02	5.702E-08	5.210E-12
3.700E+03	9.703E-08	4.760E-01	8.767E-09	4.192E-45	2.289E-10	1.450E-02	7.725E-08	4.408E-12
3.800E+03	1.445E-07	4.841E-01	1.967E-08	1.252E-43	2.870E-10	9.656E-02	9.945E-08	3.769E-12
3.900E+03	2.169E-07	4.893E-01	4.100E-08	2.836E-42	3.636E-10	6.498E-03	1.217E-07	3.304E-12
4.000E+03	3.297E-07	4.927E-01	7.959E-08	5.265E-41	4.680E-10	4.432E-03	1.419E-07	2.988E-12
4.100E+03	5.068E-07	4.950E-01	1.449E-07	7.938E-40	6.119E-10	3.066E-03	1.587E-07	2.786E-12
4.200E+03	7.839E-07	4.965E-01	2.496E-07	1.001E-38	8.090E-10	2.153E-03	1.717E-07	2.667E-12
4.300E+03	1.213E-06	4.975E-01	4.106E-07	1.076E-37	1.076E-09	1.535E-03	1.810E-07	2.604E-12
4.400E+03	1.873E-06	4.982E-01	6.498E-07	1.007E-36	1.434E-09	1.109E-03	1.872E-07	2.583E-12
4.500E+03	2.876E-06	4.987E-01	9.443E-07	8.311E-36	1.911E-09	8.131E-04	1.907E-07	2.595E-12
4.600E+03	4.394E-06	4.991E-01	1.475E-06	6.102E-35	2.545E-09	6.038E-04	1.916E-07	2.638E-12
4.700E+03	6.690E-06	4.995E-01	2.123E-06	4.007E-34	3.393E-09	4.540E-04	1.898E-07	2.716E-12
4.800E+03	1.017E-05	4.999E-01	2.963E-06	2.360E-33	4.539E-09	3.454E-04	1.852E-07	2.836E-12
4.900E+03	1.549E-05	5.003E-01	4.012E-06	1.249E-32	5.106E-09	2.659E-04	1.779E-07	3.009E-12
5.000E+03	2.365E-05	5.009E-01	5.270E-06	5.963E-32	6.271E-09	2.070E-04	1.680E-07	3.247E-12
5.100E+03	3.621E-05	5.019E-01	6.727E-06	2.581E-31	1.129E-08	1.629E-04	1.564E-07	3.564E-12
5.200E+03	5.553E-05	5.023E-01	8.372E-06	1.022E-30	1.549E-08	1.297E-04	1.437E-07	3.973E-12
5.300E+03	8.503E-05	5.055E-01	1.041E-05	3.742E-30	2.134E-08	1.044E-04	1.311E-07	4.486E-12
5.400E+03	1.295E-04	5.086E-01	1.227E-05	1.285E-29	2.938E-08	8.512E-05	1.193E-07	5.112E-12
5.500E+03	1.953E-04	5.131E-01	1.461E-05	4.187E-29	4.028E-08	7.030E-05	1.091E-07	5.859E-12
5.600E+03	2.905E-04	5.192E-01	1.735E-05	1.313E-28	5.479E-08	5.885E-05	1.007E-07	6.729E-12
5.700E+03	4.247E-04	5.273E-01	2.065E-05	4.004E-28	7.371E-08	4.996E-05	9.430E-08	7.719E-12
5.800E+03	6.084E-04	5.373E-01	2.472E-05	1.198E-27	9.776E-08	4.299E-05	8.991E-08	8.814E-12
5.900E+03	8.527E-04	5.490E-01	2.983E-05	3.541E-27	1.275E-07	3.744E-05	8.738E-08	9.982E-12
6.000E+03	1.168E-03	5.620E-01	3.631E-05	1.037E-26	1.632E-07	3.292E-05	8.648E-08	1.118E-11
6.100E+03	1.564E-03	5.767E-01	4.454E-05	3.014E-26	2.048E-07	2.915E-05	8.696E-08	1.234E-11
6.200E+03	2.049E-03	5.892E-01	5.499E-05	8.685E-26	2.519E-07	2.591E-05	8.857E-08	1.341E-11
6.300E+03	2.631E-03	6.019E-01	6.820E-05	2.477E-25	3.036E-07	2.306E-05	9.105E-08	1.433E-11
6.400E+03	3.317E-03	6.173E-01	8.480E-05	6.980E-25	3.590E-07	2.052E-05	9.419E-08	1.504E-11
6.500E+03	4.114E-03	6.230E-01	1.055E-04	1.938E-24	4.171E-07	1.823E-05	9.782E-08	1.554E-11
6.600E+03	5.029E-03	6.310E-01	1.312E-04	5.291E-24	4.773E-07	1.618E-05	1.018E-07	1.583E-11
6.700E+03	6.074E-03	6.373E-01	1.627E-04	1.418E-23	5.389E-07	1.434E-05	1.060E-07	1.592E-11
6.800E+03	7.257E-03	6.421E-01	2.013E-04	3.726E-23	6.016E-07	1.269E-05	1.104E-07	1.586E-11
6.900E+03	8.591E-03	6.466E-01	2.482E-04	9.587E-23	6.650E-07	1.124E-05	1.150E-07	1.567E-11
7.000E+03	1.009E-02	6.480E-01	3.049E-04	1.415E-22	7.292E-07	9.951E-06	1.196E-07	1.533E-11
7.100E+03	1.177E-02	6.495E-01	3.729E-04	5.955E-22	7.940E-07	8.818E-06	1.244E-07	1.502E-11
7.200E+03	1.364E-02	6.502E-01	4.543E-04	1.438E-21	8.594E-07	7.823E-06	1.292E-07	1.461E-11
7.300E+03	1.572E-02	6.502E-01	5.509E-04	3.398E-21	9.254E-07	6.950E-06	1.341E-07	1.417E-11
7.400E+03	1.802E-02	6.498E-01	6.654E-04	7.970E-21	9.919E-07	6.184E-06	1.390E-07	1.370E-11
7.500E+03	2.056E-02	6.489E-01	8.003E-04	1.787E-20	1.059E-06	5.511E-06	1.440E-07	1.322E-11
7.600E+03	2.336E-02	6.476E-01	9.587E-04	3.978E-20	1.126E-06	4.919E-06	1.491E-07	1.274E-11
7.700E+03	2.643E-02	6.459E-01	1.144E-03	8.693E-20	1.192E-06	4.399E-06	1.542E-07	1.225E-11
7.800E+03	2.977E-02	6.439E-01	1.360E-03	1.866E-19	1.259E-06	3.939E-06	1.594E-07	1.176E-11
7.900E+03	3.341E-02	6.415E-01	1.610E-03	3.935E-19	1.325E-06	3.534E-06	1.646E-07	1.128E-11
8.000E+03	3.736E-02	6.389E-01	1.900E-03	8.160E-19	1.390E-06	3.174E-06	1.699E-07	1.080E-11
8.200E+03	4.620E-02	6.326E-01	2.620E-03	3.347E-18	1.515E-06	2.572E-06	1.805E-07	9.861E-12

Table II. - Continued.

P/P0 = 4.00E-02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.122E-64	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.184E-39	6.898E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.615E-27	2.876E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	6.734E-20	6.714E-47	1.000E+00	0.	5.000E+02
1.041E-77	1.135E-78	0.	0.	6.050E-15	1.287E-38	1.000E+00	0.	6.000E+02
5.716E-64	5.536E-66	0.	0.	1.816E-11	7.016E-33	1.000E+00	1.383E-90	7.000E+02
7.973E-55	8.618E-59	0.	0.	1.920E-09	2.518E-30	1.000E+00	7.853E-78	8.000E+02
4.203E-48	5.590E-54	0.	0.	4.566E-08	6.282E-29	1.000E+00	1.072E-68	9.000E+02
9.858E-43	3.807E-50	0.	4.667E-86	5.678E-07	7.957E-28	1.000E+00	2.088E-61	1.000E+03
2.448E-38	5.239E-47	0.	7.960E-76	4.451E-06	6.348E-27	1.000E+00	1.922E-55	1.100E+03
1.129E-34	2.175E-44	0.	2.676E-67	2.470E-05	3.585E-26	1.000E+00	1.797E-50	1.200E+03
1.425E-31	3.590E-42	0.	4.388E-60	1.051E-04	1.552E-25	9.998E-01	2.890E-46	1.300E+03
6.300E-29	2.870E-40	0.	6.699E-54	3.627E-04	5.450E-25	9.995E-01	1.165E-42	1.400E+03
1.312E-26	1.282E-38	2.568E-95	1.530E-48	1.059E-03	1.620E-24	9.984E-01	1.554E-39	1.500E+03
1.365E-24	3.614E-37	1.114E-91	7.400E-44	2.699E-03	4.236E-24	9.960E-01	8.425E-37	1.600E+03
8.230E-23	1.721E-35	1.132E-87	4.018E-40	6.161E-03	2.471E-23	9.908E-01	2.176E-34	1.700E+03
3.145E-21	2.835E-33	1.164E-82	1.573E-37	1.270E-02	6.267E-22	9.809E-01	3.024E-32	1.800E+03
6.179E-20	3.333E-31	5.313E-78	2.699E-35	2.416E-02	1.375E-20	9.637E-01	2.492E-30	1.900E+03
1.532E-18	2.480E-29	8.637E-74	2.694E-33	4.270E-02	2.241E-19	9.357E-01	1.312E-28	2.000E+03
2.161E-17	1.233E-27	5.6E-70	1.707E-31	7.058E-02	2.799E-18	8.935E-01	4.697E-27	2.100E+03
2.184E-16	4.335E-26	1.721E-66	7.276E-30	1.095E-01	2.769E-17	8.341E-01	1.199E-25	2.200E+03
2.118E-15	1.124E-24	2.461E-63	2.185E-28	1.600E-01	2.231E-16	7.565E-01	2.275E-24	2.300E+03
1.255E-14	2.254E-23	2.299E-60	4.800E-27	2.205E-01	1.499E-15	6.623E-01	3.315E-23	2.400E+03
9.436E-13	3.615E-22	1.200E-57	7.971E-26	2.869E-01	8.582E-15	5.566E-01	3.8E-22	2.500E+03
2.143E-12	4.754E-21	4.043E-55	1.029E-24	3.534E-01	4.261E-14	4.471E-01	3.582E-21	2.600E+03
2.497E-12	2.266E-20	9.328E-53	1.058E-23	4.136E-01	1.867E-13	3.426E-01	2.803E-20	2.700E+03
1.084E-11	2.086E-19	1.553E-50	8.893E-23	4.620E-01	7.346E-13	2.506E-01	1.881E-19	2.800E+03
3.828E-11	4.324E-18	1.958E-48	6.242E-22	4.960E-01	2.640E-12	1.753E-01	1.113E-18	2.900E+03
1.341E-10	3.995E-17	1.950E-46	3.742E-21	5.157E-01	8.806E-12	1.178E-01	5.972E-18	3.000E+03
4.428E-10	2.432E-16	1.594E-44	1.957E-20	5.236E-01	2.771E-11	7.446E-02	2.986E-17	3.100E+03
1.382E-09	1.815E-15	1.100E-42	9.099E-20	5.238E-01	8.328E-11	4.834E-02	1.423E-16	3.200E+03
4.212E-09	1.094E-14	4.531E-41	3.833E-19	5.200E-01	2.411E-10	3.004E-02	6.559E-16	3.300E+03
1.231E-08	6.774E-13	3.330E-39	1.485E-18	5.151E-01	6.734E-10	1.854E-02	2.938E-15	3.400E+03
3.477E-08	3.926E-12	1.447E-37	5.364E-18	5.107E-01	1.805E-09	1.147E-02	1.273E-14	3.500E+03
2.461E-08	2.132E-12	5.274E-36	1.830E-17	5.074E-01	4.636E-09	7.163E-03	5.300E-14	3.600E+03
2.473E-07	1.077E-11	1.586E-34	5.964E-17	5.050E-01	1.124E-08	4.541E-03	2.103E-13	3.700E+03
6.212E-07	4.912E-11	3.282E-33	1.879E-16	5.034E-01	2.558E-08	2.929E-03	7.912E-13	3.800E+03
1.499E-06	2.030E-10	7.692E-32	5.770E-16	5.023E-01	5.437E-08	1.924E-03	2.818E-12	3.900E+03
3.473E-06	7.604E-10	1.238E-30	1.736E-15	5.016E-01	1.079E-07	1.288E-03	9.495E-12	4.000E+03
7.744E-06	2.600E-09	1.644E-29	5.112E-15	5.011E-01	2.012E-07	8.777E-04	3.033E-11	4.100E+03
1.667E-05	1.190E-09	1.838E-28	1.469E-14	5.007E-01	3.552E-07	6.087E-04	9.199E-11	4.200E+03
3.466E-05	2.401E-08	1.766E-27	4.107E-14	5.005E-01	5.989E-07	4.291E-04	2.657E-10	4.300E+03
6.978E-05	6.693E-08	1.489E-26	1.114E-13	5.003E-01	9.710E-07	3.073E-04	7.324E-10	4.400E+03
1.362E-04	1.716E-07	1.112E-25	2.928E-13	5.001E-01	1.521E-06	2.233E-04	1.932E-09	4.500E+03
2.582E-04	4.224E-07	7.423E-25	7.478E-13	4.998E-01	2.302E-06	1.645E-04	4.891E-09	4.600E+03
4.775E-04	9.874E-07	4.451E-24	1.860E-12	4.994E-01	3.393E-06	1.227E-04	1.190E-08	4.700E+03
8.292E-04	2.195E-06	2.402E-23	4.519E-12	4.988E-01	4.834E-06	9.268E-05	2.789E-08	4.800E+03
1.509E-03	4.636E-06	1.168E-22	1.077E-11	4.978E-01	6.668E-06	7.075E-05	6.302E-08	4.900E+03
2.886E-03	9.315E-06	5.131E-22	2.520E-11	4.962E-01	8.901E-06	5.455E-05	1.374E-07	5.000E+03
4.330E-03	1.783E-05	2.043E-21	5.796E-11	4.935E-01	1.151E-05	4.243E-05	2.891E-07	5.100E+03
7.078E-03	3.259E-05	7.429E-21	1.308E-10	4.893E-01	1.444E-05	3.325E-05	5.861E-07	5.200E+03
1.129E-02	5.107E-05	2.487E-20	2.883E-10	4.830E-01	1.763E-05	2.620E-05	1.143E-06	5.300E+03
1.755E-02	9.610E-05	7.753E-20	6.174E-10	4.735E-01	2.103E-05	2.073E-05	2.134E-06	5.400E+03
2.645E-02	1.941E-04	2.262E-19	1.276E-09	4.599E-01	2.455E-05	1.643E-05	3.799E-06	5.500E+03
3.875E-02	2.450E-04	4.256E-19	2.528E-09	4.413E-01	2.814E-05	1.300E-05	6.410E-06	5.600E+03
5.481E-02	3.723E-04	1.649E-18	4.769E-09	4.170E-01	3.169E-05	1.024E-05	1.019E-05	5.700E+03
7.477E-02	5.486E-04	4.169E-18	8.523E-09	3.867E-01	3.510E-05	7.993E-06	1.518E-05	5.800E+03
9.823E-02	7.847E-04	1.015E-17	1.438E-08	3.510E-01	3.824E-05	6.167E-06	2.113E-05	5.900E+03
1.243E-01	1.091E-03	2.388E-17	2.289E-08	3.113E-01	4.096E-05	4.686E-06	2.746E-05	6.000E+03
1.515E-01	1.477E-03	5.450E-17	3.439E-08	2.646E-01	4.314E-05	3.499E-06	3.340E-05	6.100E+03
1.796E-01	1.920E-03	1.209E-16	4.896E-08	2.290E-01	4.469E-05	2.565E-06	3.816E-05	6.200E+03
2.040E-01	2.518E-03	2.610E-16	6.634E-08	1.887E-01	4.558E-05	1.846E-06	4.123E-05	6.300E+03
2.264E-01	3.187E-03	5.498E-16	8.604E-08	1.532E-01	4.580E-05	1.306E-06	4.242E-05	6.400E+03
2.463E-01	3.963E-03	1.131E-15	1.074E-07	1.224E-01	4.545E-05	9.107E-07	4.189E-05	6.500E+03
2.635E-01	4.854E-03	2.276E-15	1.299E-07	9.648E-02	4.460E-05	6.281E-07	4.000E-05	6.600E+03
2.791E-01	5.968E-03	4.484E-15	1.529E-07	7.536E-02	4.339E-05	4.298E-07	3.720E-05	6.700E+03
2.848E-01	7.014E-03	8.665E-15	1.762E-07	5.849E-02	4.192E-05	2.927E-07	3.388E-05	6.800E+03
2.919E-01	8.303E-03	1.642E-14	1.994E-07	4.523E-02	4.028E-05	1.990E-07	3.039E-05	6.900E+03
2.982E-01	9.747E-03	3.056E-14	2.225E-07	3.492E-02	3.855E-05	1.354E-07	2.695E-05	7.000E+03
3.050E-01	1.136E-02	5.590E-14	2.453E-07	2.696E-02	3.679E-05	7.232E-08	2.370E-05	7.100E+03
3.077E-01	1.315E-02	1.088E-13	2.677E-07	2.084E-02	3.504E-05	6.317E-08	2.072E-05	7.200E+03
3.021E-01	1.513E-02	1.781E-13	2.898E-07	1.614E-02	3.333E-05	4.342E-08	1.804E-05	7.300E+03
3.016E-01	1.733E-02	3.105E-13	3.113E-07	1.254E-02	3.167E-05	3.000E-08	1.566E-05	7.400E+03
3.026E-01	1.973E-02	5.336E-13	3.324E-07	9.768E-03	3.007E-05	2.083E-08	1.356E-05	7.500E+03
2.998E-01	2.238E-02	9.042E-13	3.528E-07	7.633E-03	2.854E-05	1.455E-08	1.173E-05	7.600E+03
2.922E-01	2.524E-02	1.512E-12	3.724E-07	5.984E-03	2.708E-05	1.022E-08	1.013E-05	7.700E+03
2.919E-01	2.839E-02	2.425E-12	3.912E-07	4.706E-03	2.569E-05	7.214E-09	8.742E-06	7.800E+03
2.897E-01	3.178E-02	4.066E-12	4.089E-07	3.712E-03	2.436E-05	5.119E-09	7.535E-06	7.900E+03
2.855E-01	3.544E-02	6.546E-12	4.253E-07	2.937E-03	2.309E-05	3.651E-09	6.488E-06	8.000E+03
2.791E-01	3.954E-02	1.640E-11	4.538E-07	1.852E-03	2.073E-05	1.882E-09	4.792E-06	8.200E+03



Table II. - Continued.

T	F-	0	0+	0++	0-	02	02+	02-
8.400E+03	5.635F-02	6.281F-01	3.568E-03	1.294E-17	1.632F-06	2.094E-06	1.913E-07	8.949E-12
8.600E+03	6.781E-02	6.164E-01	4.803E-03	4.735E-17	1.737E-06	1.712E-06	2.022E-07	8.069E-12
8.800E+03	8.055E-02	6.064E-01	6.399E-03	1.648E-16	1.829E-06	1.404E-06	2.133E-07	7.233E-12
9.000E+03	9.450E-02	5.951E-01	8.444E-03	5.475E-16	1.901E-06	1.154E-06	2.244E-07	6.417E-12
9.200E+03	1.095E-01	5.825E-01	1.104E-02	1.743E-15	1.954E-06	9.502E-07	2.355E-07	5.655E-12
9.400E+03	1.255E-01	5.686E-01	1.432E-02	5.330E-15	1.985E-06	7.829E-07	2.46E-07	4.941E-12
9.600E+03	1.422E-01	5.534E-01	1.843E-02	1.570E-14	1.995E-06	6.451E-07	2.57E-07	4.278E-12
9.800E+03	1.595E-01	5.368E-01	2.351E-02	4.461E-14	1.982E-06	5.310E-07	2.672E-07	3.669E-12
1.000E+04	1.771E-01	5.188E-01	2.975E-02	1.225E-13	1.949E-06	4.361E-07	2.762E-07	3.116E-12
1.020E+04	1.950E-01	4.993E-01	3.730E-02	3.249E-13	1.896E-06	3.569E-07	2.837E-07	2.619E-12
1.040E+04	2.131E-01	4.783E-01	4.632E-02	8.331E-13	1.825E-06	2.907E-07	2.889E-07	2.177E-12
1.060E+04	2.313E-01	4.566E-01	5.689E-02	2.065E-12	1.740E-06	2.352E-07	2.912E-07	1.788E-12
1.080E+04	2.496E-01	4.312E-01	6.907E-02	4.945E-12	1.642E-06	1.887E-07	2.899E-07	1.450E-12
1.100E+04	2.679E-01	4.053E-01	8.280E-02	1.145E-11	1.533E-06	1.498E-07	2.844E-07	1.160E-12
1.120E+04	2.862E-01	3.779E-01	9.794E-02	2.460E-11	1.416E-06	1.175E-07	2.746E-07	9.134E-13
1.140E+04	3.044E-01	3.495E-01	1.143E-01	5.339E-11	1.294E-06	9.096E-08	2.604E-07	7.075E-13
1.160E+04	3.223E-01	3.203E-01	1.315E-01	1.160E-10	1.169F-06	6.939E-08	2.426E-07	5.384E-13
1.180E+04	3.399E-01	2.908F-01	1.493E-01	2.354E-10	1.043E-06	5.212E-08	2.217E-07	4.027E-13
1.200E+04	3.570F-01	2.615E-01	1.671E-01	4.639E-10	9.196E-07	3.854E-08	1.989E-07	2.949E-13
1.220E+04	3.732F-01	2.381E-01	1.848E-01	8.886E-10	8.010F-07	2.805E-08	1.751E-07	2.121E-13
1.240E+04	3.895F-01	2.088E-01	2.018E-01	1.658E-09	6.855E-07	2.010E-08	1.516E-07	1.497E-13
1.260E+04	4.027E-01	1.803E-01	2.179E-01	3.016F-09	5.867E-07	1.420E-08	1.290F-07	1.028E-13
1.280E+04	4.157F-01	1.566E-01	2.329E-01	5.362E-09	4.941F-07	9.906E-09	1.082E-07	7.087E-14
1.300E+04	4.274F-01	1.382E-01	2.466F-01	9.327E-09	4.121E-07	6.831E-09	8.959E-08	4.767E-14
1.320E+04	4.378E-01	1.180E-01	2.588E-01	1.590F-08	3.409F-07	4.665E-09	7.332E-08	3.168E-14
1.340E+04	4.469F-01	9.904E-02	2.697E-01	2.660E-08	2.799E-07	3.162E-09	5.945E-08	2.084E-14
1.360E+04	4.549E-01	8.425E-02	2.792E-01	4.372E-08	2.286E-07	2.132E-09	4.783E-08	1.360E-14
1.380E+04	4.617F-01	7.147E-02	2.874E-01	7.368E-08	1.858E-07	1.432E-09	3.874F-08	8.827E-15
1.400E+04	4.676E-01	6.052E-02	2.944E-01	1.125E-07	1.506E-07	9.599E-10	3.048E-08	5.710E-15
1.420E+04	4.726F-01	5.119E-02	3.004E-01	1.765F-07	1.218F-07	6.434E-10	2.422E-08	3.689E-15
1.440E+04	4.768E-01	4.329E-02	3.055E-01	2.733E-07	9.847E-08	4.318E-10	1.922E-08	2.383E-15
1.460E+04	4.804E-01	3.663E-02	3.098E-01	4.176E-07	7.956E-09	2.905E-10	1.524E-08	1.542E-15
1.480E+04	4.834E-01	3.102E-02	3.134E-01	6.305E-07	6.433E-08	1.960E-10	1.210E-08	1.017E-15
1.500E+04	4.859E-01	2.680E-02	3.164E-01	9.409E-07	5.207E-08	1.329E-10	9.613E-09	6.520E-16
1.520E+04	4.881E-01	2.284E-02	3.190E-01	1.389E-06	4.223F-08	9.049E-11	7.654E-09	4.267E-16
1.540E+04	4.899E-01	1.901E-02	3.211E-01	2.029E-06	3.431E-08	6.196E-11	6.109E-09	2.807E-16
1.560E+04	4.914E-01	1.622E-02	3.228E-01	2.936E-06	2.795F-08	4.266E-11	4.890E-09	1.857E-16
1.580E+04	4.927E-01	1.387E-02	3.243E-01	4.206E-06	2.282F-08	2.955E-11	3.926F-09	1.236E-16
1.600E+04	4.939E-01	1.188E-02	3.255E-01	5.973E-06	1.869E-08	2.059E-11	3.162E-09	8.280E-17
1.620E+04	4.949E-01	1.021E-02	3.265E-01	8.407E-06	1.535E-08	1.443E-11	2.555E-09	5.581E-17
1.640E+04	4.957E-01	8.795E-03	3.274E-01	1.173E-05	1.265E-08	1.018E-11	2.072E-09	3.745E-17
1.660E+04	4.965F-01	7.596E-03	3.280E-01	1.625E-05	1.045E-08	7.229E-12	1.686E-09	2.577E-17
1.680E+04	4.973F-01	6.577E-03	3.286E-01	2.232E-05	8.663E-09	5.163E-12	1.377E-09	1.778E-17
1.700E+04	4.979E-01	5.710E-03	3.290E-01	3.043E-05	7.204E-09	3.711E-12	1.128E-09	1.230E-17
1.720E+04	4.986E-01	4.970E-03	3.292E-01	4.120E-05	6.008E-09	2.683E-12	9.277E-10	8.568E-18
1.740E+04	4.993E-01	4.336E-03	3.294E-01	5.537E-05	5.027E-09	1.951E-12	7.653E-10	6.005E-18
1.760E+04	5.000F-01	3.793E-03	3.295E-01	7.391E-05	4.219F-09	1.427E-12	6.335E-10	4.235E-18
1.780E+04	5.007E-01	3.326E-03	3.295E-01	9.801E-05	3.551E-09	1.050E-12	5.260F-10	3.005E-18
1.800E+04	5.015F-01	2.923E-03	3.293E-01	1.291E-04	2.999E-09	7.766E-13	4.381E-10	2.146E-18
1.820E+04	5.023E-01	2.576E-03	3.290F-01	1.690E-04	2.539F-09	5.775E-13	3.660E-10	1.541E-18
1.840E+04	5.033F-01	2.274F-03	3.287E-01	2.198E-04	2.157E-09	4.318E-13	3.067E-10	1.114E-18
1.860E+04	5.043F-01	2.013E-03	3.282E-01	2.842E-04	1.837E-09	3.245E-13	2.577E-10	8.091E-19
1.880E+04	5.055F-01	1.783E-03	3.275F-01	3.653E-04	1.569E-09	2.450E-13	2.171E-10	5.912E-19
1.900E+04	5.068F-01	1.587E-03	3.268E-01	4.668E-04	1.344E-09	1.859E-13	1.833E-10	4.343E-19
1.920E+04	5.082F-01	1.413E-03	3.258E-01	5.930E-04	1.155E-09	1.417E-13	1.552E-10	3.208E-19
1.940E+04	5.099F-01	1.261E-03	3.248E-01	7.490E-04	9.946E-10	1.085E-13	1.316E-10	2.381E-19
1.960E+04	5.116E-01	1.127E-03	3.235E-01	9.409E-04	8.588E-10	8.343E-14	1.119E-10	1.776E-19
1.980E+04	5.136F-01	1.009E-03	3.221E-01	1.176E-03	7.434E-10	6.442E-14	9.535E-11	1.332E-19
2.000E+04	5.157E-01	9.065E-04	3.205E-01	1.461E-03	6.451E-10	4.993E-14	8.138E-11	1.003E-19
2.020E+04	5.180F-01	8.157E-04	3.187E-01	1.806E-03	5.611E-10	3.885E-14	6.957E-11	7.584E-20
2.040E+04	5.205E-01	7.323E-04	3.167E-01	2.222E-03	4.890F-10	3.033E-14	5.957E-11	5.759E-20
2.060E+04	5.231F-01	6.599E-04	3.146E-01	2.719E-03	4.271E-10	2.376E-14	5.108E-11	4.391E-20
2.080E+04	5.258E-01	5.956E-04	3.122E-01	3.312E-03	3.737E-10	1.866E-14	4.386E-11	3.360E-20
2.100E+04	5.287E-01	5.382E-04	3.096E-01	4.015E-03	3.276E-10	1.471E-14	3.770E-11	2.580E-20
2.120E+04	5.317E-01	4.868E-04	3.069E-01	4.845E-03	2.876E-10	1.162E-14	3.244E-11	1.987E-20
2.140E+04	5.347E-01	4.409E-04	3.039E-01	5.821E-03	2.529F-10	9.202E-15	2.793E-11	1.535E-20
2.160E+04	5.378E-01	3.996E-04	3.008E-01	6.962E-03	2.226E-10	7.303E-15	2.407E-11	1.188E-20
2.180E+04	5.409E-01	3.624E-04	2.974E-01	8.292E-03	1.962F-10	5.806E-15	2.075E-11	9.220E-21
2.200E+04	5.441F-01	3.290E-04	2.938E-01	9.633E-03	1.731E-10	4.624E-15	1.789E-11	7.167E-21
2.220E+04	5.473E-01	2.987E-04	2.899E-01	1.161E-02	1.528E-10	3.686E-15	1.542E-11	5.581E-21
2.240E+04	5.505F-01	2.714E-04	2.858E-01	1.365E-02	1.350F-10	2.942E-15	1.329E-11	4.350E-21
2.260E+04	5.537E-01	2.465F-04	2.813E-01	1.598E-02	1.193E-10	2.349E-15	1.145E-11	3.394F-21
2.280E+04	5.569F-01	2.240E-04	2.765E-01	1.863E-02	1.054E-10	1.876F-15	9.850E-12	2.649E-21
2.300E+04	5.602E-01	2.034E-04	2.714E-01	2.161E-02	9.315E-11	1.498E-15	8.462E-12	2.068E-21
2.320E+04	5.635E-01	1.847E-04	2.659F-01	2.496E-02	8.231E-11	1.195E-15	7.257E-12	1.613E-21
2.340E+04	5.668E-01	1.676E-04	2.600E-01	2.869E-02	7.270E-11	9.493E-16	6.209E-12	1.258E-21
2.360E+04	5.701F-01	1.519E-04	2.536E-01	3.281E-02	6.417E-11	7.558E-16	5.299F-12	9.793F-22
2.380E+04	5.735E-01	1.376E-04	2.468E-01	3.742E-02	5.660F-11	6.020E-16	4.508E-12	7.612E-22
2.400E+04	5.770E-01	1.244E-04	2.396E-01	4.228E-02	4.986E-11	4.769E-16	3.821E-12	5.904E-22
2.420E+04	5.805F-01	1.123E-04	2.320E-01	4.761E-02	4.387E-11	3.768E-16	3.226E-12	4.568E-22
2.440E+04	5.840F-01	1.013E-04	2.239E-01	5.332E-02	3.855F-11	2.967E-16	2.713E-12	3.524E-22
2.460E+04	5.876F-01	9.111E-05	2.155E-01	5.938E-02	3.381E-11	2.328E-16	2.270E-12	2.709E-22
2.480E+04	5.912E-01	8.180F-05	2.066E-01	6.577E-02	2.960E-11	1.819E-16	1.890E-12	2.075E-22
2.500E+04	5.949E-01	7.329E-05	1.975E-01	7.244E-02	2.587E-11	1.415E-16	1.565E-12	1.583E-22

Table II. - Continued

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.610E-01	5.276E-02	3.932E-11	4.753E-07	1.179E-03	1.857E-05	9.857E-10	3.518E-06	8.400E+03
2.472E-01	6.299E-02	9.054E-11	4.887E-07	7.557E-04	1.659E-05	5.232E-10	2.563E-06	8.606E+03
2.320E-01	7.414E-02	2.007E-10	4.929E-07	4.869E-04	1.476E-05	2.807E-10	1.849E-06	8.800E+03
2.156E-01	8.605E-02	4.290E-10	4.875E-07	3.148E-04	1.308E-05	1.518E-10	1.319E-06	9.000E+03
1.982E-01	9.848E-02	8.464E-10	4.728E-07	2.038E-04	1.153E-05	8.257E-11	9.285E-07	9.200E+03
1.802E-01	1.112E-01	1.773E-09	4.495E-07	1.320E-04	1.010E-05	4.508E-11	6.443E-07	9.400E+03
1.621E-01	1.238E-01	3.437E-09	4.190E-07	8.537E-05	8.788E-06	2.465E-11	4.403E-07	9.600E+03
1.442E-01	1.359E-01	6.469E-09	3.833E-07	5.511E-05	7.587E-06	1.348E-11	2.962E-07	9.800E+03
1.269E-01	1.474E-01	1.183E-08	3.443E-07	3.547E-05	6.497E-06	7.363E-12	1.963E-07	1.000E+04
1.106E-01	1.577E-01	2.105E-08	3.043E-07	2.276E-05	5.515E-06	4.010E-12	1.282E-07	1.020E+04
9.549E-02	1.668E-01	3.645E-08	2.650E-07	1.455E-05	4.639E-06	2.174E-12	8.272E-08	1.040E+04
8.182E-02	1.744E-01	6.155E-08	2.279E-07	9.269E-06	3.864E-06	1.175E-12	5.280E-08	1.060E+04
6.965E-02	1.805E-01	1.014E-07	1.939E-07	5.883E-06	3.188E-06	6.303E-13	3.342E-08	1.080E+04
5.897E-02	1.851E-01	1.634E-07	1.636E-07	3.720E-06	2.604E-06	3.358E-13	2.102E-08	1.100E+04
4.972E-02	1.882E-01	2.577E-07	1.369E-07	2.344E-06	2.106E-06	1.775E-13	1.317E-08	1.120E+04
4.179E-02	1.901E-01	3.986E-07	1.140E-07	1.471E-06	1.687E-06	9.294E-14	8.231E-09	1.140E+04
3.504E-02	1.908E-01	6.057E-07	9.439E-08	9.197E-07	1.238E-06	4.820E-14	5.139E-09	1.160E+04
2.933E-02	1.907E-01	9.060E-07	7.781E-08	5.729E-07	1.052E-06	2.475E-14	3.210E-09	1.180E+04
2.453E-02	1.898E-01	1.337E-06	6.390E-08	3.556E-07	8.205E-07	1.257E-14	2.007E-09	1.200E+04
2.051E-02	1.884E-01	1.948E-06	5.230E-08	2.200E-07	6.351E-07	6.326E-15	1.259E-09	1.220E+04
1.715E-02	1.867E-01	2.809E-06	4.268E-08	1.358E-07	4.884E-07	3.153E-15	7.917E-10	1.240E+04
1.435E-02	1.847E-01	4.013E-06	3.474E-08	8.365E-08	3.735E-07	1.559E-15	5.002E-10	1.260E+04
1.202E-02	1.828E-01	5.687E-06	2.823E-08	5.149E-08	2.845E-07	7.660E-16	3.176E-10	1.280E+04
1.009E-02	1.808E-01	7.999E-06	2.292E-08	3.171E-08	2.160E-07	3.744E-16	2.029E-10	1.300E+04
8.484E-03	1.789E-01	1.118E-05	1.859E-08	1.955E-08	1.637E-07	1.827E-16	1.305E-10	1.320E+04
7.154E-03	1.772E-01	1.552E-05	1.509E-08	1.209E-08	1.240E-07	8.908E-17	8.454E-11	1.340E+04
6.049E-03	1.756E-01	2.143E-05	1.225E-08	7.500E-09	9.391E-08	4.350E-17	5.519E-11	1.360E+04
5.130E-03	1.743E-01	2.940E-05	9.956E-09	4.677E-09	7.124E-08	2.132E-17	3.6E-11	1.380E+04
4.364E-03	1.731E-01	4.512E-05	8.107E-09	2.933E-09	5.414E-08	1.050E-17	2.7E-11	1.400E+04
3.725E-03	1.720E-01	5.442E-05	6.615E-09	1.851E-09	4.127E-08	5.211E-18	1.2E-11	1.420E+04
3.191E-03	1.711E-01	7.340E-05	5.411E-09	1.177E-09	3.155E-08	2.604E-18	1.388E-11	1.440E+04
2.742E-03	1.704E-01	9.842E-05	4.437E-09	7.537E-10	2.422E-08	1.316E-18	7.401E-12	1.460E+04
2.364E-03	1.697E-01	1.312E-04	3.649E-09	4.865E-10	1.866E-08	6.709E-19	5.077E-12	1.480E+04
2.045E-03	1.691E-01	1.739E-04	3.010E-09	3.167E-10	1.444E-08	3.457E-19	3.510E-12	1.500E+04
1.775E-03	1.686E-01	2.291E-04	2.490E-09	2.078E-10	1.122E-08	1.802E-19	2.446E-12	1.520E+04
1.545E-03	1.682E-01	3.002E-04	2.066E-09	1.375E-10	8.757E-09	7.496E-20	1.717E-12	1.540E+04
1.349E-03	1.678E-01	3.910E-04	1.719E-09	9.178E-11	6.866E-09	5.062E-20	1.214E-12	1.560E+04
1.192E-03	1.674E-01	5.064E-04	1.436E-09	6.175E-11	5.407E-09	2.730E-20	8.648E-13	1.580E+04
1.038E-03	1.670E-01	6.521E-04	1.202E-09	4.189E-11	4.276E-09	1.490E-20	6.201E-13	1.600E+04
9.142E-04	1.666E-01	8.351E-04	1.009E-09	2.864E-11	3.397E-09	8.219E-21	4.475E-13	1.620E+04
8.073E-04	1.662E-01	1.064E-03	8.100E-10	1.973E-11	2.709E-09	4.586E-21	3.249E-13	1.640E+04
7.147E-04	1.658E-01	1.347E-03	7.178E-10	1.370E-11	2.149E-09	2.587E-21	2.373E-13	1.660E+04
6.342E-04	1.653E-01	1.697E-03	6.077E-10	9.182E-12	1.744E-09	1.475E-21	1.742E-13	1.680E+04
5.639E-04	1.647E-01	2.126E-03	5.158E-10	6.748E-12	1.407E-09	8.497E-22	1.25E-13	1.700E+04
5.025E-04	1.640E-01	2.649E-03	4.388E-10	4.785E-12	1.139E-09	4.945E-22	9.53E-14	1.720E+04
4.486E-04	1.632E-01	3.283E-03	3.741E-10	3.414E-12	9.249E-10	2.905E-22	7.099E-14	1.740E+04
4.011E-04	1.622E-01	4.046E-03	3.196E-10	2.451E-12	7.533E-10	1.723E-22	5.307E-14	1.760E+04
3.592E-04	1.611E-01	4.959E-03	2.735E-10	1.770E-12	6.152E-10	1.031E-22	3.980E-14	1.780E+04
3.220E-04	1.598E-01	6.043E-03	2.344E-10	1.285E-12	5.735E-10	6.219E-23	2.994E-14	1.800E+04
2.889E-04	1.583E-01	7.323E-03	2.012E-10	9.375E-13	4.130E-10	3.782E-23	2.258E-14	1.820E+04
2.595E-04	1.565E-01	8.822E-03	1.729E-10	6.872E-13	3.393E-10	2.318E-23	1.705E-14	1.840E+04
2.331E-04	1.544E-01	1.056E-02	1.487E-10	5.058E-13	2.792E-10	1.430E-23	1.290E-14	1.860E+04
2.094E-04	1.521E-01	1.257E-02	1.279E-10	3.737E-13	2.299E-10	8.885E-24	9.767E-15	1.880E+04
1.881E-04	1.494E-01	1.436E-02	1.101E-10	2.771E-13	1.895E-10	5.552E-24	7.393E-15	1.900E+04
1.689E-04	1.463E-01	1.746E-02	9.481E-11	2.060E-13	1.562E-10	3.485E-24	5.593E-15	1.920E+04
1.515E-04	1.429E-01	2.037E-02	8.159E-11	1.535E-13	1.287E-10	2.703E-24	4.226E-15	1.940E+04
1.358E-04	1.390E-01	2.361E-02	7.018E-11	1.147E-13	1.060E-10	1.397E-24	3.187E-15	1.960E+04
1.215E-04	1.349E-01	2.716E-02	6.031E-11	8.578E-14	8.724E-11	8.899E-25	2.397E-15	1.980E+04
1.086E-04	1.303E-01	3.102E-02	5.176E-11	6.425E-14	7.173E-11	5.686E-25	1.98E-15	2.000E+04
9.683E-05	1.254E-01	3.517E-02	4.436E-11	4.815E-14	5.886E-11	3.644E-25	1.34E-15	2.020E+04
8.615E-05	1.202E-01	3.959E-02	3.796E-11	3.610E-14	4.822E-11	2.341E-25	9.93E-16	2.040E+04
7.647E-05	1.147E-01	4.423E-02	3.241E-11	2.707E-14	3.942E-11	1.597E-25	7.402E-16	2.060E+04
6.770E-05	1.089E-01	4.904E-02	2.762E-11	2.029E-14	3.215E-11	9.715E-26	5.456E-16	2.080E+04
5.978E-05	1.030E-01	5.399E-02	2.348E-11	1.521E-14	2.615E-11	6.271E-26	4.001E-16	2.100E+04
5.264E-05	9.705E-02	5.901E-02	1.991E-11	1.139E-14	2.122E-11	4.052E-26	2.919E-16	2.120E+04
4.623E-05	9.101E-02	6.405E-02	1.684E-11	8.517E-15	1.718E-11	2.620E-26	2.119E-16	2.140E+04
4.049E-05	8.498E-02	6.905E-02	1.421E-11	6.366E-15	1.386E-11	1.694E-26	1.530E-16	2.160E+04
3.537E-05	7.904E-02	7.395E-02	1.197E-11	4.752E-15	1.116E-11	1.096E-26	1.099E-16	2.180E+04
3.082E-05	7.323E-02	7.871E-02	1.005E-11	3.544E-15	8.961E-12	7.090E-27	7.858E-17	2.200E+04
2.680E-05	6.760E-02	8.328E-02	8.426E-12	2.640E-15	7.176E-12	4.585E-27	5.594E-17	2.220E+04
2.325E-05	6.219E-02	8.762E-02	7.049E-12	1.965E-15	5.732E-12	2.964E-27	3.966E-17	2.240E+04
2.013E-05	5.704E-02	9.170E-02	5.886E-12	1.460E-15	4.568E-12	1.916E-27	2.802E-17	2.260E+04
1.741E-05	5.217E-02	9.550E-02	4.908E-12	1.085E-15	3.631E-12	1.237E-27	1.974E-17	2.280E+04
1.503E-05	4.760E-02	9.899E-02	4.088E-12	8.046E-16	2.880E-12	7.984E-28	1.387E-17	2.300E+04
1.296E-05	4.333E-02	1.022E-01	3.402E-12	5.963E-16	2.280E-12	5.147E-28	9.725E-18	2.320E+04
1.117E-05	3.936E-02	1.050E-01	2.829E-12	4.415E-16	1.800E-12	3.314E-28	6.810E-18	2.340E+04
9.620E-06	3.570E-02	1.076E-01	2.351E-12	3.267E-16	1.419E-12	2.131E-28	4.764E-18	2.360E+04
8.282E-06	3.233E-02	1.098E-01	1.954E-12	2.415E-16	1.116E-12	1.368E-28	3.331E-18	2.380E+04
7.130E-06	2.924E-02	1.118E-01	1.624E-12	1.784E-16	8.756E-13	8.770E-29	2.329E-18	2.400E+04
6.138E-06	2.643E-02	1.134E-01	1.351E-12	1.316E-16	6.857E-13	5.609E-29	1.629E-18	2.420E+04
5.288E-06	2.387E-02	1.148E-01	1.124E-12	9.701E-17	5.359E-13	3.579E-29	1.140E-18	2.440E+04
4.554E-06	2.154E-02	1.159E-01	9.354E-13	7.144E-17	4.180E-13	2.278E-29	7.92E-19	2.460E+04
3.926E-06	1.943E-02	1.168E-01	7.792E-13	5.256E-17	3.253E-13	1.446E-29	5.009E-19	2.480E+04
3.386E-06	1.753E-02	1.175E-01	6.497E-13	3.862E-17	2.526E-13	9.150E-30	3.430E-19	2.500E+04

Table II. - Continued.

P/PD = 5.00E-02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.823E-11	1.760E-18	0.
2.000E+02	0.	3.386E-67	0.	0.	0.	5.084E-11	1.760E-18	0.
3.000E+02	0.	1.588E-45	1.412E-79	0.	0.	5.572E-11	1.760E-18	0.
4.000E+02	0.	1.087E-34	3.731E-62	0.	0.	5.021E-11	1.760E-18	0.
5.000E+02	0.	3.596E-28	1.097E-51	0.	0.	4.750E-11	1.760E-18	0.
6.000E+02	2.026E-92	8.150E-24	1.075E-44	0.	0.	4.550E-11	1.760E-18	0.
7.000E+02	1.063E-77	1.209E-20	9.486E-40	0.	2.070E-89	5.657E-11	1.760E-18	8.910E-83
8.000E+02	1.716E-65	1.096E-17	1.310E-36	0.	1.010E-75	9.394E-10	1.760E-18	2.187E-70
9.000E+02	1.410E-55	3.513E-15	2.293E-34	0.	1.846E-64	2.124E-08	1.760E-18	6.102E-60
1.000E+03	1.267E-47	3.611E-13	1.421E-32	0.	1.761E-55	2.636E-07	1.760E-18	1.462E-51
1.100E+03	4.158E-41	1.604E-11	4.179E-31	0.	4.761E-48	2.066E-06	1.760E-18	1.046E-44
1.200E+03	1.138E-35	3.791E-10	7.029E-30	0.	6.788E-42	1.146E-05	1.760E-18	5.357E-39
1.300E+03	4.577E-31	5.517E-09	7.698E-29	0.	1.092E-36	4.877E-05	1.760E-18	3.616E-34
1.400E+03	4.129E-27	5.481E-08	5.995E-28	0.	3.164E-32	1.683E-04	1.760E-18	4.963E-30
1.500E+03	1.112E-23	4.011E-07	3.564E-27	0.	2.325E-28	4.915E-04	1.760E-18	1.905E-26
1.600E+03	1.118E-20	2.289E-06	1.711E-26	0.	5.566E-25	1.252E-03	1.760E-18	2.577E-23
1.700E+03	2.231E-18	1.063E-05	1.537E-25	0.	2.365E-22	2.846E-03	3.993E-18	6.598E-21
1.800E+03	4.422E-17	4.188E-05	6.091E-24	0.	9.086E-21	5.877E-03	4.614E-17	1.611E-19
1.900E+03	5.114E-16	1.404E-04	2.062E-22	0.	1.880E-19	1.116E-02	5.155E-16	2.213E-18
2.000E+03	4.554E-15	4.181E-04	4.995E-21	0.	2.796E-18	1.967E-02	4.580E-15	2.262E-17
2.100E+03	3.274E-14	1.114E-03	8.975E-20	9.051E-87	3.155E-17	3.236E-02	3.255E-14	1.804E-16
2.200E+03	1.953E-13	2.690E-03	1.245E-18	1.598E-82	2.794E-16	4.990E-02	1.967E-13	1.153E-15
2.300E+03	9.866E-13	5.943E-03	1.377E-17	1.228E-78	1.990E-15	7.270E-02	9.944E-13	6.021E-15
2.400E+03	4.295E-12	1.209E-02	1.251E-16	4.573E-75	1.163E-14	9.809E-02	4.331E-12	2.603E-14
2.500E+03	1.633E-11	2.281E-02	9.547E-16	9.038E-72	5.662E-14	1.250E-01	1.647E-11	9.415E-14
2.600E+03	5.487E-11	4.005E-02	6.229E-15	1.024E-68	2.327E-13	1.494E-01	5.534E-11	2.873E-13
2.700E+03	1.644E-10	6.570E-02	3.561E-14	7.098E-66	8.160E-13	1.671E-01	1.658E-10	7.446E-13
2.800E+03	4.432E-10	1.011E-01	1.796E-13	3.185E-63	2.463E-12	1.748E-01	4.465E-10	1.648E-12
2.900E+03	1.082E-09	1.461E-01	8.117E-13	9.707E-61	6.451E-12	1.709E-01	1.088E-09	3.130E-12
3.000E+03	2.408E-09	1.981E-01	3.321E-12	2.104E-58	1.476E-11	1.561E-01	2.416E-09	5.122E-12
3.100E+03	4.911E-09	2.562E-01	1.242E-11	3.345E-56	2.970E-11	1.331E-01	4.912E-09	7.256E-12
3.200E+03	9.243E-09	3.123E-01	4.277E-11	4.028E-54	5.297E-11	1.061E-01	9.191E-09	8.963E-12
3.300E+03	1.618E-08	3.625E-01	1.366E-10	3.757E-52	9.475E-11	7.966E-02	1.593E-08	9.783E-12
3.400E+03	2.663E-08	4.034E-01	4.064E-10	2.765E-50	1.237E-10	5.688E-02	2.579E-08	9.633E-12
3.500E+03	4.176E-08	4.342E-01	1.130E-09	1.613E-48	1.681E-10	3.919E-02	3.930E-08	8.790E-12
3.600E+03	6.328E-08	4.569E-01	2.941E-09	7.562E-47	2.176E-10	2.645E-02	5.674E-08	7.652E-12
3.700E+03	9.407E-08	4.705E-01	7.153E-09	2.823E-45	2.742E-10	1.771E-02	7.789E-08	6.527E-12
3.800E+03	1.390E-07	4.804E-01	1.623E-08	8.402E-44	3.423E-10	1.189E-02	1.018E-07	5.581E-12
3.900E+03	2.064E-07	4.867E-01	3.430E-08	1.995E-42	4.301E-10	8.039E-03	1.266E-07	4.861E-12
4.000E+03	3.096E-07	4.909E-01	6.757E-08	3.901E-41	5.474E-10	5.500E-03	1.501E-07	4.353E-12
4.100E+03	4.699E-07	4.937E-01	1.247E-07	5.896E-40	7.074E-10	3.814E-03	1.704E-07	4.016E-12
4.200E+03	7.188E-07	4.956E-01	2.173E-07	7.603E-39	9.257E-10	2.682E-03	1.866E-07	3.807E-12
4.300E+03	1.103E-06	4.970E-01	3.610E-07	8.331E-38	1.221E-09	1.914E-03	1.987E-07	3.689E-12
4.400E+03	1.669E-06	4.980E-01	5.757E-07	7.914E-37	1.615E-09	1.384E-03	2.072E-07	3.635E-12
4.500E+03	2.578E-06	4.984E-01	8.868E-07	6.616E-36	2.139E-09	1.015E-03	2.125E-07	3.629E-12
4.600E+03	3.913E-06	4.990E-01	1.324E-06	4.921E-35	2.832E-09	7.539E-04	2.149E-07	3.667E-12
4.700E+03	5.916E-06	4.993E-01	1.919E-06	3.277E-34	3.749E-09	5.669E-04	2.144E-07	3.749E-12
4.800E+03	8.923E-06	4.996E-01	2.702E-06	1.962E-33	4.975E-09	4.314E-04	2.10E-07	3.883E-12
4.900E+03	1.346E-05	5.001E-01	3.693E-06	1.059E-32	6.628E-09	3.320E-04	2.045E-07	4.080E-12
5.000E+03	2.033E-05	5.006E-01	4.900E-06	5.158E-32	8.884E-09	2.584E-04	1.952E-07	4.356E-12
5.100E+03	3.080E-05	5.014E-01	6.320E-06	2.280E-31	1.199E-08	2.032E-04	1.834E-07	4.728E-12
5.200E+03	4.677E-05	5.026E-01	7.940E-06	9.204E-31	1.629E-08	1.616E-04	1.701E-07	5.214E-12
5.300E+03	7.02E-05	5.043E-01	9.755E-06	3.425E-30	2.223E-08	1.299E-04	1.562E-07	5.829E-12
5.400E+03	1.075E-04	5.069E-01	1.178E-05	1.189E-29	3.038E-08	1.057E-04	1.428E-07	6.587E-12
5.500E+03	1.615E-04	5.100E-01	1.406E-05	3.898E-29	4.145E-08	8.703E-05	1.306E-07	7.500E-12
5.600E+03	2.401E-04	5.158E-01	1.669E-05	1.222E-28	5.623E-08	7.260E-05	1.202E-07	8.575E-12
5.700E+03	3.515E-04	5.227E-01	1.979E-05	3.708E-28	7.560E-08	6.138E-05	1.120E-07	9.811E-12
5.800E+03	5.055E-04	5.315E-01	2.355E-05	1.099E-27	1.004E-07	5.259E-05	1.059E-07	1.120E-11
5.900E+03	7.124E-04	5.421E-01	2.821E-05	3.206E-27	1.315E-07	4.563E-05	1.020E-07	1.270E-11
6.000E+03	9.825E-04	5.542E-01	3.405E-05	9.251E-27	1.692E-07	4.001E-05	9.997E-08	1.428E-11
6.100E+03	1.325E-03	5.673E-01	4.144E-05	2.647E-26	2.138E-07	3.538E-05	9.965E-08	1.587E-11
6.200E+03	1.750E-03	5.807E-01	5.078E-05	7.513E-26	2.650E-07	3.145E-05	1.007E-07	1.738E-11
6.300E+03	2.264E-03	5.937E-01	6.256E-05	2.113E-25	3.220E-07	2.804E-05	1.030E-07	1.874E-11
6.400E+03	2.874E-03	6.068E-01	7.735E-05	5.880E-25	3.839E-07	2.502E-05	1.061E-07	1.986E-11
6.500E+03	3.586E-03	6.184E-01	9.580E-05	1.615E-24	4.497E-07	2.231E-05	1.099E-07	2.072E-11
6.600E+03	4.408E-03	6.254E-01	1.187E-04	4.369E-24	5.184E-07	1.987E-05	1.141E-07	2.130E-11
6.700E+03	5.348E-03	6.328E-01	1.468E-04	1.162E-23	5.890E-07	1.767E-05	1.187E-07	2.160E-11
6.800E+03	6.415E-03	6.386E-01	1.812E-04	3.035E-23	6.610E-07	1.569E-05	1.234E-07	2.167E-11
6.900E+03	7.619E-03	6.429E-01	2.230E-04	7.770E-23	7.341E-07	1.397E-05	1.286E-07	2.153E-11
7.000E+03	8.971E-03	6.461E-01	2.735E-04	1.750E-22	8.080E-07	1.237E-05	1.338E-07	2.124E-11
7.100E+03	1.048E-02	6.482E-01	3.342E-04	4.72E-22	8.826E-07	1.098E-05	1.391E-07	2.083E-11
7.200E+03	1.217E-02	6.495E-01	4.075E-04	5.21E-21	9.579E-07	9.759E-06	1.445E-07	2.033E-11
7.300E+03	1.405E-02	6.501E-01	4.929E-04	5.72E-21	1.034E-06	8.683E-06	1.499E-07	1.978E-11
7.400E+03	1.613E-02	6.501E-01	5.950E-04	6.27E-21	1.110E-06	7.736E-06	1.555E-07	1.918E-11
7.500E+03	1.843E-02	6.496E-01	7.152E-04	6.425E-20	1.187E-06	6.903E-06	1.611E-07	1.855E-11
7.600E+03	2.096E-02	6.486E-01	8.562E-04	3.188E-20	1.264E-06	6.169E-06	1.667E-07	1.791E-11
7.700E+03	2.373E-02	6.473E-01	1.021E-03	6.913E-20	1.341E-06	5.522E-06	1.725E-07	1.726E-11
7.800E+03	2.677E-02	6.456E-01	1.213E-03	1.481E-19	1.418E-06	4.951E-06	1.783E-07	1.661E-11
7.900E+03	3.007E-02	6.436E-01	1.436E-03	3.119E-19	1.495E-06	4.446E-06	1.841E-07	1.596E-11
8.000E+03	3.365E-02	6.414E-01	1.694E-03	6.460E-19	1.571E-06	3.998E-06	1.900E-07	1.532E-11
8.200E+03	4.171E-02	6.357E-01	2.333E-03	2.641E-18	1.718E-06	3.247E-06	2.019E-07	1.405E-11

Table II. - Continued.

P/PQ = 5.00E-02

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.780E-64	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.049E-39	6.000E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.353E-27	2.616E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	6.159E-20	6.421E-47	1.000E+00	0.	5.000E+02
8.490E-78	9.445E-79	0.	0.	5.465E-15	1.186E-38	1.000E+00	0.	6.000E+02
4.708E-64	4.694E-66	0.	0.	1.648E-11	6.555E-33	1.000E+00	1.172E-90	7.000E+02
6.848E-55	7.947E-59	0.	0.	1.780E-09	2.505E-30	1.000E+00	7.233E-78	8.000E+02
3.622E-46	5.185E-54	0.	0.	4.239E-08	6.282E-29	1.000E+00	9.954E-69	9.000E+02
8.489E-43	3.534E-50	0.	3.734E-86	5.271E-07	7.957E-29	1.000E+00	1.938E-61	1.000E+03
2.110E-38	4.864E-47	0.	6.368E-76	4.132E-06	6.348E-27	1.000E+00	1.784E-55	1.100E+03
9.729E-35	2.019E-44	0.	2.141E-67	2.293E-05	3.585E-26	1.000E+00	1.668E-50	1.200E+03
1.228E-31	3.333E-42	0.	3.510E-60	9.754E-05	1.552E-25	9.999E-01	2.682E-46	1.300E+03
5.602E-29	2.664E-40	0.	5.359E-54	3.367E-04	5.450E-25	9.995E-01	1.082E-42	1.400E+03
1.131E-26	1.192E-38	2.568E-95	1.224E-48	9.834E-04	1.620E-24	9.985E-01	1.442E-39	1.500E+03
1.177E-24	3.347E-37	1.109E-91	5.934E-44	2.506E-03	4.228E-24	9.962E-01	7.822E-37	1.600E+03
7.094E-23	1.432E-35	9.088E-88	3.588E-40	5.703E-03	2.215E-23	9.914E-01	2.020E-34	1.700E+03
2.711E-21	2.274E-33	8.689E-83	1.462E-37	1.179E-02	5.418E-22	9.823E-01	2.809E-32	1.800E+03
7.052E-20	2.667E-31	3.944E-78	2.508E-35	2.246E-02	1.186E-20	9.662E-01	2.315E-30	1.900E+03
1.321E-18	1.983E-29	6.402E-74	2.508E-33	3.976E-02	1.933E-19	9.402E-01	1.221E-28	2.000E+03
1.864E-17	9.862E-28	4.210E-70	1.592E-31	6.584E-02	2.418E-18	9.007E-01	4.375E-27	2.100E+03
2.048E-16	3.460E-26	1.270E-66	6.804E-30	1.025E-01	2.394E-17	8.449E-01	1.120E-25	2.200E+03
1.833E-15	9.004E-25	1.954E-63	2.051E-28	1.503E-01	1.932E-16	7.715E-01	2.130E-24	2.300E+03
1.346E-14	1.807E-23	1.682E-60	4.531E-27	2.083E-01	1.301E-15	6.816E-01	3.115E-23	2.400E+03
8.371E-14	2.87E-22	8.712E-58	7.575E-26	2.728E-01	7.461E-15	5.793E-01	3.606E-22	2.500E+03
4.476E-13	3.01E-21	2.907E-55	9.853E-25	3.388E-01	3.711E-14	4.718E-01	3.393E-21	2.600E+03
2.098E-12	4.161E-20	6.418E-53	1.023E-23	3.998E-01	1.629E-13	3.674E-01	2.662E-20	2.700E+03
8.770E-12	3.966E-19	1.083E-50	8.669E-23	4.507E-01	6.409E-13	2.735E-01	1.787E-19	2.800E+03
3.325E-11	3.356E-18	1.336E-48	6.138E-22	4.880E-01	2.299E-12	1.950E-01	1.054E-18	2.900E+03
1.162E-10	2.574E-17	1.293E-46	3.707E-21	5.113E-01	7.638E-12	1.336E-01	5.607E-18	3.000E+03
3.800E-10	1.824E-16	1.022E-44	1.950E-20	5.223E-01	2.386E-11	8.844E-02	2.763E-17	3.100E+03
1.185E-09	1.219E-15	6.791E-43	9.101E-20	5.246E-01	7.102E-11	5.694E-02	1.270E-16	3.200E+03
3.544E-09	7.739E-15	3.881E-41	3.838E-19	5.219E-01	2.033E-10	3.595E-02	5.806E-16	3.300E+03
1.024E-08	4.883E-14	1.913E-39	1.486E-18	5.172E-01	5.619E-10	2.247E-02	2.538E-15	3.400E+03
2.848E-08	2.686E-13	8.104E-38	5.350E-18	5.126E-01	1.498E-09	1.404E-02	1.077E-14	3.500E+03
7.119E-08	1.442E-12	2.915E-36	1.814E-17	5.088E-01	3.827E-09	8.831E-03	4.410E-14	3.600E+03
2.097E-07	7.207E-12	8.758E-35	5.862E-17	5.060E-01	9.296E-09	5.624E-03	1.728E-13	3.700E+03
3.018E-07	3.297E-11	2.167E-33	1.825E-16	5.041E-01	2.130E-08	3.639E-03	6.447E-13	3.800E+03
1.206E-06	1.374E-10	4.378E-32	5.524E-16	5.028E-01	4.577E-08	2.395E-03	2.283E-12	3.900E+03
2.791E-06	5.205E-10	7.221E-31	1.637E-15	5.019E-01	9.204E-08	1.605E-03	7.662E-12	4.000E+03
6.217E-06	1.800E-09	9.822E-30	4.754E-15	5.013E-01	1.737E-07	1.095E-03	2.441E-11	4.100E+03
1.336E-05	5.728E-09	1.122E-28	1.350E-14	5.009E-01	3.101E-07	7.598E-04	7.390E-11	4.200E+03
2.777E-05	1.693E-08	1.098E-27	3.738E-14	5.006E-01	5.274E-07	5.359E-04	2.132E-10	4.300E+03
5.886E-05	4.691E-08	9.378E-27	1.006E-13	5.004E-01	8.613E-07	3.839E-04	5.873E-10	4.400E+03
1.091E-04	1.226E-07	7.092E-26	2.627E-13	5.002E-01	1.358E-06	2.790E-04	1.549E-09	4.500E+03
2.080E-04	3.038E-07	4.795E-25	6.665E-13	5.000E-01	2.073E-06	2.056E-04	3.919E-09	4.600E+03
3.822E-04	7.154E-07	2.916E-24	1.646E-12	4.996E-01	3.071E-06	1.534E-04	9.538E-09	4.700E+03
6.881E-04	1.503E-06	1.600E-23	3.968E-12	4.991E-01	4.412E-06	1.159E-04	2.236E-08	4.800E+03
1.209E-03	3.620E-06	7.936E-23	9.367E-12	4.983E-01	6.146E-06	8.848E-05	5.057E-08	4.900E+03
2.074E-03	6.949E-06	3.562E-22	2.171E-11	4.970E-01	8.295E-06	6.825E-05	1.104E-07	5.000E+03
3.477E-03	1.346E-05	1.451E-21	4.949E-11	4.948E-01	1.085E-05	5.312E-05	2.329E-07	5.100E+03
5.494E-03	2.490E-05	5.392E-21	1.108E-10	4.914E-01	1.377E-05	4.167E-05	4.743E-07	5.200E+03
9.113E-03	4.413E-05	1.842E-20	2.430E-10	4.863E-01	1.701E-05	3.291E-05	9.307E-07	5.300E+03
1.422E-02	7.512E-05	5.832E-20	5.197E-10	4.785E-01	2.048E-05	2.611E-05	1.755E-06	5.400E+03
2.162E-02	1.233E-04	1.728E-19	1.078E-09	4.673E-01	2.413E-05	2.077E-05	3.168E-06	5.500E+03
3.193E-02	1.954E-04	4.832E-19	2.152E-09	4.517E-01	2.788E-05	1.652E-05	5.443E-06	5.600E+03
4.570E-02	3.000E-04	1.285E-18	4.114E-09	4.308E-01	3.165E-05	1.310E-05	8.854E-06	5.700E+03
6.321E-02	4.466E-04	3.268E-18	7.483E-09	4.042E-01	3.533E-05	1.033E-05	1.356E-05	5.800E+03
8.437E-02	6.454E-04	7.993E-18	1.290E-08	3.721E-01	3.881E-05	8.068E-06	1.949E-05	5.900E+03
1.084E-01	9.065E-04	1.888E-17	2.102E-08	3.352E-01	4.195E-05	6.219E-06	2.621E-05	6.000E+03
1.347E-01	1.240E-03	4.319E-17	3.239E-08	2.952E-01	4.461E-05	4.721E-06	3.301E-05	6.100E+03
1.616E-01	1.653E-03	9.597E-17	4.728E-08	2.542E-01	4.667E-05	3.522E-06	3.905E-05	6.200E+03
1.876E-01	2.153E-03	2.076E-16	6.562E-08	2.140E-01	4.806E-05	2.581E-06	4.360E-05	6.300E+03
2.118E-01	2.748E-03	4.377E-16	8.699E-08	1.746E-01	4.877E-05	1.859E-06	4.623E-05	6.400E+03
2.331E-01	3.442E-03	9.015E-16	1.108E-07	1.432E-01	4.882E-05	1.318E-06	4.690E-05	6.500E+03
2.512E-01	4.242E-03	1.816E-15	1.363E-07	1.144E-01	4.829E-05	9.231E-07	4.584E-05	6.600E+03
2.660E-01	5.155E-03	3.580E-15	1.628E-07	9.043E-02	4.731E-05	6.401E-07	4.347E-05	6.700E+03
2.777E-01	6.188E-03	6.919E-15	1.898E-07	7.088E-02	4.597E-05	4.410E-07	4.025E-05	6.800E+03
2.865E-01	7.352E-03	1.312E-14	2.170E-07	5.526E-02	4.439E-05	3.027E-07	3.659E-05	6.900E+03
2.930E-01	8.655E-03	2.442E-14	2.444E-07	4.295E-02	4.266E-05	2.076E-07	3.281E-05	7.000E+03
2.974E-01	1.011E-02	4.468E-14	2.708E-07	3.334E-02	4.086E-05	1.425E-07	2.912E-05	7.100E+03
3.025E-01	1.173E-02	8.037E-14	2.972E-07	2.590E-02	3.903E-05	9.802E-08	2.565E-05	7.200E+03
3.016E-01	1.352E-02	1.424E-13	3.232E-07	2.014E-02	3.721E-05	6.770E-08	2.248E-05	7.300E+03
3.019E-01	1.550E-02	2.483E-13	3.488E-07	1.570E-02	3.544E-05	4.696E-08	1.962E-05	7.400E+03
3.013E-01	1.768E-02	4.268E-13	3.737E-07	1.227E-02	3.372E-05	3.274E-08	1.708E-05	7.500E+03
2.998E-01	2.007E-02	7.233E-13	3.980E-07	9.613E-03	3.206E-05	2.294E-08	1.484E-05	7.600E+03
2.977E-01	2.268E-02	1.209E-12	4.215E-07	7.557E-03	3.047E-05	1.617E-08	1.287E-05	7.700E+03
2.949E-01	2.552E-02	1.996E-12	4.41E-07	5.959E-03	2.895E-05	1.145E-08	1.116E-05	7.800E+03
2.915E-01	2.861E-02	3.253E-12	4.657E-07	4.714E-03	2.750E-05	8.151E-09	9.657E-06	7.900E+03
2.877E-01	3.194E-02	5.239E-12	4.860E-07	3.739E-03	2.611E-05	5.832E-09	8.351E-06	8.000E+03
2.785E-01	3.936E-02	1.313E-11	5.222E-07	2.372E-03	2.353E-05	3.028E-09	6.227E-06	8.200E+03

Table II. - Continued.

T	E-	D	D+	D++	D-	D2	D2+	D2-
8.400E+03	5.099E-02	6.290E-01	3.173E-03	1.017E-17	1.858E-06	2.650E-06	2.140E-07	1.281E-11
8.600E+03	6.153E-02	6.210E-01	4.266E-03	3.707E-17	1.986E-06	2.172E-06	2.262E-07	1.161E-11
8.800E+03	7.332E-02	6.119E-01	5.675E-03	1.284E-16	2.109E-06	1.787E-06	2.386E-07	1.046E-11
9.000E+03	8.631E-02	6.015E-01	7.476E-03	4.246E-16	2.193E-06	1.474E-06	2.510E-07	9.356E-12
9.200E+03	1.004E-01	5.899E-01	9.759E-03	1.344E-15	2.267E-06	1.216E-06	2.634E-07	8.306E-12
9.400E+03	1.155E-01	5.770E-01	1.263E-02	4.086E-15	2.317E-06	1.008E-06	2.757E-07	7.315E-12
9.600E+03	1.314E-01	5.628E-01	1.622E-02	1.196E-14	2.343E-06	8.339E-07	2.877E-07	6.388E-12
9.800E+03	1.480E-01	5.473E-01	2.066E-02	3.380E-14	2.344E-06	6.899E-07	2.993E-07	5.530E-12
1.000E+04	1.650E-01	5.305E-01	2.611E-02	9.229E-14	2.321E-06	5.699E-07	3.099E-07	4.743E-12
1.020E+04	1.825E-01	5.123E-01	3.273E-02	2.437E-13	2.274E-06	4.696E-07	3.192E-07	4.029E-12
1.040E+04	2.001E-01	4.926E-01	4.065E-02	6.229E-13	2.207E-06	3.855E-07	3.264E-07	3.388E-12
1.060E+04	2.179E-01	4.714E-01	4.999E-02	1.541E-12	2.120E-06	3.148E-07	3.310E-07	2.819E-12
1.080E+04	2.358E-01	4.486E-01	6.084E-02	3.688E-12	2.017E-06	2.552E-07	3.320E-07	2.318E-12
1.100E+04	2.538E-01	4.243E-01	7.319E-02	8.543E-12	1.901E-06	2.052E-07	3.290E-07	1.882E-12
1.120E+04	2.718E-01	3.985E-01	8.699E-02	1.915E-11	1.773E-06	1.633E-07	3.214E-07	1.507E-12
1.140E+04	2.897E-01	3.714E-01	1.021E-01	4.158E-11	1.630E-06	1.284E-07	3.091E-07	1.189E-12
1.160E+04	3.076E-01	3.434E-01	1.182E-01	8.743E-11	1.495E-06	9.972E-08	2.923E-07	9.229E-13
1.180E+04	3.251E-01	3.148E-01	1.351E-01	1.793E-10	1.350E-06	7.635E-08	2.716E-07	7.044E-13
1.200E+04	3.423E-01	2.860E-01	1.525E-01	3.530E-10	1.205E-06	5.760E-08	2.480E-07	5.282E-13
1.220E+04	3.589E-01	2.575E-01	1.699E-01	6.797E-10	1.064E-06	4.281E-08	2.224E-07	3.890E-13
1.240E+04	3.747E-01	2.294E-01	1.870E-01	1.274E-09	9.283E-07	3.135E-08	1.960E-07	2.814E-13
1.260E+04	3.895E-01	2.025E-01	2.035E-01	2.329E-09	8.009E-07	2.263E-08	1.700E-07	2.000E-13
1.280E+04	4.033E-01	1.787E-01	2.191E-01	4.159E-09	6.836E-07	1.612E-08	1.452E-07	1.398E-13
1.300E+04	4.159E-01	1.568E-01	2.336E-01	7.264E-09	5.777E-07	1.134E-08	1.223E-07	9.629E-14
1.320E+04	4.273E-01	1.350E-01	2.468E-01	1.243E-08	4.838E-07	7.895E-09	1.017E-07	6.541E-14
1.340E+04	4.375E-01	1.163E-01	2.588E-01	2.086E-08	4.021E-07	5.448E-09	8.370E-08	4.392E-14
1.360E+04	4.464E-01	9.972E-02	2.693E-01	3.438E-08	3.319E-07	3.733E-09	6.827E-08	2.921E-14
1.380E+04	4.542E-01	8.521E-02	2.786E-01	5.572E-08	2.725E-07	2.544E-09	5.529E-08	1.929E-14
1.400E+04	4.610E-01	7.262E-02	2.867E-01	8.890E-08	2.228E-07	1.728E-09	4.453E-08	1.267E-14
1.420E+04	4.668E-01	6.179E-02	2.937E-01	1.398E-07	1.816E-07	1.172E-09	3.572E-08	8.294E-15
1.440E+04	4.718E-01	5.261E-02	2.996E-01	2.167E-07	1.477E-07	7.942E-10	2.858E-08	5.422E-15
1.460E+04	4.760E-01	4.462E-02	3.047E-01	3.316E-07	1.201E-07	5.389E-10	2.283E-08	3.544E-15
1.480E+04	4.796E-01	3.793E-02	3.090E-01	5.012E-07	9.757E-08	3.664E-10	1.823E-08	2.320E-15
1.500E+04	4.827E-01	3.226E-02	3.126E-01	7.487E-07	7.932E-08	2.500E-10	1.456E-08	1.523E-15
1.520E+04	4.852E-01	2.748E-02	3.157E-01	1.106E-06	6.455E-08	1.712E-10	1.165E-08	1.003E-15
1.540E+04	4.874E-01	2.344E-02	3.183E-01	1.617E-06	5.262E-08	1.177E-10	9.333E-09	6.634E-16
1.560E+04	4.893E-01	2.003E-02	3.204E-01	2.341E-06	4.297E-08	8.138E-11	7.495E-09	4.409E-16
1.580E+04	4.909E-01	1.716E-02	3.222E-01	3.356E-06	3.517E-08	5.655E-11	6.034E-09	2.946E-16
1.600E+04	4.923E-01	1.472E-02	3.238E-01	4.768E-06	2.886E-08	3.952E-11	4.871E-09	1.980E-16
1.620E+04	4.934E-01	1.267E-02	3.250E-01	6.714E-06	2.374E-08	2.777E-11	3.944E-09	1.338E-16
1.640E+04	4.945E-01	1.092E-02	3.261E-01	9.375E-06	1.958E-08	1.963E-11	3.204E-09	9.103E-17
1.660E+04	4.954E-01	9.442E-03	3.270E-01	1.298E-05	1.620E-08	1.396E-11	2.611E-09	6.229E-17
1.680E+04	4.962E-01	8.182E-03	3.277E-01	1.785E-05	1.344E-08	9.987E-12	2.135E-09	4.290E-17
1.700E+04	4.970E-01	7.107E-03	3.282E-01	2.434E-05	1.119E-08	7.187E-12	1.751E-09	2.972E-17
1.720E+04	4.977E-01	6.189E-03	3.287E-01	3.296E-05	9.336E-09	5.201E-12	1.442E-09	2.073E-17
1.740E+04	4.984E-01	5.403E-03	3.290E-01	4.432E-05	7.815E-09	3.786E-12	1.190E-09	1.454E-17
1.760E+04	4.990E-01	4.728E-03	3.292E-01	5.918E-05	6.562E-09	2.772E-12	9.861E-10	1.026E-17
1.780E+04	4.997E-01	4.148E-03	3.293E-01	7.851E-05	5.125E-09	2.041E-12	8.195E-10	7.289E-18
1.800E+04	5.005E-01	3.647E-03	3.293E-01	1.035E-04	4.666E-09	1.510E-12	6.931E-10	5.207E-18
1.820E+04	5.012E-01	3.214E-03	3.292E-01	1.355E-04	3.952E-09	1.124E-12	5.711E-10	3.741E-18
1.840E+04	5.021E-01	2.839E-03	3.289E-01	1.764E-04	3.357E-09	8.407E-13	4.788E-10	2.704E-18
1.860E+04	5.030E-01	2.513E-03	3.286E-01	2.283E-04	2.860E-09	6.321E-13	4.026E-10	1.965E-18
1.880E+04	5.040E-01	2.229E-03	3.281E-01	2.936E-04	2.443E-09	4.775E-13	3.394E-10	1.436E-18
1.900E+04	5.052E-01	1.982E-03	3.275E-01	3.755E-04	2.092E-09	3.625E-13	2.869E-10	1.055E-18
1.920E+04	5.064E-01	1.765E-03	3.268E-01	4.775E-04	1.797E-09	2.764E-13	2.430E-10	7.794E-19
1.940E+04	5.078E-01	1.575E-03	3.259E-01	6.038E-04	1.547E-09	2.118E-13	2.064E-10	5.786E-19
1.960E+04	5.094E-01	1.409E-03	3.249E-01	7.593E-04	1.336E-09	1.629E-13	1.756E-10	4.317E-19
1.980E+04	5.111E-01	1.262E-03	3.237E-01	9.498E-04	1.156E-09	1.259E-13	1.498E-10	3.236E-19
2.000E+04	5.130E-01	1.132E-03	3.224E-01	1.182E-03	1.003E-09	9.762E-14	1.280E-10	2.437E-19
2.020E+04	5.150E-01	1.018E-03	3.208E-01	1.463E-03	8.724E-10	7.600E-14	1.095E-10	1.844E-19
2.040E+04	5.172E-01	9.165E-04	3.191E-01	1.802E-03	7.603E-10	5.939E-14	9.391E-11	1.401E-19
2.060E+04	5.196E-01	8.264E-04	3.172E-01	2.208E-03	6.641E-10	4.656E-14	8.063E-11	1.069E-19
2.080E+04	5.221E-01	7.462E-04	3.151E-01	2.694E-03	5.812E-10	3.662E-14	6.933E-11	8.183E-20
2.100E+04	5.248E-01	6.747E-04	3.129E-01	3.270E-03	5.096E-10	2.889E-14	5.909E-11	6.288E-20
2.120E+04	5.275E-01	6.107E-04	3.104E-01	3.951E-03	4.476E-10	2.286E-14	5.145E-11	4.848E-20
2.140E+04	5.304E-01	5.535E-04	3.078E-01	4.753E-03	3.937E-10	1.813E-14	4.439E-11	3.749E-20
2.160E+04	5.333E-01	5.021E-04	3.049E-01	5.693E-03	3.469E-10	1.442E-14	3.833E-11	2.908E-20
2.180E+04	5.364E-01	4.560E-04	3.018E-01	6.790E-03	3.060E-10	1.149E-14	3.312E-11	2.261E-20
2.200E+04	5.394E-01	4.143E-04	2.986E-01	8.063E-03	2.702E-10	9.168E-15	2.862E-11	1.761E-20
2.220E+04	5.426E-01	3.768E-04	2.950E-01	9.536E-03	2.388E-10	7.330E-15	2.475E-11	1.375E-20
2.240E+04	5.457E-01	3.428E-04	2.913E-01	1.123E-02	2.113E-10	5.867E-15	2.140E-11	1.075E-20
2.260E+04	5.489E-01	3.120E-04	2.873E-01	1.317E-02	1.870E-10	4.701E-15	1.849E-11	8.417E-21
2.280E+04	5.521E-01	2.840E-04	2.830E-01	1.538E-02	1.656E-10	3.769E-15	1.597E-11	6.595E-21
2.300E+04	5.553E-01	2.585E-04	2.784E-01	1.789E-02	1.467E-10	3.023E-15	1.379E-11	5.171E-21
2.320E+04	5.585E-01	2.353E-04	2.734E-01	2.072E-02	1.299E-10	2.424E-15	1.188E-11	4.055E-21
2.340E+04	5.617E-01	2.141E-04	2.681E-01	2.388E-02	1.151E-10	1.943E-15	1.023E-11	3.179E-21
2.360E+04	5.650E-01	1.947E-04	2.624E-01	2.741E-02	1.019E-10	1.556E-15	8.783E-12	2.491E-21
2.380E+04	5.683E-01	1.769E-04	2.563E-01	3.131E-02	9.016E-11	1.240E-15	7.526E-12	1.950E-21
2.400E+04	5.716E-01	1.606E-04	2.498E-01	3.559E-02	7.973E-11	9.938E-16	6.430E-12	1.524E-21
2.420E+04	5.750E-01	1.457E-04	2.429E-01	4.026E-02	7.045E-11	7.919E-16	5.476E-12	1.189E-21
2.440E+04	5.785E-01	1.319E-04	2.356E-01	4.531E-02	6.218E-11	6.294E-16	4.647E-12	9.255E-22
2.460E+04	5.819E-01	1.193E-04	2.279E-01	5.073E-02	5.480E-11	4.987E-16	3.928E-12	7.185E-22
2.480E+04	5.855E-01	1.077E-04	2.197E-01	5.650E-02	4.823E-11	3.939E-16	3.306E-12	5.561E-22
2.500E+04	5.891E-01	9.701E-05	2.113E-01	6.260E-02	4.238E-11	3.100E-16	2.770E-12	4.290E-22

Table II. - Continued.

C	C+	C++	C-	CL	CL+	CL2	C2	T
2.675E-01	4.730E-02	3.149E-11	5.51E-07	1.520E-03	2.110E-05	1.598E-09	4.620E-06	8.400E+03
2.649E-01	3.125E-02	7.255E-11	5.715E-07	9.813E-04	1.899E-05	8.556E-10	3.406E-06	8.600E+03
2.400E-01	6.103E-02	1.605E-10	5.821E-07	6.375E-04	1.699E-05	4.635E-10	2.440E-06	8.800E+03
2.254E-01	7.882E-02	3.442E-10	5.821E-07	4.159E-04	1.514E-05	2.534E-10	1.303E-06	9.000E+03
2.090E-01	9.064E-02	7.119E-10	5.714E-07	2.721E-04	1.343E-05	1.395E-10	1.291E-06	9.200E+03
1.919E-01	1.029E-01	1.420E-09	5.504E-07	1.782E-04	1.185E-05	7.718E-11	4.125E-07	9.400E+03
1.743E-01	1.152E-01	2.705E-09	5.203E-07	1.107E-04	1.040E-05	4.282E-11	6.360E-07	9.600E+03
1.500E-01	1.273E-01	5.223E-09	4.829E-07	7.629E-05	9.055E-06	2.379E-11	4.369E-07	9.800E+03
1.394E-01	1.394E-01	9.575E-09	4.404E-07	4.978E-05	7.829E-06	1.321E-11	4.958E-07	1.000E+04
1.220E-01	1.497E-01	1.708E-09	3.950E-07	3.240E-05	6.714E-06	7.322E-12	1.975E-07	1.020E+04
1.072E-01	1.595E-01	2.909E-09	3.490E-07	2.102E-05	5.710E-06	4.047E-12	1.302E-07	1.040E+04
9.277E-02	1.67E-01	5.032E-08	3.043E-07	1.359E-05	4.812E-06	2.228E-12	8.485E-08	1.060E+04
7.975E-02	1.75E-01	8.326E-08	2.622E-07	8.759E-06	4.019E-06	1.220E-12	5.477E-08	1.080E+04
6.815E-02	1.806E-01	1.346E-07	2.238E-07	5.625E-06	3.325E-06	6.645E-13	3.510E-08	1.100E+04
5.795E-02	1.898E-01	2.131E-07	1.895E-07	3.600E-06	2.725E-06	3.593E-13	2.236E-08	1.120E+04
4.909E-02	1.977E-01	3.307E-07	1.593E-07	2.296E-06	2.212E-06	1.927E-13	1.420E-08	1.140E+04
4.140E-02	1.893E-01	5.038E-07	1.332E-07	1.459E-06	1.779E-06	1.725E-13	8.995E-09	1.160E+04
3.494E-02	1.900E-01	7.551E-07	1.108E-07	9.235E-07	1.419E-06	5.398E-14	5.654E-09	1.180E+04
2.940E-02	1.890E-01	1.115E-06	9.182E-08	5.827E-07	1.122E-06	2.816E-14	3.606E-09	1.200E+04
2.472E-02	1.890E-01	1.026E-06	7.576E-08	3.664E-07	8.798E-07	1.455E-14	2.287E-09	1.220E+04
2.078E-02	1.897E-01	2.342E-06	6.234E-08	2.297E-07	6.654E-07	7.448E-15	1.453E-09	1.240E+04
1.747E-02	1.890E-01	3.342E-06	5.114E-08	1.437E-07	5.307E-07	3.780E-15	9.267E-10	1.260E+04
1.409E-02	1.842E-01	4.726E-06	4.186E-08	8.977E-08	4.089E-07	1.904E-15	5.933E-10	1.280E+04
1.238E-02	1.843E-01	6.631E-06	3.420E-08	5.603E-08	3.138E-07	9.537E-16	3.818E-10	1.300E+04
1.044E-02	1.800E-01	9.240E-06	2.792E-08	3.499E-08	2.401E-07	4.756E-16	2.470E-10	1.320E+04
8.826E-03	1.787E-01	1.279E-05	2.217E-08	2.188E-08	1.834E-07	2.367E-16	1.609E-10	1.340E+04
7.479E-03	1.770E-01	1.760E-05	1.658E-08	1.372E-08	1.400E-07	1.177E-16	1.055E-10	1.360E+04
6.344E-03	1.755E-01	2.400E-05	1.517E-08	8.634E-09	1.069E-07	5.866E-17	6.966E-11	1.380E+04
5.414E-03	1.742E-01	3.277E-05	1.240E-08	5.460E-09	8.176E-08	2.932E-17	4.636E-11	1.400E+04
4.627E-03	1.731E-01	4.434E-05	1.015E-08	3.469E-09	6.263E-08	1.473E-17	3.110E-11	1.420E+04
3.967E-03	1.720E-01	5.900E-05	8.321E-09	2.219E-09	4.810E-08	7.451E-18	2.103E-11	1.440E+04
3.412E-03	1.712E-01	7.983E-05	6.840E-09	1.420E-09	3.705E-08	3.797E-18	1.433E-11	1.460E+04
2.944E-03	1.704E-01	1.062E-04	5.636E-09	9.262E-10	2.864E-08	1.952E-18	9.842E-12	1.480E+04
2.548E-03	1.698E-01	1.406E-04	4.656E-09	6.051E-10	2.222E-08	1.013E-18	6.813E-12	1.500E+04
2.213E-03	1.692E-01	1.800E-04	3.85E-09	3.984E-10	1.731E-08	5.311E-19	4.752E-12	1.520E+04
1.927E-03	1.687E-01	2.420E-04	3.235E-09	2.644E-10	1.354E-08	2.813E-19	3.340E-12	1.540E+04
1.684E-03	1.682E-01	3.150E-04	2.671E-09	1.769E-10	1.063E-08	1.506E-19	2.364E-12	1.560E+04
1.475E-03	1.678E-01	4.076E-04	2.232E-09	1.192E-10	8.384E-09	8.155E-20	1.695E-12	1.580E+04
1.290E-03	1.674E-01	5.247E-04	1.870E-09	8.103E-11	6.640E-09	4.463E-20	1.209E-12	1.600E+04
1.142E-03	1.670E-01	6.717E-04	1.572E-09	5.500E-11	5.281E-09	2.470E-20	8.732E-13	1.620E+04
1.009E-03	1.658E-01	8.552E-04	1.325E-09	3.300E-11	4.217E-09	1.362E-20	6.346E-13	1.640E+04
8.938E-04	1.650E-01	1.083E-03	1.120E-09	2.662E-11	3.380E-09	7.811E-21	4.639E-13	1.660E+04
7.935E-04	1.648E-01	1.365E-03	9.485E-10	1.864E-11	2.720E-09	4.463E-21	3.410E-13	1.680E+04
7.001E-04	1.635E-01	1.710E-03	8.057E-10	1.315E-11	2.197E-09	2.576E-21	2.519E-13	1.700E+04
6.296E-04	1.647E-01	2.132E-03	6.859E-10	9.333E-12	1.781E-09	1.502E-21	1.871E-13	1.720E+04
5.625E-04	1.640E-01	2.644E-03	5.853E-10	6.669E-12	1.448E-09	8.830E-22	1.395E-13	1.740E+04
5.035E-04	1.632E-01	3.262E-03	5.005E-10	4.794E-12	1.181E-09	5.251E-22	1.045E-13	1.760E+04
4.514E-04	1.623E-01	4.003E-03	4.288E-10	3.467E-12	9.659E-10	3.147E-22	7.87E-14	1.780E+04
4.022E-04	1.612E-01	4.887E-03	3.680E-10	2.521E-12	7.920E-10	1.903E-22	5.928E-14	1.800E+04
3.642E-04	1.600E-01	5.933E-03	3.163E-10	1.843E-12	6.510E-10	1.160E-22	4.485E-14	1.820E+04
3.277E-04	1.585E-01	7.163E-03	2.723E-10	1.354E-12	5.361E-10	7.124E-23	3.401E-14	1.840E+04
2.950E-04	1.568E-01	8.600E-03	2.346E-10	9.990E-13	4.423E-10	4.408E-23	2.584E-14	1.860E+04
2.657E-04	1.548E-01	1.027E-02	2.023E-10	7.402E-13	3.653E-10	2.746E-23	1.966E-14	1.880E+04
2.394E-04	1.525E-01	1.218E-02	1.746E-10	5.504E-13	3.021E-10	1.722E-23	1.496E-14	1.900E+04
2.156E-04	1.499E-01	1.437E-02	1.508E-10	4.107E-13	2.500E-10	1.086E-23	139E-14	1.920E+04
1.942E-04	1.470E-01	1.684E-02	1.302E-10	3.073E-13	2.069E-10	6.887E-24	72E-15	1.940E+04
1.747E-04	1.438E-01	1.961E-02	1.124E-10	2.305E-13	1.713E-10	4.389E-24	4E-15	1.960E+04
1.571E-04	1.401E-01	2.269E-02	9.696E-11	1.733E-13	1.417E-10	2.809E-24	2E-15	1.980E+04
1.411E-04	1.361E-01	2.607E-02	8.360E-11	1.305E-13	1.172E-10	1.805E-24	5E-15	2.000E+04
1.265E-04	1.318E-01	2.975E-02	7.201E-11	9.830E-14	9.675E-11	1.164E-24	2.864E-15	2.020E+04
1.132E-04	1.271E-01	3.371E-02	6.195E-11	7.421E-14	7.980E-11	7.528E-25	2.156E-15	2.040E+04
1.011E-04	1.221E-01	3.793E-02	5.321E-11	5.602E-14	6.570E-11	4.881E-25	1.617E-15	2.060E+04
9.011E-05	1.168E-01	4.238E-02	4.562E-11	4.230E-14	5.399E-11	3.171E-25	1.208E-15	2.080E+04
8.012E-05	1.113E-01	4.701E-02	3.904E-11	3.194E-14	4.427E-11	2.064E-25	8.985E-16	2.100E+04
7.107E-05	1.056E-01	5.179E-02	3.334E-11	2.410E-14	3.622E-11	1.345E-25	6.650E-16	2.120E+04
6.267E-05	9.982E-02	5.65E-02	2.840E-11	1.818E-14	2.957E-11	8.775E-26	4.898E-16	2.140E+04
5.548E-05	9.393E-02	6.156E-02	2.415E-11	1.370E-14	2.407E-11	5.729E-26	3.590E-16	2.160E+04
4.844E-05	8.804E-02	6.646E-02	2.048E-11	1.032E-14	1.955E-11	3.742E-26	2.618E-16	2.180E+04
4.288E-05	8.219E-02	7.128E-02	1.733E-11	7.762E-15	1.583E-11	2.444E-26	1.900E-16	2.200E+04
3.755E-05	7.645E-02	7.600E-02	1.463E-11	5.833E-15	1.279E-11	1.597E-26	1.373E-16	2.220E+04
3.262E-05	7.045E-02	8.055E-02	1.233E-11	4.379E-15	1.031E-11	1.043E-26	9.878E-17	2.240E+04
2.862E-05	6.544E-02	8.491E-02	1.037E-11	3.284E-15	8.289E-12	6.813E-27	7.078E-17	2.260E+04
2.491E-05	6.000E-02	8.903E-02	8.704E-12	2.460E-15	6.648E-12	4.447E-27	5.054E-17	2.280E+04
2.165E-05	5.534E-02	9.289E-02	7.296E-12	1.841E-15	5.319E-12	2.902E-27	3.597E-17	2.300E+04
1.879E-05	5.008E-02	9.647E-02	6.108E-12	1.376E-15	4.247E-12	1.892E-27	2.554E-17	2.320E+04
1.628E-05	4.631E-02	9.977E-02	5.108E-12	1.028E-15	3.383E-12	1.232E-27	1.809E-17	2.340E+04
1.410E-05	4.224E-02	1.028E-01	4.269E-12	7.671E-16	2.689E-12	8.017E-28	1.274E-17	2.360E+04
1.220E-05	3.845E-02	1.054E-01	3.565E-12	5.719E-16	2.133E-12	5.210E-28	9.034E-18	2.380E+04
1.055E-05	3.495E-02	1.078E-01	2.977E-12	4.260E-16	1.689E-12	3.381E-28	6.376E-18	2.400E+04
9.123E-06	3.172E-02	1.099E-01	2.486E-12	3.164E-16	1.334E-12	2.190E-28	4.499E-18	2.420E+04
7.884E-06	2.870E-02	1.117E-01	2.076E-12	2.356E-16	1.052E-12	1.416E-28	3.174E-18	2.440E+04
6.821E-06	2.606E-02	1.133E-01	1.734E-12	1.751E-16	8.275E-13	9.137E-29	2.241E-18	2.460E+04
5.900E-06	2.359E-02	1.146E-01	1.449E-12	1.299E-16	6.447E-13	5.682E-29	1.583E-18	2.480E+04
5.105E-06	2.135E-02	1.156E-01	1.212E-12	9.634E-17	2E-13	3.777E-29	1.120E-18	2.500E+04



Table II. - Continued.

P/PO = 6.00E-02

T	F-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.445E-11	1.760E-18	0.
2.000E+02	0.	3.177E-67	0.	0.	0.	5.369E-11	1.760E-18	0.
3.000E+02	0.	1.439E-45	1.298E-79	0.	0.	5.494E-11	1.760E-18	0.
4.000E+02	0.	1.313E-34	3.346E-62	0.	0.	5.204E-11	1.760E-18	0.
5.000E+02	0.	3.310E-28	9.928E-52	0.	0.	4.829E-11	1.760E-18	0.
6.000E+02	1.755E-92	7.585E-24	9.609E-45	0.	0.	4.729E-11	1.760E-18	0.
7.000E+02	8.429E-78	1.077E-20	8.870E-40	0.	1.733E-9	5.392E-11	1.760E-18	8.092E-83
8.000E+02	1.349E-65	9.715E-18	1.231E-36	0.	8.445E-76	8.857E-10	1.760E-18	1.944E-70
9.000E+02	1.105E-55	3.111E-15	2.158E-34	0.	1.538E-64	1.999E-08	1.760E-18	5.425E-60
1.000E+03	9.932E-48	3.198E-13	1.337E-32	0.	1.634E-55	2.481E-07	1.760E-18	1.297E-51
1.100E+03	3.261E-41	1.420E-11	3.932E-31	0.	3.956E-48	1.944E-06	1.760E-18	9.259E-45
1.200E+03	8.923E-36	3.357E-10	6.614E-30	0.	5.657E-42	1.079E-05	1.760E-18	4.744E-39
1.300E+03	3.605E-31	4.886E-09	7.235E-29	0.	9.101E-37	4.589E-05	1.760E-18	3.202E-34
1.400E+03	3.238E-27	4.854E-08	5.641E-28	0.	2.637E-32	1.584E-04	1.760E-18	4.386E-30
1.500E+03	8.723E-24	3.562E-07	3.354E-27	0.	1.938E-28	4.625E-04	1.760E-18	1.687E-26
1.600E+03	8.780E-21	2.027E-06	1.608E-26	0.	4.646E-25	1.178E-03	1.767E-18	2.286E-23
1.700E+03	1.905E-18	9.419E-06	1.329E-25	0.	2.147E-22	2.679E-03	3.668E-18	3.667E-21
1.800E+03	3.907E-17	3.684E-05	5.094E-24	0.	8.534E-21	5.535E-03	4.098E-17	1.609E-19
1.900E+03	4.530E-16	1.245E-04	1.719E-22	0.	1.771E-19	1.052E-02	4.571E-16	2.217E-18
2.000E+03	4.037E-15	3.707E-04	4.159E-21	0.	2.637E-18	1.856E-02	4.064E-15	2.271E-17
2.100E+03	2.905E-14	9.890E-04	7.483E-20	7.059E-87	2.982E-17	3.060E-02	2.926E-14	1.917E-16
2.200E+03	1.735E-13	2.392E-03	1.038E-18	1.249E-82	2.648E-16	4.732E-02	1.749E-13	1.166E-15
2.300E+03	8.784E-13	5.293E-03	1.148E-17	9.583E-79	1.894E-15	6.875E-02	8.862E-13	6.125E-15
2.400E+03	3.834E-12	1.080E-02	1.043E-16	3.559E-75	1.113E-14	9.391E-02	3.871E-12	2.669E-14
2.500E+03	1.463E-11	2.045E-02	7.960E-16	7.010E-72	5.457E-14	1.206E-01	1.478E-11	9.761E-14
2.600E+03	4.938E-11	3.606E-02	5.193E-15	7.904E-69	2.263E-13	1.453E-01	4.987E-11	3.020E-13
2.700E+03	1.488E-10	5.950E-02	2.969E-14	5.450E-66	8.025E-13	1.644E-01	1.502E-10	7.958E-13
2.800E+03	4.038E-10	9.213E-02	1.498E-13	2.422E-63	2.455E-12	1.744E-01	4.073E-10	1.797E-12
2.900E+03	9.936E-10	1.343E-01	6.768E-13	7.352E-61	6.533E-12	1.732E-01	1.001E-09	3.495E-12
3.000E+03	2.231E-09	1.846E-01	2.769E-12	1.578E-58	1.522E-11	1.611E-01	2.243E-09	5.883E-12
3.100E+03	4.599E-09	2.401E-01	1.036E-11	2.483E-56	3.127E-11	1.403E-01	4.607E-09	8.593E-12
3.200E+03	8.750E-09	2.960E-01	3.568E-11	2.958E-54	5.703E-11	1.144E-01	8.720E-09	1.098E-11
3.300E+03	1.549E-08	3.475E-01	1.140E-10	2.728E-52	9.330E-11	8.784E-02	1.530E-08	1.239E-11
3.400E+03	2.573E-08	3.908E-01	3.395E-10	1.993E-50	1.389E-10	6.405E-02	2.505E-08	1.258E-11
3.500E+03	4.062E-08	4.244E-01	9.461E-10	1.157E-48	1.918E-10	4.492E-02	3.859E-08	1.176E-11
3.600E+03	6.178E-08	4.487E-01	2.470E-09	5.423E-47	2.509E-10	3.074E-02	5.629E-08	1.042E-11
3.700E+03	9.178E-08	4.665E-01	6.043E-09	2.037E-45	3.175E-10	2.079E-02	7.810E-08	8.971E-12
3.800E+03	1.350E-07	4.768E-01	1.382E-08	6.140E-44	3.962E-10	1.405E-02	1.032E-07	7.688E-12
3.900E+03	1.988E-07	4.842E-01	2.952E-08	1.485E-42	4.947E-10	9.548E-03	1.301E-07	6.674E-12
4.000E+03	2.953E-07	4.892E-01	5.883E-08	2.892E-41	6.242E-10	6.553E-03	1.562E-07	5.936E-12
4.100E+03	4.435E-07	4.925E-01	1.098E-07	4.586E-40	7.992E-10	4.554E-03	1.796E-07	5.432E-12
4.200E+03	6.720E-07	4.947E-01	1.934E-07	6.030E-39	1.037E-09	3.208E-03	1.989E-07	5.108E-12
4.300E+03	1.023E-06	4.963E-01	3.239E-07	6.716E-38	1.357E-09	2.291E-03	2.137E-07	4.915E-12
4.400E+03	1.557E-06	4.973E-01	5.201E-07	6.464E-37	1.785E-09	1.658E-03	2.244E-07	4.815E-12
4.500E+03	2.363E-06	4.981E-01	8.057E-07	5.465E-36	2.351E-09	1.216E-03	2.315E-07	4.784E-12
4.600E+03	3.568E-06	4.986E-01	1.209E-06	4.107E-35	3.097E-09	9.037E-04	2.354E-07	4.910E-12
4.700E+03	5.365E-06	4.990E-01	1.763E-06	2.766E-34	4.079E-09	6.797E-04	2.342E-07	4.892E-12
4.800E+03	8.042E-06	4.994E-01	2.497E-06	1.67E-33	5.378E-09	5.173E-04	2.339E-07	5.036E-12
4.900E+03	1.204E-05	4.998E-01	3.437E-06	9.175E-33	7.115E-09	3.981E-04	2.283E-07	5.253E-12
5.000E+03	1.805E-05	5.003E-01	4.598E-06	4.543E-32	9.459E-09	3.097E-04	2.196E-07	5.563E-12
5.100E+03	2.711E-05	5.010E-01	5.979E-06	2.042E-31	1.266E-08	2.435E-04	2.081E-07	5.984E-12
5.200E+03	4.083E-05	5.020E-01	7.572E-06	8.380E-31	1.705E-08	1.935E-04	1.945E-07	6.540E-12
5.300E+03	6.154E-05	5.035E-01	9.367E-06	3.163E-30	2.308E-08	1.554E-04	1.797E-07	7.250E-12
5.400E+03	9.260E-05	5.068E-01	1.137E-05	1.110E-29	3.133E-08	1.263E-04	1.650E-07	8.133E-12
5.500E+03	1.386E-04	5.089E-01	1.361E-05	3.665E-29	4.253E-08	1.037E-04	1.512E-07	9.205E-12
5.600E+03	2.056E-04	5.134E-01	1.616E-05	1.152E-28	5.751E-08	8.631E-05	1.391E-07	1.048E-11
5.700E+03	3.011E-04	5.194E-01	1.913E-05	3.488E-28	7.721E-08	7.273E-05	1.291E-07	1.195E-11
5.800E+03	4.339E-04	5.273E-01	2.268E-05	1.028E-27	1.026E-07	6.211E-05	1.214E-07	1.362E-11
5.900E+03	6.137E-04	5.369E-01	2.702E-05	2.971E-27	1.346E-07	5.371E-05	1.161E-07	1.546E-11
6.000E+03	8.503E-04	5.481E-01	3.242E-05	8.479E-27	1.739E-07	4.697E-05	1.130E-07	1.742E-11
6.100E+03	1.154E-03	5.606E-01	3.920E-05	2.397E-26	2.207E-07	4.146E-05	1.118E-07	1.943E-11
6.200E+03	1.533E-03	5.737E-01	4.773E-05	6.719E-26	2.752E-07	3.685E-05	1.123E-07	2.140E-11
6.300E+03	1.995E-03	5.868E-01	5.847E-05	1.868E-25	3.366E-07	3.288E-05	1.142E-07	2.323E-11
6.400E+03	2.547E-03	5.993E-01	7.194E-05	5.141E-25	4.040E-07	2.938E-05	1.171E-07	2.481E-11
6.500E+03	3.196E-03	6.106E-01	8.873E-05	1.399E-24	4.764E-07	2.626E-05	1.209E-07	2.609E-11
6.600E+03	3.947E-03	6.204E-01	1.095E-04	3.753E-24	5.525E-07	2.345E-05	1.254E-07	2.701E-11
6.700E+03	4.809E-03	6.285E-01	1.351E-04	9.715E-24	6.312E-07	2.092E-05	1.303E-07	2.759E-11
6.800E+03	5.788E-03	6.361E-01	1.665E-04	2.575E-23	7.119E-07	1.863E-05	1.355E-07	2.785E-11
6.900E+03	6.894E-03	6.403E-01	2.045E-04	6.562E-23	7.938E-07	1.658E-05	1.409E-07	2.782E-11
7.000E+03	8.137E-03	6.441E-01	2.505E-04	1.640E-22	8.768E-07	1.475E-05	1.466E-07	2.757E-11
7.100E+03	9.529E-03	6.468E-01	3.058E-04	4.020E-22	9.606E-07	1.312E-05	1.524E-07	2.714E-11
7.200E+03	1.108E-02	6.486E-01	3.718E-04	9.654E-22	1.045E-06	1.168E-05	1.583E-07	2.658E-11
7.300E+03	1.281E-02	6.496E-01	4.503E-04	2.27E-21	1.130E-06	1.041E-05	1.642E-07	2.592E-11
7.400E+03	1.472E-02	6.500E-01	5.432E-04	5.243E-21	1.216E-06	9.282E-06	1.703E-07	2.520E-11
7.500E+03	1.684E-02	6.499E-01	6.526E-04	1.186E-20	1.302E-06	8.291E-06	1.765E-07	2.443E-11
7.600E+03	1.917E-02	6.492E-01	7.810E-04	2.633E-20	1.389E-06	7.417E-06	1.827E-07	2.363E-11
7.700E+03	2.172E-02	6.482E-01	9.310E-04	5.739E-20	1.475E-06	6.645E-06	1.890E-07	2.282E-11
7.800E+03	2.452E-02	6.468E-01	1.106E-03	1.228E-19	1.562E-06	5.963E-06	1.953E-07	2.199E-11
7.900E+03	2.757E-02	6.451E-01	1.308E-03	2.583E-19	1.648E-06	5.359E-06	2.017E-07	2.117E-11
8.000E+03	3.088E-02	6.430E-01	1.543E-03	5.343E-19	1.734E-06	4.824E-06	2.082E-07	2.035E-11
8.200E+03	3.834E-02	6.380E-01	2.123E-03	7.179E-18	1.902E-06	3.924E-06	2.213E-07	1.873E-11

Table II. - Continued.

P/P0 = 6.00E-02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.478E-64	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	9.642E-40	5.588E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.110E-27	2.267E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	5.576E-20	5.718E-47	1.000E+00	0.	5.000E+02
6.007E-74	7.285E-79	0.	0.	4.893E-15	1.021E-38	1.000E+00	0.	6.000E+02
4.117E-64	4.307E-66	0.	0.	1.541E-11	6.432E-33	1.000E+00	1.076E-90	7.000E+02
6.052E-55	7.427E-59	0.	0.	1.673E-09	2.498E-30	1.000E+00	6.788E-78	8.000E+02
3.209E-48	4.881E-54	0.	0.	3.989E-08	6.281E-29	1.000E+00	9.365E-69	9.000E+02
7.523E-43	3.323E-50	0.	3.111E-46	4.960E-07	7.957E-28	1.000E+00	1.824E-61	1.000E+03
1.668E-38	4.577E-47	0.	5.307E-76	3.889E-06	6.348E-27	1.000E+00	1.679E-55	1.100E+03
8.616E-35	1.900E-44	0.	1.784E-67	2.158E-05	3.585E-26	1.000E+00	1.570E-50	1.200E+03
1.068E-31	3.136E-42	0.	2.925E-60	9.179E-05	1.552E-25	9.999E-01	2.524E-46	1.300E+03
4.961E-29	2.507E-40	0.	4.466E-54	3.169E-04	5.450E-25	9.995E-01	1.018E-42	1.400E+03
1.001E-26	1.119E-38	2.567E-95	1.020E-48	9.254E-04	1.620E-24	9.986E-01	1.357E-39	1.500E+03
1.042E-24	3.145E-37	1.105E-91	4.953E-44	2.358E-03	4.222E-24	9.965E-01	7.361E-37	1.600E+03
6.282E-23	1.237E-35	7.662E-88	3.257E-40	5.368E-03	2.034E-23	9.919E-01	1.901E-34	1.700E+03
2.401E-21	1.900E-33	6.847E-83	1.373E-37	1.111E-02	4.812E-22	9.833E-01	2.645E-32	1.800E+03
6.248E-20	2.223E-31	3.093E-78	2.362E-35	2.116E-02	1.051E-20	9.682E-01	2.181E-30	1.900E+03
1.171E-18	1.652E-29	5.014E-74	2.364E-33	3.749E-02	1.715E-19	9.436E-01	1.151E-28	2.000E+03
1.654E-17	8.213E-28	3.293E-70	1.503E-31	6.219E-02	2.145E-18	9.062E-01	4.129E-27	2.100E+03
1.828E-16	2.883E-26	9.918E-67	6.439E-30	9.702E-02	2.120E-17	8.533E-01	1.058E-25	2.200E+03
1.629E-15	7.480E-25	1.523E-63	1.947E-28	1.428E-01	1.717E-16	7.832E-01	2.018E-24	2.300E+03
1.199E-14	1.496E-23	1.304E-60	4.319E-27	1.986E-01	1.158E-15	6.967E-01	2.959E-23	2.400E+03
7.460E-14	2.380E-22	6.717E-58	7.258E-26	2.616E-01	6.653E-15	5.974E-01	3.437E-22	2.500E+03
3.996E-13	3.108E-21	2.224E-55	9.498E-25	3.268E-01	3.315E-14	4.918E-01	3.244E-21	2.600E+03
1.875E-12	3.417E-20	5.010E-53	9.926E-24	3.883E-01	1.456E-13	3.878E-01	2.552E-20	2.700E+03
7.841E-12	3.243E-19	8.103E-51	8.475E-23	4.408E-01	5.735E-13	2.9.7E-01	1.714E-19	2.800E+03
2.970E-11	2.721E-18	9.825E-49	6.042E-22	4.807E-01	2.055E-12	2.118E-01	1.009E-18	2.900E+03
1.035E-10	2.062E-17	9.313E-47	3.673E-21	5.069E-01	6.809E-12	1.474E-01	5.339E-18	3.000E+03
3.375E-10	1.440E-16	7.174E-45	1.941E-20	5.206E-01	2.116E-11	9.912E-02	2.604E-17	3.100E+03
1.043E-09	9.439E-16	4.622E-43	9.095E-20	5.248E-01	6.253E-11	6.478E-02	1.198E-16	3.200E+03
3.089E-09	5.873E-15	2.565E-41	3.842E-19	5.232E-01	1.775E-10	4.146E-02	5.292E-16	3.300E+03
8.836E-09	3.486E-14	1.228E-39	1.487E-18	5.189E-01	4.863E-10	2.621E-02	2.269E-15	3.400E+03
2.447E-08	1.968E-13	5.087E-38	5.342E-18	5.142E-01	1.287E-09	1.652E-02	9.458E-15	3.500E+03
6.553E-08	1.047E-12	1.803E-36	1.804E-17	5.101E-01	3.275E-09	1.046E-02	3.814E-14	3.600E+03
1.694E-07	5.197E-12	5.394E-35	5.794E-17	5.071E-01	7.956E-09	6.688E-03	1.478E-13	3.700E+03
4.219E-07	2.379E-11	1.342E-33	1.788E-16	5.049E-01	1.831E-08	4.340E-03	5.470E-13	3.800E+03
1.012E-06	9.965E-11	2.747E-32	5.355E-16	5.033E-01	3.963E-08	2.863E-03	1.926E-12	3.900E+03
2.335E-06	3.807E-10	4.614E-31	1.568E-15	5.023E-01	8.048E-08	1.921E-03	6.440E-12	4.000E+03
5.197E-06	1.329E-09	6.401E-30	4.500E-15	5.016E-01	1.535E-07	1.311E-03	2.046E-11	4.100E+03
1.116E-05	4.264E-09	7.444E-29	1.265E-14	5.011E-01	2.765E-07	9.106E-04	6.185E-11	4.200E+03
2.318E-05	1.270E-08	7.396E-28	3.473E-14	5.008E-01	4.739E-07	6.425E-04	1.782E-10	4.300E+03
4.662E-05	3.539E-08	6.396E-27	9.281E-14	5.005E-01	7.789E-07	4.603E-04	4.905E-10	4.400E+03
9.090E-05	9.29E-08	4.889E-26	2.410E-13	5.003E-01	1.235E-06	3.346E-04	1.293E-09	4.500E+03
1.26E-04	2.315E-07	3.340E-25	6.083E-13	5.001E-01	1.895E-06	2.466E-04	3.271E-09	4.600E+03
3.189E-04	5.481E-07	2.053E-24	1.494E-12	4.998E-01	2.822E-06	1.841E-04	7.959E-09	4.700E+03
5.739E-04	1.236E-06	1.141E-23	3.579E-12	4.993E-01	4.081E-06	1.390E-04	1.866E-08	4.800E+03
1.008E-03	2.657E-06	5.741E-23	8.391E-12	4.986E-01	5.727E-06	1.062E-04	4.223E-08	4.900E+03
1.731E-03	5.445E-06	2.620E-22	1.931E-11	4.975E-01	7.796E-06	8.194E-05	9.232E-08	5.000E+03
2.904E-03	1.065E-05	1.086E-21	4.366E-11	4.975E-01	1.029E-05	6.381E-05	1.951E-07	5.100E+03
4.765E-03	1.989E-05	4.111E-21	9.709E-11	4.929E-01	1.319E-05	5.010E-05	3.984E-07	5.200E+03
7.641E-03	3.558E-05	1.428E-20	2.118E-10	4.885E-01	1.643E-05	3.961E-05	7.852E-07	5.300E+03
1.197E-02	6.114E-05	4.592E-20	4.519E-10	4.819E-01	1.995E-05	3.148E-05	1.490E-06	5.400E+03
1.828E-02	1.012E-04	1.378E-19	9.377E-10	4.724E-01	2.369E-05	2.511E-05	2.715E-06	5.500E+03
2.716E-02	1.618E-04	3.892E-19	1.881E-09	4.589E-01	2.756E-05	2.005E-05	4.726E-06	5.600E+03
3.920E-02	2.504E-04	1.043E-18	3.627E-09	4.407E-01	3.149E-05	1.599E-05	7.817E-06	5.700E+03
5.478E-02	3.758E-04	2.669E-18	6.679E-09	4.170E-01	3.539E-05	1.269E-05	1.222E-05	5.800E+03
7.400E-02	5.476E-04	6.560E-18	1.169E-08	3.878E-01	3.914E-05	9.995E-06	1.799E-05	5.900E+03
9.649E-02	7.756E-04	1.555E-17	1.941E-08	3.536E-01	4.260E-05	7.787E-06	2.484E-05	6.000E+03
1.214E-01	1.069E-03	3.566E-17	3.050E-08	3.156E-01	4.563E-05	5.984E-06	3.217E-05	6.100E+03
1.477E-01	1.437E-03	7.940E-17	4.542E-08	2.754E-01	4.812E-05	4.525E-06	3.914E-05	6.200E+03
1.739E-01	1.887E-03	1.720E-16	6.430E-08	2.352E-01	4.995E-05	3.364E-06	4.492E-05	6.300E+03
1.988E-01	2.425E-03	3.631E-16	8.685E-08	1.968E-01	5.108E-05	2.459E-06	4.887E-05	6.400E+03
2.214E-01	3.056E-03	7.485E-15	1.125E-07	1.616E-01	5.157E-05	1.768E-06	5.074E-05	6.500E+03
2.410E-01	3.787E-03	1.509E-15	1.405E-07	1.307E-01	5.132E-05	1.255E-06	5.062E-05	6.600E+03
2.575E-01	4.624E-03	2.976E-15	1.700E-07	1.043E-01	5.058E-05	8.801E-07	4.886E-05	6.700E+03
2.707E-01	5.573E-03	5.754E-15	2.004E-07	8.249E-02	4.941E-05	6.125E-07	4.592E-05	6.800E+03
2.811E-01	6.642E-03	1.091E-14	2.312E-07	6.478E-02	4.793E-05	4.241E-07	4.227E-05	6.900E+03
2.889E-01	7.841E-03	2.032E-14	2.619E-07	5.067E-02	4.624E-05	2.929E-07	3.829E-05	7.000E+03
2.945E-01	9.180E-03	3.719E-14	2.925E-07	3.954E-02	4.442E-05	2.023E-07	3.427E-05	7.100E+03
2.983E-01	1.067E-02	6.694E-14	3.227E-07	3.084E-02	4.254E-05	1.389E-07	3.040E-05	7.200E+03
3.006E-01	1.232E-02	1.186E-13	3.524E-07	2.407E-02	4.066E-05	9.703E-08	2.679E-05	7.300E+03
3.017E-01	1.414E-02	2.068E-13	3.816E-07	1.882E-02	3.879E-05	6.756E-08	2.350E-05	7.400E+03
3.017E-01	1.615E-02	3.555E-13	4.103E-07	1.475E-02	3.697E-05	4.725E-08	2.055E-05	7.500E+03
3.008E-01	1.835E-02	6.026E-13	4.382E-07	1.159E-02	3.521E-05	3.321E-08	1.793E-05	7.600E+03
2.992E-01	2.076E-02	1.008E-12	4.654E-07	9.124E-03	3.351E-05	2.346E-08	1.561E-05	7.700E+03
2.969E-01	2.338E-02	1.663E-12	4.916E-07	7.214E-03	3.188E-05	1.666E-08	1.357E-05	7.800E+03
2.941E-01	2.623E-02	2.712E-12	5.168E-07	5.718E-03	3.032E-05	1.189E-08	1.179E-05	7.900E+03
2.907E-01	2.931E-02	4.367E-12	5.407E-07	4.546E-03	2.884E-05	8.532E-09	1.023E-05	8.000E+03
2.824E-01	3.619E-02	1.094E-11	5.841E-07	2.898E-03	2.605E-05	4.453E-09	7.685E-06	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	4.695E-02	4.318E-01	2.885E-03	8.369E-18	2.062E-06	3.209E-06	2.345E-07	1.714E-11
8.600E+03	5.678E-02	6.245E-01	3.874E-03	3.041E-17	2.211E-06	2.636E-06	2.479E-07	1.560E-11
8.800E+03	6.781E-02	6.160E-01	5.148E-03	1.050E-16	2.345E-06	2.174E-06	2.615E-07	1.412E-11
9.000E+03	8.003E-02	6.064E-01	6.773E-03	3.458E-16	2.460E-06	1.797E-06	2.751E-07	1.269E-11
9.200E+03	9.336E-02	5.955E-01	8.830E-03	1.090E-15	2.553E-06	1.489E-06	2.887E-07	1.133E-11
9.400E+03	1.077E-01	5.834E-01	1.141E-02	3.299E-15	2.622E-06	1.236E-06	3.022E-07	1.004E-11
9.600E+03	1.229E-01	5.700E-01	1.463E-02	9.615E-15	2.665E-06	1.027E-06	3.155E-07	8.828E-12
9.800E+03	1.389E-01	5.584E-01	1.862E-02	2.704E-14	2.680E-06	8.525E-07	3.283E-07	7.697E-12
1.000E+04	1.554E-01	5.395E-01	2.350E-02	7.349E-14	2.668E-06	7.073E-07	3.404E-07	6.653E-12
1.020E+04	1.724E-01	5.223E-01	2.943E-02	1.933E-13	2.629E-06	5.858E-07	3.512E-07	5.698E-12
1.040E+04	1.896E-01	5.037E-01	3.654E-02	4.924E-13	2.566E-06	4.836E-07	3.601E-07	4.834E-12
1.060E+04	2.071E-01	4.836E-01	4.497E-02	1.215E-12	2.481E-06	3.975E-07	3.665E-07	4.060E-12
1.080E+04	2.247E-01	4.621E-01	5.490E-02	2.905E-12	2.376E-06	3.249E-07	3.697E-07	3.374E-12
1.100E+04	2.424E-01	4.390E-01	6.608E-02	6.730E-12	2.254E-06	2.636E-07	3.688E-07	2.771E-12
1.120E+04	2.601E-01	4.145E-01	7.878E-02	1.510E-11	2.118E-06	2.120E-07	3.633E-07	2.247E-12
1.140E+04	2.778E-01	3.886E-01	9.281E-02	3.285E-11	1.970E-06	1.687E-07	3.528E-07	1.777E-12
1.160E+04	2.955E-01	3.617E-01	1.080E-01	6.928E-11	1.815E-06	1.327E-07	3.374E-07	1.416E-12
1.180E+04	3.130E-01	3.339E-01	1.241E-01	1.418E-10	1.654E-06	1.031E-07	3.175E-07	1.099E-12
1.200E+04	3.302E-01	3.057E-01	1.408E-01	2.817E-10	1.491E-06	7.899E-08	2.938E-07	8.385E-13
1.220E+04	3.469E-01	2.776E-01	1.578E-01	5.445E-10	1.330E-06	5.967E-08	2.672E-07	6.290E-13
1.240E+04	3.630E-01	2.499E-01	1.748E-01	1.025E-09	1.173E-06	4.444E-08	2.390E-07	4.637E-13
1.260E+04	3.782E-01	2.231E-01	1.914E-01	1.980E-09	1.023E-06	3.263E-08	2.104E-07	3.361E-13
1.280E+04	3.926E-01	1.976E-01	2.074E-01	3.370E-09	8.828E-07	2.364E-08	1.823E-07	2.396E-13
1.300E+04	4.059E-01	1.737E-01	2.224E-01	5.906E-09	7.542E-07	1.691E-08	1.557E-07	1.682E-13
1.320E+04	4.180E-01	1.517E-01	2.363E-01	1.014E-08	6.383E-07	1.197E-08	1.313E-07	1.164E-13
1.340E+04	4.289E-01	1.317E-01	2.490E-01	1.706E-08	5.357E-07	8.384E-09	1.095E-07	7.953E-14
1.360E+04	4.387E-01	1.137E-01	2.605E-01	2.819E-08	4.464E-07	5.826E-09	9.036E-08	5.377E-14
1.380E+04	4.473E-01	9.781E-02	2.706E-01	4.580E-08	3.696E-07	4.023E-09	7.397E-08	3.604E-14
1.400E+04	4.549E-01	8.385E-02	2.796E-01	7.321E-08	3.046E-07	2.764E-09	6.016E-08	2.400E-14
1.420E+04	4.614E-01	7.171E-02	2.874E-01	1.153E-07	2.500E-07	1.894E-09	4.868E-08	1.590E-14
1.440E+04	4.670E-01	6.123E-02	2.941E-01	1.790E-07	2.046E-07	1.296E-09	3.924E-08	1.051E-14
1.460E+04	4.719E-01	5.224E-02	2.998E-01	2.743E-07	1.672E-07	8.862E-10	3.156E-08	6.933E-15
1.480E+04	4.760E-01	4.465E-02	3.048E-01	4.151E-07	1.365E-07	6.068E-10	2.535E-08	4.576E-15
1.500E+04	4.795E-01	3.801E-02	3.090E-01	6.207E-07	1.114E-07	4.164E-10	2.035E-08	3.024E-15
1.520E+04	4.825E-01	3.246E-02	3.125E-01	9.178E-07	9.099E-08	2.866E-10	1.635E-08	2.004E-15
1.540E+04	4.851E-01	2.775E-02	3.155E-01	1.343E-06	7.439E-08	1.980E-10	1.315E-08	1.333E-15
1.560E+04	4.872E-01	2.376E-02	3.181E-01	1.945E-06	6.091E-08	1.374E-10	1.059E-08	8.896E-16
1.580E+04	4.891E-01	2.038E-02	3.202E-01	2.789E-06	4.996E-08	9.579E-11	8.548E-09	5.676E-16
1.600E+04	4.907E-01	1.762E-02	3.220E-01	3.964E-06	4.107E-08	6.712E-11	6.917E-09	4.027E-16
1.620E+04	4.921E-01	1.509E-02	3.235E-01	5.585E-06	3.384E-08	4.728E-11	5.612E-09	2.727E-16
1.640E+04	4.932E-01	1.302E-02	3.248E-01	7.801E-06	2.795E-08	3.349E-11	4.566E-09	1.859E-16
1.660E+04	4.943E-01	1.127E-02	3.259E-01	1.081E-05	2.315E-08	2.386E-11	3.727E-09	1.275E-16
1.680E+04	4.952E-01	9.771E-03	3.267E-01	1.486E-05	1.923E-08	1.709E-11	3.051E-09	8.792E-17
1.700E+04	4.961E-01	8.493E-03	3.274E-01	2.027E-05	1.601E-08	1.231E-11	2.506E-09	6.101E-17
1.720E+04	4.968E-01	7.400E-03	3.280E-01	2.746E-05	1.337E-08	8.922E-12	2.064E-09	4.259E-17
1.740E+04	4.976E-01	6.483E-03	3.285E-01	3.693E-05	1.120E-08	6.501E-12	1.706E-09	2.991E-17
1.760E+04	4.983E-01	5.688E-03	3.288E-01	4.934E-05	9.408E-09	4.763E-12	1.414E-09	2.113E-17
1.780E+04	4.990E-01	4.965E-03	3.290E-01	6.547E-05	7.925E-09	3.509E-12	1.176E-09	1.502E-17
1.800E+04	4.997E-01	4.367E-03	3.291E-01	8.633E-05	6.695E-09	2.599E-12	9.811E-10	1.073E-17
1.820E+04	5.004E-01	3.849E-03	3.291E-01	1.131E-04	5.671E-09	1.935E-12	8.207E-10	7.717E-18
1.840E+04	5.012E-01	3.401E-03	3.290E-01	1.473E-04	4.818E-09	1.448E-12	6.886E-10	5.579E-18
1.860E+04	5.020E-01	3.011E-03	3.288E-01	1.907E-04	4.104E-09	1.089E-12	5.793E-10	4.056E-18
1.880E+04	5.030E-01	2.672E-03	3.284E-01	2.454E-04	3.506E-09	8.233E-13	4.886E-10	2.965E-18
1.900E+04	5.040E-01	2.376E-03	3.280E-01	3.141E-04	3.003E-09	6.252E-13	4.132E-10	2.179E-18
1.920E+04	5.051E-01	2.117E-03	3.274E-01	3.997E-04	2.579E-09	4.770E-13	3.503E-10	1.609E-18
1.940E+04	5.064E-01	1.889E-03	3.267E-01	5.058E-04	2.221E-09	3.655E-13	2.977E-10	1.195E-18
1.960E+04	5.078E-01	1.690E-03	3.258E-01	6.367E-04	1.917E-09	2.813E-13	2.535E-10	8.917E-19
1.980E+04	5.093E-01	1.514E-03	3.248E-01	7.971E-04	1.659E-09	2.174E-13	2.164E-10	6.685E-19
2.000E+04	5.110E-01	1.359E-03	3.237E-01	9.928E-04	1.439E-09	1.687E-13	1.850E-10	5.036E-19
2.020E+04	5.128E-01	1.222E-03	3.223E-01	1.230E-03	1.251E-09	1.314E-13	1.585E-10	3.810E-19
2.040E+04	5.148E-01	1.101E-03	3.208E-01	1.517E-03	1.090E-09	1.028E-13	1.360E-10	2.895E-19
2.060E+04	5.170E-01	9.927E-04	3.192E-01	1.861E-03	9.524E-10	8.062E-14	1.169E-10	2.209E-19
2.080E+04	5.193E-01	8.987E-04	3.173E-01	2.272E-03	8.335E-10	6.346E-14	1.007E-10	1.692E-19
2.100E+04	5.217E-01	8.111E-04	3.153E-01	2.761E-03	7.309E-10	5.011E-14	8.677E-11	1.301E-19
2.120E+04	5.243E-01	7.346E-04	3.130E-01	3.341E-03	6.421E-10	3.968E-14	7.449E-11	1.004E-19
2.140E+04	5.270E-01	6.661E-04	3.106E-01	4.023E-03	5.650E-10	3.151E-14	6.470E-11	7.770E-20
2.160E+04	5.299E-01	6.047E-04	3.080E-01	4.824E-03	4.980E-10	2.509E-14	5.545E-11	6.032E-20
2.180E+04	5.328E-01	5.495E-04	3.052E-01	5.760E-03	4.395E-10	2.002E-14	4.842E-11	4.696E-20
2.200E+04	5.357E-01	4.997E-04	3.022E-01	6.848E-03	3.884E-10	1.600E-14	4.193E-11	3.664E-20
2.220E+04	5.388E-01	4.549E-04	2.989E-01	8.108E-03	3.436E-10	1.282E-14	3.632E-11	2.866E-20
2.240E+04	5.418E-01	4.143E-04	2.955E-01	9.561E-03	3.042E-10	1.028E-14	3.148E-11	2.245E-20
2.260E+04	5.449E-01	3.771E-04	2.918E-01	1.123E-02	2.696E-10	8.261E-15	2.727E-11	1.762E-20
2.280E+04	5.481E-01	3.441E-04	2.878E-01	1.313E-02	2.390E-10	6.642E-15	2.363E-11	1.384E-20
2.300E+04	5.512E-01	3.137E-04	2.836E-01	1.530E-02	2.120E-10	5.343E-15	2.045E-11	1.089E-20
2.320E+04	5.544E-01	2.861E-04	2.790E-01	1.775E-02	1.882E-10	4.300E-15	1.769E-11	8.568E-21
2.340E+04	5.576E-01	2.608E-04	2.742E-01	2.050E-02	1.670E-10	3.461E-15	1.529E-11	6.744E-21
2.360E+04	5.608E-01	2.377E-04	2.690E-01	2.359E-02	1.492E-10	2.784E-15	1.319E-11	5.307E-21
2.380E+04	5.640E-01	2.165E-04	2.644E-01	2.701E-02	1.314E-10	2.238E-15	1.136E-11	4.174E-21
2.400E+04	5.673E-01	1.971E-04	2.575E-01	3.080E-02	1.165E-10	1.789E-15	9.759E-12	3.280E-21
2.420E+04	5.706E-01	1.793E-04	2.511E-01	3.495E-02	1.033E-10	1.435E-15	8.363E-12	2.575E-21
2.440E+04	5.740E-01	1.629E-04	2.444E-01	3.947E-02	9.144E-11	1.152E-15	7.145E-12	2.017E-21
2.460E+04	5.774E-01	1.479E-04	2.372E-01	4.436E-02	8.088E-11	9.196E-16	6.084E-12	1.577E-21
2.480E+04	5.808E-01	1.340E-04	2.297E-01	4.961E-02	7.145E-11	7.320E-16	5.161E-12	1.230E-21
2.500E+04	5.843E-01	1.212E-04	2.218E-01	5.520E-02	6.304E-11	5.809E-16	4.360E-12	9.570E-22

Table II. - Continued.

L	C+	C++	C-	CO	CU+	CC2	C2	T
4.724E-01	4.405E-02	2.626E-11	6.401E-07	1.865E-03	2.350E-05	2.364E-09	5.747E-06	8.400E+03
2.607E-01	5.288E-02	6.052E-11	6.472E-07	1.211E-03	2.117E-05	1.274E-09	4.275E-06	8.600E+03
2.475E-01	6.265E-02	1.343E-10	6.640E-07	7.917E-04	1.901E-05	6.954E-10	3.158E-06	8.800E+03
2.331E-01	7.324E-02	2.675E-10	6.695E-07	5.201E-04	1.702E-05	3.833E-10	2.313E-06	9.000E+03
2.175E-01	8.452E-02	5.950E-10	6.632E-07	3.429E-04	1.517E-05	2.130E-10	1.677E-06	9.200E+03
2.010E-01	9.648E-02	1.193E-09	6.452E-07	2.265E-04	1.346E-05	1.190E-10	1.202E-06	9.400E+03
1.840E-01	1.083E-01	2.319E-09	6.166E-07	1.497E-04	1.188E-05	6.677E-11	8.504E-07	9.600E+03
1.667E-01	1.203E-01	4.340E-09	5.789E-07	9.886E-05	1.042E-05	3.753E-11	5.937E-07	9.800E+03
1.495E-01	1.319E-01	8.046E-09	5.341E-07	6.520E-05	9.073E-06	2.111E-11	4.088E-07	1.000E+04
1.329E-01	1.430E-01	1.439E-08	4.848E-07	4.291E-05	7.843E-06	1.186E-11	2.777E-07	1.020E+04
1.170E-01	1.531E-01	2.507E-08	4.334E-07	2.816E-05	6.726E-06	6.652E-12	1.863E-07	1.040E+04
1.022E-01	1.621E-01	4.261E-08	3.822E-07	1.843E-05	5.720E-06	3.719E-12	1.235E-07	1.060E+04
8.854E-02	1.699E-01	7.070E-08	3.329E-07	1.202E-05	4.823E-06	2.070E-12	8.101E-08	1.080E+04
7.624E-02	1.763E-01	1.177E-07	2.870E-07	7.814E-06	4.030E-06	1.146E-12	5.272E-08	1.100E+04
6.531E-02	1.813E-01	1.821E-07	2.452E-07	5.064E-06	3.337E-06	6.307E-13	3.408E-08	1.120E+04
5.569E-02	1.850E-01	2.813E-07	2.040E-07	3.270E-06	2.738E-06	3.447E-13	2.193E-08	1.140E+04
4.733E-02	1.875E-01	4.328E-07	1.753E-07	2.105E-06	2.227E-06	1.869E-13	1.407E-08	1.160E+04
4.012E-02	1.898E-01	6.498E-07	1.470E-07	1.350E-06	1.795E-06	1.004E-13	9.009E-09	1.180E+04
3.395E-02	1.913E-01	9.610E-07	1.227E-07	8.629E-07	1.435E-06	5.350E-14	5.767E-09	1.200E+04
2.868E-02	1.930E-01	1.402E-06	1.020E-07	5.497E-07	1.138E-06	2.823E-14	3.693E-09	1.220E+04
2.421E-02	1.948E-01	2.020E-06	8.446E-08	3.452E-07	8.901E-07	1.476E-14	2.369E-09	1.240E+04
2.046E-02	1.964E-01	2.880E-06	6.974E-08	2.212E-07	7.011E-07	7.654E-15	1.523E-09	1.260E+04
1.726E-02	1.982E-01	4.068E-06	5.743E-08	1.399E-07	5.454E-07	3.937E-15	9.822E-10	1.280E+04
1.458E-02	1.995E-01	5.698E-06	4.720E-08	8.833E-08	4.224E-07	2.011E-15	6.361E-10	1.300E+04
1.236E-02	1.917E-01	7.924E-06	3.872E-08	5.576E-08	3.200E-07	1.022E-15	4.139E-10	1.320E+04
1.046E-02	1.999E-01	1.095E-05	3.174E-08	3.523E-08	2.510E-07	5.177E-16	2.705E-10	1.340E+04
8.788E-03	1.762E-01	1.503E-05	2.601E-08	2.229E-08	1.929E-07	2.618E-16	1.784E-10	1.360E+04
7.556E-03	1.766E-01	2.051E-05	2.131E-08	1.414E-08	1.482E-07	1.323E-16	1.182E-10	1.380E+04
6.448E-03	1.752E-01	2.784E-05	1.746E-08	9.006E-09	1.139E-07	6.704E-17	7.891E-11	1.400E+04
5.518E-03	1.740E-01	3.154E-05	1.435E-08	5.761E-09	8.769E-08	3.408E-17	5.306E-11	1.420E+04
4.735E-03	1.729E-01	5.046E-05	1.180E-08	3.705E-09	6.762E-08	1.741E-17	3.595E-11	1.440E+04
4.076E-03	1.719E-01	6.734E-05	9.720E-09	2.397E-09	5.227E-08	8.952E-18	2.454E-11	1.460E+04
3.519E-03	1.711E-01	8.953E-05	8.024E-09	1.561E-09	4.052E-08	4.637E-18	1.688E-11	1.480E+04
3.046E-03	1.703E-01	1.183E-04	6.641E-09	1.023E-09	3.152E-08	2.423E-18	1.170E-11	1.500E+04
2.648E-03	1.697E-01	1.555E-04	5.509E-09	6.759E-10	2.460E-08	1.277E-18	6.169E-12	1.520E+04
2.307E-03	1.691E-01	2.032E-04	4.563E-09	4.498E-10	1.928E-08	6.799E-19	5.746E-12	1.540E+04
2.017E-03	1.686E-01	2.642E-04	3.823E-09	3.015E-10	1.517E-08	3.656E-19	4.070E-12	1.560E+04
1.768E-03	1.682E-01	3.417E-04	3.197E-09	2.037E-10	1.198E-08	1.986E-19	2.903E-12	1.580E+04
1.554E-03	1.678E-01	4.395E-04	2.682E-09	1.387E-10	9.500E-09	1.090E-19	2.085E-12	1.600E+04
1.370E-03	1.674E-01	5.624E-04	2.256E-09	9.511E-11	7.563E-09	6.050E-20	1.507E-12	1.620E+04
1.210E-03	1.670E-01	7.155E-04	1.902E-09	6.573E-11	6.046E-09	3.392E-20	1.096E-12	1.640E+04
1.073E-03	1.666E-01	9.066E-04	1.609E-09	4.575E-11	4.851E-09	1.922E-20	6.015E-13	1.660E+04
9.526E-04	1.662E-01	1.142E-03	1.364E-09	3.207E-11	3.908E-09	1.100E-20	5.496E-13	1.680E+04
8.480E-04	1.657E-01	1.432E-03	1.159E-09	2.264E-11	3.159E-09	6.361E-21	4.361E-13	1.700E+04
7.568E-04	1.652E-01	1.785E-03	9.874E-10	1.609E-11	2.563E-09	3.714E-21	3.241E-13	1.720E+04
6.764E-04	1.646E-01	2.215E-03	8.431E-10	1.151E-11	2.086E-09	2.189E-21	2.421E-13	1.740E+04
6.058E-04	1.639E-01	2.734E-03	7.215E-10	8.284E-12	1.703E-09	1.303E-21	1.816E-13	1.760E+04
5.435E-04	1.631E-01	3.356E-03	6.186E-10	5.997E-12	1.394E-09	7.821E-22	1.376E-13	1.780E+04
4.884E-04	1.622E-01	4.103E-03	5.314E-10	4.367E-12	1.145E-09	4.735E-22	1.033E-13	1.800E+04
4.394E-04	1.611E-01	4.988E-03	4.572E-10	3.197E-12	9.424E-10	2.891E-22	7.835E-14	1.820E+04
3.959E-04	1.598E-01	6.031E-03	3.940E-10	2.352E-12	7.774E-10	1.779E-22	5.957E-14	1.840E+04
3.569E-04	1.584E-01	7.234E-03	3.400E-10	1.738E-12	6.425E-10	1.103E-22	4.539E-14	1.860E+04
3.221E-04	1.567E-01	8.678E-03	2.937E-10	1.290E-12	5.319E-10	6.886E-23	3.455E-14	1.880E+04
2.907E-04	1.547E-01	1.032E-02	2.539E-10	9.617E-13	4.409E-10	4.328E-23	2.648E-14	1.900E+04
2.625E-04	1.525E-01	1.221E-02	2.196E-10	7.193E-13	3.658E-10	2.737E-23	2.026E-14	1.920E+04
2.370E-04	1.500E-01	1.435E-02	1.901E-10	5.398E-13	3.037E-10	1.141E-23	1.550E-14	1.940E+04
2.139E-04	1.471E-01	1.678E-02	1.645E-10	4.062E-13	2.523E-10	1.113E-23	1.185E-14	1.960E+04
1.929E-04	1.439E-01	1.948E-02	1.424E-10	3.064E-13	2.095E-10	7.151E-24	9.057E-15	1.980E+04
1.738E-04	1.404E-01	2.278E-02	1.211E-10	2.316E-13	1.740E-10	4.614E-24	6.910E-15	2.000E+04
1.565E-04	1.365E-01	2.578E-02	1.065E-10	1.753E-13	1.443E-10	2.989E-24	5.261E-15	2.020E+04
1.406E-04	1.322E-01	2.936E-02	9.194E-11	1.329E-13	1.196E-10	1.942E-24	3.995E-15	2.040E+04
1.262E-04	1.277E-01	3.322E-02	7.930E-11	1.008E-13	9.902E-11	1.266E-24	3.016E-15	2.060E+04
1.130E-04	1.228E-01	3.732E-02	6.831E-11	7.652E-14	8.184E-11	8.273E-25	2.282E-15	2.080E+04
1.010E-04	1.177E-01	4.165E-02	5.874E-11	5.810E-14	6.751E-11	5.417E-25	1.715E-15	2.100E+04
9.012E-05	1.123E-01	4.616E-02	5.042E-11	4.411E-14	5.559E-11	3.553E-25	1.283E-15	2.120E+04
8.018E-05	1.068E-01	5.042E-02	4.319E-11	3.348E-14	4.567E-11	2.334E-25	9.560E-16	2.140E+04
7.117E-05	1.011E-01	5.557E-02	3.693E-11	2.540E-14	3.743E-11	1.535E-25	7.089E-16	2.160E+04
6.302E-05	9.532E-02	6.037E-02	3.150E-11	1.925E-14	3.061E-11	1.010E-25	5.233E-16	2.180E+04
5.567E-05	8.954E-02	6.516E-02	2.681E-11	1.458E-14	2.497E-11	6.648E-26	3.844E-16	2.200E+04
4.905E-05	8.379E-02	6.991E-02	2.277E-11	1.104E-14	2.031E-11	4.378E-26	2.811E-16	2.220E+04
4.312E-05	7.813E-02	7.455E-02	1.930E-11	8.344E-15	1.649E-11	2.883E-26	2.046E-16	2.240E+04
3.783E-05	7.260E-02	7.905E-02	1.633E-11	6.302E-15	1.335E-11	1.899E-26	1.484E-16	2.260E+04
3.311E-05	6.724E-02	8.337E-02	1.378E-11	4.754E-15	1.078E-11	1.250E-26	1.071E-16	2.280E+04
2.893E-05	6.208E-02	8.748E-02	1.162E-11	3.583E-15	8.691E-12	8.225E-27	7.711E-17	2.300E+04
2.524E-05	5.717E-02	9.134E-02	9.776E-12	2.698E-15	6.988E-12	5.410E-27	5.532E-17	2.320E+04
2.199E-05	5.250E-02	9.495E-02	8.217E-12	2.029E-15	5.606E-12	3.556E-27	3.958E-17	2.340E+04
1.913E-05	4.811E-02	9.872E-02	6.899E-12	1.525E-15	4.488E-12	2.335E-27	2.826E-17	2.360E+04
1.663E-05	4.399E-02	1.013E-01	5.788E-12	1.145E-15	3.585E-12	1.532E-27	2.014E-17	2.380E+04
1.444E-05	4.016E-02	1.041E-01	4.853E-12	8.587E-16	2.858E-12	1.004E-27	1.433E-17	2.400E+04
1.253E-05	3.660E-02	1.065E-01	4.067E-12	6.435E-16	2.274E-12	6.567E-28	1.019E-17	2.420E+04
1.088E-05	3.331E-02	1.087E-01	3.409E-12	4.808E-16	1.805E-12	4.290E-28	7.244E-18	2.440E+04
9.437E-06	3.028E-02	1.106E-01	2.857E-12	3.598E-16	1.430E-12	2.797E-28	5.148E-18	2.460E+04
8.188E-06	2.751E-02	1.122E-01	2.395E-12	2.650E-16	1.131E-12	1.820E-28	3.980E-18	2.480E+04
7.106E-06	2.497E-02	1.136E-01	2.009E-12	2.008E-16	8.928E-13	1.182E-28	2.604E-18	2.500E+04

Table II. - Continued.

P/P0 = 7.00E-02

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.384E-11	1.780E-18	0.
2.000E+02	0.	2.804E-67	0.	0.	0.	4.884E-11	1.760E-18	0.
3.000E+02	0.	1.388E-45	1.180E-79	0.	0.	5.702E-11	1.760E-18	0.
4.000E+02	0.	9.093E-35	3.195E-62	0.	0.	4.921E-11	1.760E-18	0.
5.000E+02	0.	3.047E-28	9.244E-52	0.	0.	4.774E-11	1.760E-18	0.
6.000E+02	1.524E-92	7.069E-24	8.838E-45	0.	0.	4.792E-11	1.760E-18	0.
7.000E+02	7.331E-78	1.306E-20	8.143E-40	0.	1.645E-89	5.483E-11	1.760E-18	8.370E-83
8.000E+02	1.099E-65	8.771E-18	1.169E-36	0.	7.252E-76	8.424E-10	1.760E-18	1.759E-70
9.000E+02	9.001E-56	2.807E-15	2.050E-34	0.	1.319E-64	1.899E-08	1.760E-18	4.879E-60
1.000E+03	8.087E-48	2.885E-13	1.270E-32	0.	1.401E-54	2.356E-07	1.760E-18	1.170E-51
1.100E+03	2.655E-41	1.281E-11	3.735E-31	0.	3.393E-41	1.847E-06	1.760E-18	8.355E-45
1.200E+03	7.265E-36	3.030E-10	6.283E-30	0.	4.849E-42	1.025E-05	1.760E-18	4.280E-39
1.300E+03	2.936E-31	4.409E-09	6.872E-29	0.	7.795E-37	4.359E-05	1.760E-18	2.889E-34
1.400E+03	2.637E-27	4.380E-08	5.359E-28	0.	2.260E-32	1.505E-04	1.760E-18	3.966E-30
1.500E+03	7.103E-24	3.205E-07	3.186E-27	0.	1.661E-28	4.394E-04	1.760E-18	1.523E-26
1.600E+03	7.148E-21	1.829E-06	1.526E-26	0.	3.986E-25	1.119E-03	1.766E-18	2.065E-23
1.700E+03	1.662E-18	8.500E-06	1.79E-25	0.	1.972E-22	2.546E-03	3.424E-18	6.157E-21
1.800E+03	3.517E-17	3.325E-05	4.378E-24	0.	8.091E-21	5.261E-03	3.709E-17	1.606E-19
1.900E+03	4.088E-16	1.124E-04	1.474E-22	0.	1.683E-19	1.000E-02	4.129E-16	2.221E-16
2.000E+03	3.645E-15	3.349E-04	3.570E-21	0.	2.510E-18	1.767E-02	3.672E-15	2.278E-17
2.100E+03	2.625E-14	8.941E-04	6.416E-20	5.763E-87	2.843E-17	2.918E-02	2.646E-14	1.826E-16
2.200E+03	1.570E-13	2.165E-03	8.899E-19	1.015E-82	2.530E-16	4.522E-02	1.584E-13	1.176E-15
2.300E+03	7.959E-13	4.799E-03	9.840E-18	7.773E-79	1.815E-15	6.592E-02	8.038E-13	6.209E-15
2.400E+03	3.482E-12	9.816E-03	8.945E-17	2.881E-75	1.071E-14	9.044E-02	3.519E-12	2.724E-14
2.500E+03	1.333E-11	1.863E-02	6.827E-16	5.658E-72	5.283E-14	1.168E-01	1.347E-11	1.005E-13
2.600E+03	4.514E-11	3.298E-02	4.453E-15	6.357E-69	2.207E-13	1.418E-01	4.564E-11	3.142E-13
2.700E+03	1.366E-10	5.466E-02	2.547E-14	4.364E-66	7.897E-13	1.619E-01	1.381E-10	8.393E-13
2.800E+03	3.727E-10	8.510E-02	1.285E-13	1.935E-63	2.442E-12	1.735E-01	3.764E-10	1.926E-12
2.900E+03	9.230E-10	1.248E-01	5.805E-13	5.821E-61	6.582E-12	1.746E-01	9.310E-10	3.819E-12
3.000E+03	2.088E-09	1.729E-01	2.375E-12	1.239E-58	1.557E-11	1.648E-01	2.102E-09	6.569E-12
3.100E+03	4.340E-09	2.267E-01	9.884E-12	1.935E-56	3.251E-11	1.459E-01	4.354E-09	9.843E-12
3.200E+03	8.332E-09	2.821E-01	3.061E-11	2.284E-54	6.039E-11	1.212E-01	8.319E-09	1.292E-11
3.300E+03	1.489E-08	3.344E-01	9.784E-11	2.092E-52	1.006E-10	9.488E-02	1.474E-08	1.500E-11
3.400E+03	2.493E-08	3.795E-01	2.916E-10	1.514E-50	1.525E-10	7.044E-02	2.437E-08	1.564E-11
3.500E+03	3.961E-08	4.153E-01	8.137E-10	8.771E-49	2.135E-10	5.018E-02	3.789E-08	1.495E-11
3.600E+03	6.047E-08	4.418E-01	2.130E-09	4.094E-47	2.822E-10	3.477E-02	5.576E-08	1.346E-11
3.700E+03	8.989E-08	4.605E-01	5.232E-09	1.543E-45	3.590E-10	2.375E-02	7.805E-08	1.171E-11
3.800E+03	1.319E-07	4.783E-01	1.204E-08	4.694E-44	4.481E-10	1.615E-02	1.042E-07	1.007E-11
3.900E+03	1.930E-07	4.818E-01	2.592E-08	1.151E-42	5.576E-10	1.103E-02	1.326E-07	8.731E-11
4.000E+03	2.945E-07	4.87E-01	5.216E-08	2.281E-41	6.991E-10	7.592E-03	1.610E-07	7.728E-12
4.100E+03	4.235E-07	4.913E-01	9.834E-08	3.685E-40	8.882E-10	5.287E-03	1.872E-07	7.025E-12
4.200E+03	6.364E-07	4.939E-01	1.747E-07	4.930E-39	1.144E-09	3.729E-03	2.092E-07	6.562E-12
4.300E+03	9.620E-07	4.966E-01	2.948E-07	5.572E-38	1.487E-09	2.666E-03	2.266E-07	6.276E-12
4.400E+03	1.456E-06	4.969E-01	4.763E-07	5.427E-37	1.946E-09	1.931E-03	2.395E-07	6.117E-12
4.500E+03	2.199E-06	4.977E-01	7.417E-07	4.634E-36	2.551E-09	1.417E-03	2.484E-07	6.051E-12
4.600E+03	3.306E-06	4.983E-01	1.118E-06	3.514E-35	3.346E-09	1.053E-03	2.538E-07	6.060E-12
4.700E+03	4.949E-06	4.988E-01	1.637E-06	2.387E-34	4.387E-09	7.924E-04	2.558E-07	6.137E-12
4.800E+03	7.382E-06	4.993E-01	2.331E-06	1.462E-33	5.757E-09	6.031E-04	2.546E-07	6.287E-12
4.900E+03	1.099E-05	4.997E-01	3.221E-06	9.090E-33	7.573E-09	4.641E-04	2.500E-07	6.521E-12
5.000E+03	1.637E-05	5.001E-01	4.344E-06	4.058E-32	1.000E-08	3.610E-04	2.420E-07	6.860E-12
5.100E+03	2.442E-05	5.008E-01	5.698E-06	1.849E-31	1.329E-08	2.838E-04	2.308E-07	7.327E-12
5.200E+03	3.651E-05	5.017E-01	7.252E-06	7.693E-31	1.777E-08	2.254E-04	2.171E-07	7.948E-12
5.300E+03	5.467E-05	5.030E-01	9.028E-06	2.941E-30	2.389E-08	1.809E-04	2.019E-07	8.747E-12
5.400E+03	8.181E-05	5.049E-01	1.101E-05	1.043E-29	3.224E-08	1.468E-04	1.861E-07	9.748E-12
5.500E+03	1.220E-04	5.077E-01	1.323E-05	3.469E-29	4.356E-08	1.204E-04	1.710E-07	1.097E-11
5.600E+03	1.805E-04	5.116E-01	1.573E-05	1.094E-28	5.870E-08	9.999E-05	1.73E-07	1.243E-11
5.700E+03	2.642E-04	5.170E-01	1.860E-05	3.313E-28	7.866E-08	8.406E-05	1.457E-07	1.414E-11
5.800E+03	3.911E-04	5.240E-01	2.200E-05	9.728E-28	1.045E-07	7.157E-05	1.366E-07	1.608E-11
5.900E+03	5.403E-04	5.328E-01	2.611E-05	2.795E-27	1.372E-07	6.171E-05	1.299E-07	1.825E-11
6.000E+03	7.515E-04	5.433E-01	3.117E-05	7.908E-27	1.777E-07	5.384E-05	1.256E-07	2.058E-11
6.100E+03	1.024E-03	5.562E-01	3.749E-05	2.213E-26	2.264E-07	4.744E-05	1.235E-07	2.302E-11
6.200E+03	1.367E-03	5.679E-01	4.541E-05	6.142E-26	2.834E-07	4.212E-05	1.234E-07	2.546E-11
6.300E+03	1.788E-03	5.810E-01	5.535E-05	1.690E-25	3.485E-07	3.759E-05	1.248E-07	2.778E-11
6.400E+03	2.295E-03	5.936E-01	6.779E-05	4.609E-25	4.206E-07	3.363E-05	1.275E-07	2.985E-11
6.500E+03	2.893E-03	6.083E-01	8.330E-05	1.243E-24	4.987E-07	3.012E-05	1.313E-07	3.159E-11
6.600E+03	3.588E-03	6.187E-01	1.025E-04	3.312E-24	5.815E-07	2.695E-05	1.358E-07	3.292E-11
6.700E+03	4.387E-03	6.245E-01	1.262E-04	8.696E-24	6.676E-07	2.409E-05	1.410E-07	3.383E-11
6.800E+03	5.298E-03	6.318E-01	1.551E-04	2.246E-23	7.562E-07	2.151E-05	1.465E-07	3.433E-11
6.900E+03	6.327E-03	6.376E-01	1.902E-04	5.701E-23	8.465E-07	1.918E-05	1.523E-07	3.447E-11
7.000E+03	7.485E-03	6.421E-01	2.327E-04	1.420E-22	9.379E-07	1.710E-05	1.584E-07	3.430E-11
7.100E+03	8.781E-03	6.453E-01	2.838E-04	3.470E-22	1.030E-06	1.524E-05	1.646E-07	3.389E-11
7.200E+03	1.023E-02	6.476E-01	3.448E-04	8.314E-22	1.123E-06	1.358E-05	1.709E-07	3.329E-11
7.300E+03	1.184E-02	6.490E-01	4.173E-04	1.953E-21	1.217E-06	1.212E-05	1.774E-07	3.255E-11
7.400E+03	1.362E-02	6.498E-01	5.031E-04	4.499E-21	1.312E-06	1.082E-05	1.840E-07	3.170E-11
7.500E+03	1.559E-02	6.499E-01	6.042E-04	1.017E-20	1.407E-06	9.674E-06	1.906E-07	3.079E-11
7.600E+03	1.776E-02	6.496E-01	7.227E-04	2.254E-20	1.502E-06	8.662E-06	1.973E-07	2.984E-11
7.700E+03	2.014E-02	6.488E-01	8.613E-04	4.906E-20	1.599E-06	7.767E-06	2.041E-07	2.885E-11
7.800E+03	2.275E-02	6.476E-01	1.023E-03	1.049E-19	1.694E-06	6.975E-06	2.110E-07	2.785E-11
7.900E+03	2.560E-02	6.461E-01	1.209E-03	2.204E-19	1.789E-06	6.273E-06	2.179E-07	2.685E-11
8.000E+03	2.870E-02	6.443E-01	1.426E-03	4.555E-19	1.884E-06	5.650E-06	2.249E-07	2.584E-11
8.200E+03	3.568E-02	6.398E-01	1.961E-03	1.854E-18	2.070E-06	4.604E-06	2.391E-07	2.385E-11

Table II. - Continued.

P/PQ = 7.00E-02

C	C+	C++	C-	CO	CG+	CG?	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.405E-64	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.761E-40	4.900E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.009E-27	2.278E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	5.192E-20	5.363E-47	1.000E+00	0.	5.000E+02
5.758E-78	6.051E-74	0.	0.	4.501E-15	4.269E-39	1.000E+00	0.	6.000E+02
3.470E-64	3.509E-66	0.	0.	1.415E-11	5.806E-33	1.000E+00	8.915E-91	7.000E+02
5.454E-55	1.000E-54	0.	0.	1.588E-09	2.493E-30	1.000E+00	6.432E-78	8.000E+02
2.855E-48	4.632E-34	0.	0.	3.764E-08	6.280E-24	1.000E+00	8.896E-69	9.000E+02
6.788E-43	3.159E-30	0.	2.667E-86	4.712E-07	7.957E-28	1.000E+00	1.732E-61	1.000E+03
1.688E-38	4.348E-47	0.	4.549E-76	3.694E-06	6.348E-27	1.000E+00	1.595E-55	1.100E+03
7.774E-35	1.805E-44	0.	1.524E-67	2.050E-05	3.565E-26	1.000E+00	1.491E-50	1.200E+03
4.615E-32	2.979E-42	0.	2.507E-60	8.719E-05	1.552E-25	9.959E-01	2.398E-46	1.300E+03
4.476E-29	2.361E-40	0.	3.628E-54	3.010E-04	5.450E-25	9.959E-01	9.671E-43	1.400E+03
4.036E-27	1.001E-38	2.507E-55	8.740E-49	6.791E-04	1.620E-24	9.987E-01	1.289E-39	1.500E+03
9.404E-25	2.305E-37	1.103E-51	4.250E-44	2.241E-03	4.218E-24	9.966E-01	6.493E-37	1.600E+03
5.669E-23	1.047E-35	6.015E-88	2.991E-40	5.100E-03	1.899E-23	9.923E-01	1.806E-34	1.700E+03
2.167E-21	1.032E-33	5.001E-83	1.302E-37	1.056E-02	4.354E-22	9.842E-01	2.513E-32	1.800E+03
5.039E-20	1.006E-31	2.518E-78	2.245E-35	2.012E-02	9.494E-21	9.654E-01	2.073E-30	1.900E+03
1.057E-18	1.410E-29	4.079E-74	2.249E-33	3.568E-02	1.547E-19	9.463E-01	1.094E-28	2.000E+03
1.495E-17	7.034E-28	2.676E-70	1.432E-31	5.925E-02	1.938E-16	9.107E-01	3.930E-27	2.100E+03
1.623E-16	2.469E-26	8.047E-67	6.143E-30	9.261E-02	1.921E-17	8.600E-01	1.009E-25	2.200E+03
1.473E-15	6.408E-25	1.233E-63	1.862E-28	1.366E-01	1.554E-16	7.927E-01	1.927E-24	2.300E+03
1.368E-14	1.260E-23	1.052E-60	4.145E-27	1.907E-01	1.049E-15	7.090E-01	2.433E-23	2.400E+03
6.766E-14	2.031E-22	5.397E-58	6.994E-26	2.522E-01	6.037E-15	6.124E-01	3.248E-22	2.500E+03
3.029E-13	2.647E-21	1.777E-55	4.199E-25	3.166E-01	3.012E-14	5.085E-01	3.122E-21	2.600E+03
1.705E-12	2.509E-20	3.470E-53	4.667E-24	3.764E-01	1.325E-13	4.050E-01	2.461E-20	2.700E+03
7.134E-12	2.740E-19	6.302E-51	8.303E-23	4.322E-01	5.220E-13	3.092E-01	1.655E-19	2.800E+03
2.701E-11	2.263E-18	7.666E-49	5.955E-22	4.741E-01	1.870E-12	2.265E-01	9.736E-19	2.900E+03
4.398E-11	1.714E-17	7.094E-47	3.639E-21	5.026E-01	6.184E-12	1.547E-01	5.131E-18	3.000E+03
3.051E-10	1.163E-16	5.348E-45	1.933E-20	5.166E-01	1.915E-11	1.088E-01	2.483E-17	3.100E+03
9.374E-10	7.638E-16	3.368E-43	4.083E-20	5.246E-01	5.627E-11	7.201E-02	1.129E-16	3.200E+03
2.727E-09	4.075E-15	1.815E-41	3.644E-19	5.241E-01	1.586E-10	4.663E-02	4.917E-16	3.300E+03
7.822E-09	2.730E-14	8.305E-40	1.488E-18	5.203E-01	4.314E-10	2.477E-02	2.075E-15	3.400E+03
2.149E-08	1.519E-13	3.452E-38	5.339E-18	5.156E-01	1.134E-09	1.851E-02	8.513E-15	3.500E+03
5.717E-08	6.002E-13	1.202E-36	1.798E-17	5.114E-01	2.875E-09	1.204E-02	3.388E-14	3.600E+03
1.470E-07	3.458E-12	3.586E-35	5.746E-17	5.080E-01	6.970E-09	7.734E-03	1.299E-13	3.700E+03
3.698E-07	1.805E-11	8.436E-34	1.762E-16	5.056E-01	1.609E-08	5.033E-03	4.771E-13	3.800E+03
8.724E-07	1.500E-11	1.844E-32	5.231E-16	5.038E-01	3.502E-08	3.326E-03	1.671E-12	3.900E+03
2.010E-06	2.916E-10	3.145E-31	1.517E-15	5.027E-01	7.166E-08	2.235E-03	5.567E-12	4.000E+03
4.467E-06	1.025E-09	4.433E-30	4.310E-15	5.019E-01	1.378E-07	1.527E-03	1.764E-11	4.100E+03
9.567E-06	3.315E-09	5.237E-29	1.201E-14	5.013E-01	2.503E-07	1.061E-03	5.324E-11	4.200E+03
1.490E-05	4.934E-08	5.274E-28	3.271E-14	5.009E-01	4.321E-07	7.448E-04	1.532E-10	4.300E+03
4.000E-05	2.784E-08	4.612E-27	8.686E-14	5.006E-01	7.142E-07	5.367E-04	4.214E-10	4.400E+03
7.805E-05	7.347E-08	3.559E-26	2.245E-13	5.004E-01	1.138E-06	3.902E-04	1.110E-09	4.500E+03
1.480E-04	1.037E-07	2.452E-25	5.634E-13	5.002E-01	1.754E-06	2.876E-04	2.808E-09	4.600E+03
2.734E-04	4.369E-07	1.521E-24	1.374E-12	4.999E-01	2.623E-06	2.147E-04	6.831E-09	4.700E+03
4.922E-04	9.401E-07	8.534E-23	3.287E-12	4.995E-01	3.612E-06	1.622E-04	1.602E-08	4.800E+03
8.650E-04	2.140E-06	4.344E-23	7.665E-12	4.989E-01	5.381E-06	1.239E-04	3.626E-08	4.900E+03
1.485E-03	4.717E-06	2.008E-22	1.753E-11	4.979E-01	7.374E-06	5.563E-05	7.932E-08	5.000E+03
2.494E-03	8.702E-06	8.452E-22	3.495E-11	4.963E-01	9.809E-06	7.450E-05	1.678E-07	5.100E+03
4.096E-03	1.639E-05	3.247E-21	6.706E-11	4.949E-01	1.267E-05	5.853E-05	3.436E-07	5.200E+03
6.578E-03	2.490E-05	1.140E-20	1.690E-10	4.901E-01	1.590E-05	4.631E-05	6.790E-07	5.300E+03
1.033E-02	5.117E-05	3.132E-20	4.020E-10	4.844E-01	1.946E-05	3.685E-05	1.295E-06	5.400E+03
1.543E-02	8.517E-05	1.132E-19	8.337E-10	4.761E-01	2.325E-05	2.945E-05	2.376E-06	5.500E+03
2.364E-02	1.374E-04	3.224E-19	1.677E-09	4.643E-01	2.722E-05	2.358E-05	4.175E-06	5.600E+03
3.432E-02	2.142E-04	8.717E-19	3.251E-09	4.600E-01	3.128E-05	1.687E-05	6.993E-06	5.700E+03
4.835E-02	3.237E-04	2.244E-18	6.041E-09	4.268E-01	3.535E-05	1.506E-05	1.111E-05	5.800E+03
6.593E-02	4.749E-04	5.539E-18	1.070E-08	4.001E-01	3.930E-05	1.194E-05	1.666E-05	5.900E+03
8.688E-02	6.774E-04	1.317E-17	1.602E-08	3.682E-01	4.303E-05	9.377E-06	2.350E-05	6.000E+03
1.106E-01	9.405E-04	3.024E-17	2.876E-08	3.321E-01	4.638E-05	7.275E-06	3.113E-05	6.100E+03
1.361E-01	1.273E-03	6.157E-17	4.356E-08	2.931E-01	4.921E-05	5.562E-06	3.878E-05	6.200E+03
1.621E-01	1.682E-03	1.466E-16	6.270E-08	2.533E-01	5.142E-05	4.184E-06	4.555E-05	6.300E+03
1.874E-01	2.174E-03	3.090E-16	8.605E-08	2.144E-01	5.294E-05	3.095E-06	5.067E-05	6.400E+03
2.118E-01	2.756E-03	6.393E-16	1.131E-07	1.780E-01	5.374E-05	2.253E-06	5.369E-05	6.500E+03
2.316E-01	3.432E-03	1.284E-15	1.432E-07	1.454E-01	5.385E-05	1.617E-06	5.456E-05	6.600E+03
2.494E-01	4.209E-03	2.545E-15	1.753E-07	1.172E-01	5.337E-05	1.146E-06	5.351E-05	6.700E+03
2.641E-01	5.091E-03	4.923E-15	2.087E-07	9.339E-02	5.239E-05	8.049E-07	5.098E-05	6.800E+03
2.758E-01	6.087E-03	9.340E-15	2.428E-07	7.385E-02	5.103E-05	5.617E-07	4.747E-05	6.900E+03
2.848E-01	7.203E-03	1.740E-14	2.771E-07	5.809E-02	4.940E-05	3.906E-07	4.341E-05	7.000E+03
2.915E-01	8.451E-03	3.165E-14	3.112E-07	4.555E-02	4.760E-05	2.712E-07	3.916E-05	7.100E+03
2.962E-01	9.838E-03	5.733E-14	3.453E-07	3.567E-02	4.570E-05	1.885E-07	3.496E-05	7.200E+03
2.993E-01	1.138E-02	1.016E-13	3.763E-07	2.793E-02	4.376E-05	1.312E-07	3.096E-05	7.300E+03
3.010E-01	1.308E-02	1.772E-13	4.110E-07	2.190E-02	4.183E-05	9.169E-08	2.731E-05	7.400E+03
3.017E-01	1.495E-02	3.046E-13	4.432E-07	1.720E-02	3.993E-05	6.432E-08	2.397E-05	7.500E+03
3.013E-01	1.700E-02	5.164E-13	4.746E-07	1.355E-02	3.867E-05	4.533E-08	2.098E-05	7.600E+03
3.002E-01	1.925E-02	8.637E-13	5.052E-07	1.069E-02	3.628E-05	3.210E-08	1.833E-05	7.700E+03
2.984E-01	2.170E-02	1.426E-12	5.348E-07	8.468E-03	3.456E-05	2.285E-08	1.599E-05	7.800E+03
2.959E-01	2.436E-02	2.324E-12	5.634E-07	6.725E-03	3.291E-05	1.634E-08	1.393E-05	7.900E+03
2.929E-01	2.724E-02	3.744E-12	5.906E-07	5.356E-03	3.133E-05	1.175E-08	1.212E-05	8.000E+03
2.894E-01	3.069E-02	4.384E-12	6.409E-07	3.420E-03	2.837E-05	6.160E-09	9.159E-06	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	4.376E-02	6.341E-01	2.662E-03	7.103E-10	2.250E-06	3.771E-06	2.534E-07	2.190E-11
8.600E+03	5.300E-02	6.273E-01	3.573E-03	2.575E-17	2.418E-06	3.103E-06	2.679E-07	2.000E-11
8.800E+03	6.342E-02	6.103E-01	4.744E-03	8.866E-17	2.572E-06	2.563E-06	2.626E-07	1.817E-11
9.000E+03	7.499E-02	6.102E-01	6.235E-03	2.911E-16	2.707E-06	2.124E-06	2.973E-07	1.640E-11
9.200E+03	8.768E-02	5.999E-01	8.119E-03	9.146E-16	2.819E-06	1.764E-06	3.120E-07	1.471E-11
9.400E+03	1.014E-01	5.885E-01	1.048E-02	2.759E-15	2.905E-06	1.467E-06	3.267E-07	1.309E-11
9.600E+03	1.160E-01	5.758E-01	1.342E-02	8.010E-15	2.964E-06	1.222E-06	3.411E-07	1.157E-11
9.800E+03	1.315E-01	5.619E-01	1.706E-02	2.244E-14	2.993E-06	1.018E-06	3.551E-07	1.015E-11
1.000E+04	1.475E-01	5.468E-01	2.151E-02	6.075E-14	2.993E-06	8.476E-07	3.684E-07	8.826E-12
1.020E+04	1.640E-01	5.304E-01	2.692E-02	1.593E-13	2.964E-06	7.047E-07	3.805E-07	7.610E-12
1.040E+04	1.809E-01	5.126E-01	3.341E-02	4.045E-13	2.907E-06	5.844E-07	3.910E-07	6.503E-12
1.060E+04	1.981E-01	4.935E-01	4.112E-02	9.959E-13	2.824E-06	4.829E-07	3.990E-07	5.504E-12
1.080E+04	2.154E-01	4.729E-01	5.015E-02	2.378E-12	2.719E-06	3.971E-07	4.040E-07	4.611E-12
1.100E+04	2.328E-01	4.509E-01	6.056E-02	5.504E-12	2.594E-06	3.244E-07	4.100E-07	3.81E-12
1.120E+04	2.503E-01	4.274E-01	7.236E-02	1.236E-11	2.452E-06	2.630E-07	4.05E-07	3.1E-12
1.140E+04	2.678E-01	4.026E-01	8.549E-02	2.691E-11	2.296E-06	2.113E-07	3.1E-07	2.531E-12
1.160E+04	2.853E-01	3.766E-01	9.983E-02	5.685E-11	2.129E-06	1.679E-07	3.790E-07	2.018E-12
1.180E+04	3.027E-01	3.497E-01	1.152E-01	1.166E-10	1.954E-06	1.319E-07	3.601E-07	1.586E-12
1.200E+04	3.198E-01	3.221E-01	1.313E-01	2.324E-10	1.776E-06	1.023E-07	3.367E-07	1.227E-12
1.220E+04	3.366E-01	2.944E-01	1.479E-01	4.506E-10	1.597E-06	7.831E-08	3.098E-07	9.345E-13
1.240E+04	3.528E-01	2.668E-01	1.646E-01	8.066E-10	1.420E-06	5.912E-08	2.804E-07	6.997E-13
1.260E+04	3.684E-01	2.389E-01	1.812E-01	1.566E-09	1.250E-06	4.403E-08	2.498E-07	5.153E-13
1.280E+04	3.831E-01	2.140E-01	1.972E-01	2.815E-09	1.089E-06	3.235E-08	2.191E-07	3.733E-13
1.300E+04	3.969E-01	1.895E-01	2.126E-01	4.948E-09	9.386E-07	2.348E-08	1.894E-07	2.663E-13
1.320E+04	4.096E-01	1.666E-01	2.270E-01	8.516E-09	8.015E-07	1.684E-08	1.616E-07	1.872E-13
1.340E+04	4.212E-01	1.456E-01	2.403E-01	1.437E-08	6.785E-07	1.195E-08	1.362E-07	1.299E-13
1.360E+04	4.316E-01	1.265E-01	2.524E-01	2.380E-08	5.699E-07	8.410E-09	1.136E-07	8.409E-14
1.380E+04	4.409E-01	1.094E-01	2.633E-01	3.874E-08	4.755E-07	5.874E-09	9.393E-08	6.052E-14
1.400E+04	4.491E-01	9.430E-02	2.729E-01	6.205E-08	3.946E-07	4.079E-09	7.706E-08	4.079E-14
1.420E+04	4.563E-01	8.103E-02	2.814E-01	9.787E-08	3.259E-07	2.821E-09	6.285E-08	2.733E-14
1.440E+04	4.625E-01	6.948E-02	2.888E-01	1.522E-07	2.683E-07	1.946E-09	5.103E-08	1.824E-14
1.460E+04	4.679E-01	5.950E-02	2.952E-01	2.335E-07	2.203E-07	1.341E-09	4.129E-08	1.214E-14
1.480E+04	4.725E-01	5.081E-02	3.007E-01	3.536E-07	1.807E-07	9.245E-10	3.334E-08	8.074E-15
1.500E+04	4.765E-01	4.357E-02	3.054E-01	5.293E-07	1.480E-07	6.381E-10	2.690E-08	5.373E-15
1.520E+04	4.799E-01	3.729E-02	3.095E-01	7.832E-07	1.213E-07	4.414E-10	2.170E-08	3.581E-15
1.540E+04	4.828E-01	3.195E-02	3.129E-01	1.147E-06	9.945E-08	3.062E-10	1.751E-08	2.393E-15
1.560E+04	4.852E-01	2.741E-02	3.158E-01	1.662E-06	8.162E-08	2.133E-10	1.415E-08	1.604E-15
1.580E+04	4.873E-01	2.365E-02	3.182E-01	2.385E-06	6.709E-08	1.491E-10	1.145E-08	1.080E-15
1.600E+04	4.892E-01	2.027E-02	3.203E-01	3.390E-06	5.525E-08	1.048E-10	9.285E-09	7.304E-16
1.620E+04	4.907E-01	1.747E-02	3.220E-01	4.778E-06	4.559E-08	7.399E-11	7.548E-09	4.965E-16
1.640E+04	4.921E-01	1.510E-02	3.235E-01	6.676E-06	3.771E-08	5.251E-11	6.151E-09	3.392E-16
1.660E+04	4.932E-01	1.307E-02	3.248E-01	9.253E-06	3.127E-08	3.747E-11	5.028E-09	2.331E-16
1.680E+04	4.943E-01	1.134E-02	3.258E-01	1.272E-05	2.599E-08	2.688E-11	4.121E-09	1.610E-16
1.700E+04	4.952E-01	9.867E-03	3.267E-01	1.736E-05	2.166E-08	1.939E-11	3.388E-09	1.119E-16
1.720E+04	4.960E-01	8.602E-03	3.273E-01	2.353E-05	1.811E-08	1.407E-11	2.794E-09	7.821E-17
1.740E+04	4.968E-01	7.516E-03	3.279E-01	3.165E-05	1.51E-09	1.026E-11	2.311E-09	5.498E-17
1.760E+04	4.976E-01	6.583E-03	3.283E-01	4.229E-05	1.275E-08	7.522E-12	1.917E-09	3.888E-17
1.780E+04	4.983E-01	5.778E-03	3.287E-01	5.614E-05	1.075E-08	5.545E-12	1.595E-09	2.765E-17
1.800E+04	4.990E-01	5.084E-03	3.289E-01	7.404E-05	9.080E-09	4.110E-12	1.332E-09	1.977E-17
1.820E+04	4.997E-01	4.483E-03	3.290E-01	9.705E-05	7.694E-09	3.061E-12	1.115E-09	1.422E-17
1.840E+04	5.005E-01	3.961E-03	3.289E-01	1.264E-04	6.538E-09	2.292E-12	9.356E-10	1.029E-17
1.860E+04	5.013E-01	3.508E-03	3.288E-01	1.637E-04	5.570E-09	1.725E-12	7.875E-10	7.482E-18
1.880E+04	5.021E-01	3.113E-03	3.286E-01	2.108E-04	4.758E-09	1.304E-12	6.646E-10	5.470E-18
1.900E+04	5.031E-01	2.769E-03	3.283E-01	2.699E-04	4.076E-09	9.908E-13	5.624E-10	4.021E-18
1.920E+04	5.041E-01	2.467E-03	3.278E-01	3.437E-04	3.500E-09	7.562E-13	4.770E-10	2.971E-18
1.940E+04	5.052E-01	2.203E-03	3.272E-01	4.352E-04	3.014E-09	5.797E-13	4.056E-10	2.206E-18
1.960E+04	5.065E-01	1.970E-03	3.265E-01	5.482E-04	2.601E-09	4.463E-13	3.456E-10	1.646E-18
1.980E+04	5.079E-01	1.766E-03	3.256E-01	6.868E-04	2.251E-09	3.451E-13	2.952E-10	1.234E-18
2.000E+04	5.094E-01	1.585E-03	3.246E-01	8.561E-04	1.952E-09	2.679E-13	2.526E-10	9.298E-19
2.020E+04	5.111E-01	1.426E-03	3.234E-01	1.062E-03	1.698E-09	2.087E-13	2.165E-10	7.036E-19
2.040E+04	5.129E-01	1.284E-03	3.221E-01	1.310E-03	1.479E-09	1.633E-13	1.960E-10	5.347E-19
2.060E+04	5.149E-01	1.159E-03	3.206E-01	1.609E-03	1.292E-09	1.282E-13	1.600E-10	4.081E-19
2.080E+04	5.171E-01	1.047E-03	3.189E-01	1.966E-03	1.131E-09	1.009E-13	1.378E-10	3.127E-19
2.100E+04	5.194E-01	9.474E-04	3.171E-01	2.392E-03	9.915E-10	7.976E-14	1.189E-10	2.405E-19
2.120E+04	5.218E-01	8.584E-04	3.151E-01	2.896E-03	8.711E-10	6.321E-14	1.027E-10	1.856E-19
2.140E+04	5.243E-01	7.787E-04	3.128E-01	3.491E-03	7.666E-10	5.024E-14	8.887E-11	1.438E-19
2.160E+04	5.270E-01	7.072E-04	3.104E-01	4.190E-03	6.758E-10	4.003E-14	7.644E-11	1.117E-19
2.180E+04	5.298E-01	6.430E-04	3.078E-01	5.007E-03	5.967E-10	3.198E-14	6.667E-11	8.704E-20
2.200E+04	5.327E-01	5.852E-04	3.050E-01	5.959E-03	5.27E-10	2.560E-14	5.782E-11	6.799E-20
2.220E+04	5.356E-01	5.380E-04	3.020E-01	7.062E-03	4.669E-10	2.053E-14	5.017E-11	5.324E-20
2.240E+04	5.386E-01	4.858E-04	2.988E-01	8.337E-03	4.137E-10	1.650E-14	4.354E-11	4.178E-20
2.260E+04	5.416E-01	4.431E-04	2.953E-01	9.801E-03	3.669E-10	1.328E-14	3.780E-11	3.284E-20
2.280E+04	5.447E-01	4.043E-04	2.916E-01	1.148E-02	3.257E-10	1.070E-14	3.282E-11	2.486E-20
2.300E+04	5.478E-01	3.690E-04	2.877E-01	1.339E-02	2.892E-10	8.626E-15	2.848E-11	2.38E-20
2.320E+04	5.510E-01	3.369E-04	2.835E-01	1.555E-02	2.570E-10	6.960E-15	2.470E-11	1.608E-20
2.340E+04	5.541E-01	3.076E-04	2.790E-01	1.799E-02	2.284E-10	5.618E-15	2.141E-11	1.269E-20
2.360E+04	5.573E-01	2.809E-04	2.741E-01	2.073E-02	2.030E-10	4.534E-15	1.853E-11	1.002E-20
2.380E+04	5.605E-01	2.563E-04	2.690E-01	2.379E-02	1.804E-10	3.658E-15	1.602E-11	7.911E-21
2.400E+04	5.637E-01	2.338E-04	2.634E-01	2.718E-02	1.603E-10	2.949E-15	1.382E-11	6.242E-21
2.420E+04	5.670E-01	2.132E-04	2.576E-01	3.092E-02	1.423E-10	2.375E-15	1.190E-11	4.921E-21
2.440E+04	5.702E-01	1.942E-04	2.513E-01	3.502E-02	1.263E-10	1.901E-15	1.022E-11	3.875E-21
2.460E+04	5.736E-01	1.787E-04	2.446E-01	3.947E-02	1.120E-10	1.532E-15	8.747E-12	3.046E-21
2.480E+04	5.770E-01	1.606E-04	2.376E-01	4.428E-02	9.926E-11	1.227E-15	7.465E-12	2.390E-21
2.500E+04	5.804E-01	1.458E-04	2.302E-01	4.944E-02	8.784E-11	9.801E-16	6.348E-12	1.871E-21

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CU2	C2	T
2.762E-01	4.108E-02	2.252E-11	6.837E-07	2.214E-03	2.566E-05	3.286E-09	6.894E-06	8.400E+03
2.653E-01	4.941E-02	5.142E-11	7.173E-07	1.444E-03	2.317E-05	1.780E-09	5.164E-06	8.600E+03
2.524E-01	5.866E-02	1.152E-10	7.402E-07	4.486E-04	2.088E-05	4.773E-10	3.845E-06	8.800E+03
2.392E-01	6.874E-02	2.408E-10	7.511E-07	8.206E-04	1.876E-05	5.423E-10	2.841E-06	9.000E+03
2.243E-01	7.955E-02	5.111E-10	7.494E-07	4.156E-04	1.679E-05	3.035E-10	2.081E-06	9.200E+03
2.084E-01	9.091E-02	1.025E-09	7.350E-07	2.764E-04	1.496E-05	1.710E-10	1.508E-06	9.400E+03
1.944E-01	1.026E-01	1.995E-09	7.084E-07	1.840E-04	1.327E-05	9.676E-11	1.080E-06	9.600E+03
1.750E-01	1.144E-01	3.773E-09	6.712E-07	1.225E-04	1.169E-05	5.91E-11	7.638E-07	9.800E+03
1.581E-01	1.260E-01	6.943E-09	6.252E-07	8.151E-05	1.024E-05	3.120E-11	5.332E-07	1.000E+04
1.415E-01	1.371E-01	1.243E-08	5.731E-07	5.413E-05	8.912E-06	1.773E-11	3.674E-07	1.020E+04
1.255E-01	1.475E-01	2.170E-08	5.174E-07	3.566E-05	7.695E-06	1.006E-11	2.499E-07	1.040E+04
1.103E-01	1.567E-01	3.696E-08	4.606E-07	2.369E-05	6.592E-06	5.692E-12	1.680E-07	1.060E+04
9.630E-02	1.652E-01	6.149E-08	4.044E-07	1.561E-05	5.601E-06	3.210E-12	1.118E-07	1.080E+04
8.348E-02	1.722E-01	1.000E-07	3.521E-07	1.025E-05	4.718E-06	1.802E-12	7.373E-08	1.100E+04
7.195E-02	1.779E-01	1.592E-07	3.033E-07	6.712E-06	3.940E-06	1.006E-12	4.827E-08	1.120E+04
6.172E-02	1.823E-01	2.483E-07	2.593E-07	4.930E-06	3.262E-06	5.580E-13	3.143E-08	1.140E+04
5.275E-02	1.855E-01	3.800E-07	2.201E-07	2.844E-06	2.676E-06	3.073E-13	2.038E-08	1.160E+04
4.494E-02	1.875E-01	5.717E-07	1.858E-07	1.847E-06	2.177E-06	1.674E-13	1.319E-08	1.180E+04
3.820E-02	1.885E-01	8.467E-07	1.560E-07	1.544E-06	1.756E-06	9.098E-14	8.519E-09	1.200E+04
3.242E-02	1.887E-01	1.236E-06	1.305E-07	7.088E-07	1.406E-06	4.886E-14	5.504E-09	1.220E+04
2.748E-02	1.882E-01	1.782E-06	1.087E-07	4.937E-07	1.117E-06	2.600E-14	3.559E-09	1.240E+04
2.328E-02	1.872E-01	2.540E-06	9.026E-08	3.161E-07	8.816E-07	1.372E-14	2.305E-09	1.260E+04
1.972E-02	1.859E-01	3.588E-06	7.473E-08	4.020E-07	6.917E-07	7.183E-15	1.457E-09	1.280E+04
1.672E-02	1.843E-01	5.014E-06	6.172E-08	2.288E-07	5.400E-07	3.733E-15	9.750E-10	1.300E+04
1.418E-02	1.826E-01	6.967E-06	5.088E-08	8.211E-08	4.199E-07	1.929E-15	6.375E-10	1.320E+04
1.204E-02	1.809E-01	9.407E-06	4.134E-08	5.234E-08	3.255E-07	9.920E-16	4.194E-10	1.340E+04
1.025E-02	1.792E-01	1.316E-05	3.446E-08	3.339E-08	2.517E-07	5.088E-16	2.772E-10	1.360E+04
8.737E-03	1.776E-01	1.793E-05	2.834E-08	2.134E-08	1.945E-07	2.607E-16	1.844E-10	1.380E+04
7.466E-03	1.761E-01	2.429E-05	2.331E-08	1.368E-08	1.503E-07	1.336E-16	1.234E-10	1.400E+04
6.398E-03	1.746E-01	3.273E-05	1.919E-08	8.604E-09	1.162E-07	6.866E-17	8.319E-11	1.420E+04
5.495E-03	1.736E-01	4.386E-05	1.582E-08	5.642E-09	8.941E-08	3.541E-17	5.647E-11	1.440E+04
4.734E-03	1.726E-01	5.847E-05	1.306E-08	3.699E-09	6.973E-08	1.836E-17	3.861E-11	1.460E+04
4.090E-03	1.717E-01	7.737E-05	1.080E-08	2.419E-09	5.421E-08	9.580E-18	2.660E-11	1.480E+04
3.545E-03	1.709E-01	1.024E-04	8.952E-09	1.591E-09	4.227E-08	5.036E-18	1.846E-11	1.500E+04
3.041E-03	1.702E-01	1.444E-04	7.437E-09	1.034E-09	3.307E-08	2.670E-18	1.290E-11	1.520E+04
2.688E-03	1.695E-01	1.955E-04	6.194E-09	7.032E-10	2.596E-08	1.424E-18	9.082E-12	1.540E+04
2.348E-03	1.690E-01	2.279E-04	5.172E-09	4.725E-10	2.046E-08	7.705E-19	6.438E-12	1.560E+04
2.059E-03	1.685E-01	2.945E-04	4.330E-09	3.198E-10	1.618E-08	4.203E-19	4.596E-12	1.580E+04
1.811E-03	1.681E-01	3.786E-04	3.634E-09	2.181E-10	1.284E-08	2.314E-19	3.302E-12	1.600E+04
1.598E-03	1.677E-01	4.843E-04	3.059E-09	1.498E-10	1.024E-08	1.287E-19	2.388E-12	1.620E+04
1.411E-03	1.673E-01	6.162E-04	2.581E-09	1.036E-10	8.191E-09	7.235E-20	1.738E-12	1.640E+04
1.251E-03	1.669E-01	7.692E-04	2.184E-09	7.222E-11	6.575E-09	4.107E-20	1.272E-12	1.660E+04
1.111E-03	1.665E-01	9.827E-04	1.853E-09	5.069E-11	5.303E-09	2.355E-20	9.363E-13	1.680E+04
9.877E-04	1.660E-01	1.232E-03	1.575E-09	3.582E-11	4.291E-09	1.364E-20	6.429E-13	1.700E+04
8.833E-04	1.658E-01	1.536E-03	1.343E-09	2.548E-11	3.483E-09	7.975E-21	5.155E-13	1.720E+04
7.900E-04	1.655E-01	1.906E-03	1.147E-09	1.824E-11	2.837E-09	4.708E-21	3.853E-13	1.740E+04
7.080E-04	1.644E-01	2.354E-03	9.023E-10	1.314E-11	2.319E-09	2.805E-21	2.893E-13	1.760E+04
6.366E-04	1.637E-01	2.843E-03	6.428E-10	9.523E-12	1.900E-09	1.686E-21	2.181E-13	1.780E+04
5.715E-04	1.624E-01	3.537E-03	7.245E-10	6.940E-12	1.562E-09	1.022E-21	1.651E-13	1.800E+04
5.146E-04	1.619E-01	4.304E-03	6.238E-10	5.086E-12	1.287E-09	6.250E-22	1.254E-13	1.820E+04
4.640E-04	1.608E-01	5.210E-03	5.381E-10	3.746E-12	1.063E-09	3.851E-22	9.550E-14	1.840E+04
4.189E-04	1.596E-01	6.274E-03	4.647E-10	2.773E-12	8.798E-10	2.391E-22	7.293E-14	1.860E+04
3.784E-04	1.581E-01	7.518E-03	4.019E-10	2.061E-12	7.295E-10	1.495E-22	5.581E-14	1.880E+04
3.421E-04	1.563E-01	8.975E-03	3.475E-10	1.539E-12	6.058E-10	9.416E-23	4.279E-14	1.900E+04
3.094E-04	1.544E-01	1.062E-02	3.014E-10	1.153E-12	5.037E-10	5.967E-23	3.284E-14	1.920E+04
2.799E-04	1.521E-01	1.251E-02	2.613E-10	8.670E-13	4.142E-10	3.804E-23	2.522E-14	1.940E+04
2.531E-04	1.496E-01	1.466E-02	2.266E-10	6.339E-13	3.490E-10	2.438E-23	1.937E-14	1.960E+04
2.289E-04	1.477E-01	1.738E-02	1.965E-10	4.946E-13	2.907E-10	1.571E-23	1.487E-14	1.980E+04
2.088E-04	1.455E-01	1.977E-02	1.704E-10	3.749E-13	2.421E-10	1.017E-23	1.141E-14	2.000E+04
1.867E-04	1.430E-01	2.275E-02	1.477E-10	2.847E-13	2.016E-10	6.607E-24	8.738E-15	2.020E+04
1.684E-04	1.402E-01	2.601E-02	1.275E-10	2.166E-13	1.677E-10	4.310E-24	6.880E-15	2.040E+04
1.516E-04	1.320E-01	2.955E-02	1.107E-10	1.644E-13	1.394E-10	2.821E-24	5.093E-15	2.060E+04
1.363E-04	1.275E-01	3.335E-02	9.570E-11	1.257E-13	1.157E-10	1.852E-24	3.871E-15	2.080E+04
1.224E-04	1.227E-01	3.739E-02	8.201E-11	9.588E-14	9.593E-11	1.216E-24	2.933E-15	2.100E+04
1.096E-04	1.176E-01	4.165E-02	7.120E-11	7.314E-14	7.938E-11	8.031E-25	2.214E-15	2.120E+04
9.796E-05	1.124E-01	4.608E-02	6.125E-11	5.579E-14	6.555E-11	5.304E-25	1.605E-15	2.140E+04
8.737E-05	1.069E-01	5.065E-02	5.260E-11	4.254E-14	4.02E-11	3.507E-25	1.246E-15	2.160E+04
7.773E-05	1.013E-01	5.532E-02	4.508E-11	3.242E-14	3.442E-11	2.321E-25	9.288E-16	2.180E+04
6.900E-05	9.508E-02	6.033E-02	3.855E-11	2.470E-14	3.644E-11	1.538E-25	6.891E-16	2.200E+04
6.111E-05	9.000E-02	6.474E-02	3.290E-11	1.880E-14	2.943E-11	1.014E-25	5.089E-16	2.220E+04
5.399E-05	8.435E-02	6.940E-02	2.802E-11	1.429E-14	2.435E-11	6.756E-26	3.742E-16	2.240E+04
4.759E-05	7.877E-02	7.397E-02	2.382E-11	1.086E-14	1.984E-11	4.479E-26	2.740E-16	2.260E+04
4.187E-05	7.332E-02	7.840E-02	2.021E-11	8.240E-15	1.612E-11	2.970E-26	1.998E-16	2.280E+04
3.676E-05	6.802E-02	8.267E-02	1.715E-11	6.247E-15	1.307E-11	1.968E-26	1.452E-16	2.300E+04
3.221E-05	6.293E-02	8.672E-02	1.447E-11	4.732E-15	1.057E-11	1.304E-26	1.051E-16	2.320E+04
2.849E-05	5.805E-02	9.055E-02	1.221E-11	3.580E-15	8.531E-12	8.633E-27	7.588E-17	2.340E+04
2.463E-05	5.342E-02	9.413E-02	1.030E-11	2.706E-15	6.870E-12	5.712E-27	5.463E-17	2.360E+04
2.149E-05	4.905E-02	9.743E-02	8.673E-12	2.044E-15	5.521E-12	3.776E-27	3.925E-17	2.380E+04
1.874E-05	4.495E-02	1.005E-01	7.294E-12	1.542E-15	4.427E-12	2.494E-27	2.815E-17	2.400E+04
1.632E-05	4.111E-02	1.032E-01	6.139E-12	1.162E-15	3.543E-12	1.645E-27	2.016E-17	2.420E+04
1.421E-05	3.755E-02	1.057E-01	5.162E-12	8.753E-16	2.829E-12	1.084E-27	1.442E-17	2.440E+04
1.237E-05	3.424E-02	1.079E-01	4.339E-12	6.595E-16	2.255E-12	7.127E-28	1.032E-17	2.460E+04
1.076E-05	3.124E-02	1.098E-01	3.648E-12	4.941E-16	1.794E-12	4.679E-28	7.376E-18	2.480E+04
9.304E-06	2.839E-02	1.115E-01	3.067E-12	3.716E-16	1.424E-12	3.066E-28	5.276E-18	2.500E+04

Table II. - Continued.

P/PO = 8.00E-02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.664E-11	1.760E-18	0.
2.000E+02	0.	2.785E-67	0.	0.	0.	5.500E-11	1.760E-18	0.
3.000E+02	0.	1.258E-45	1.114E-79	0.	0.	5.598E-11	1.760E-18	0.
4.000E+02	0.	8.599E-35	2.947E-62	0.	0.	5.030E-11	1.760E-18	0.
5.000E+02	0.	2.882E-28	8.705E-52	0.	0.	4.711E-11	1.760E-18	0.
6.000E+02	1.346E-92	6.643E-24	8.229E-45	0.	0.	4.836E-11	1.760E-18	0.
7.000E+02	6.838E-78	9.708E-21	7.383E-40	0.	1.690E-89	5.836E-11	1.760E-18	9.481E-83
8.000E+02	9.208E-66	8.029E-18	1.117E-36	0.	6.357E-76	8.067E-10	1.760E-18	1.613E-70
9.000E+02	7.534E-56	2.548E-15	1.960E-34	0.	1.154E-64	1.817E-08	1.760E-18	4.480E-60
1.000E+03	6.768E-48	2.640E-13	1.215E-32	0.	1.226E-55	2.254E-07	1.760E-18	1.070E-51
1.100E+03	2.222E-41	1.172E-11	3.573E-31	0.	2.977E-48	1.767E-06	1.760E-18	7.643E-45
1.200E+03	6.080E-36	2.772E-10	6.009E-30	0.	4.243E-42	9.802E-06	1.760E-18	3.916E-39
1.300E+03	2.457E-31	4.083E-09	5.737E-29	0.	6.811E-37	4.170E-05	1.760E-18	2.643E-34
1.400E+03	2.207E-27	4.007E-08	5.125E-28	0.	1.978E-32	1.439E-04	1.760E-18	3.628E-30
1.500E+03	5.944E-24	2.932E-07	3.048E-27	0.	1.454E-28	4.203E-04	1.760E-18	1.393E-26
1.600E+03	5.993E-21	1.673E-06	1.459E-26	0.	3.491E-25	1.071E-03	1.765E-18	1.891E-23
1.700E+03	1.473E-18	7.777E-06	1.065E-25	0.	1.827E-22	2.436E-03	3.235E-18	5.965E-21
1.800E+03	3.211E-17	3.043E-05	3.840E-24	0.	7.724E-21	5.035E-03	3.402E-17	1.604E-19
1.900E+03	3.740E-16	1.029E-04	1.290E-22	0.	1.605E-19	9.579E-03	3.781E-16	2.223E-18
2.000E+03	3.337E-15	3.067E-04	3.125E-21	0.	2.404E-18	1.693E-02	3.364E-15	2.283E-17
2.100E+03	2.404E-14	8.192E-04	5.616E-20	4.919E-37	2.726E-17	2.800E-02	2.426E-14	1.834E-16
2.200E+03	1.439E-13	1.985E-03	7.790E-19	8.481E-83	2.431E-16	4.347E-02	1.453E-13	1.185E-15
2.300E+03	7.306E-13	4.407E-03	8.622E-18	6.486E-79	1.749E-15	6.354E-02	7.385E-13	6.278E-15
2.400E+03	3.202E-12	9.031E-03	7.831E-17	2.400E-75	1.036E-14	8.750E-02	3.239E-12	2.769E-14
2.500E+03	1.228E-11	1.718E-02	9.977E-16	4.792E-72	5.133E-14	1.135E-01	1.243E-11	1.029E-13
2.600E+03	4.173E-11	3.051E-02	3.909E-15	5.267E-69	2.158E-13	1.387E-01	4.224E-11	3.247E-13
2.700E+03	1.268E-10	5.075E-02	2.230E-14	3.602E-66	7.777E-13	1.595E-01	1.283E-10	8.771E-13
2.800E+03	3.474E-10	7.987E-02	1.125E-13	1.590E-63	2.427E-12	1.725E-01	3.513E-10	2.040E-12
2.900E+03	8.650E-10	1.170E-01	5.083E-13	4.758E-61	6.609E-12	1.755E-01	8.735E-10	4.109E-12
3.000E+03	1.969E-09	1.631E-01	2.080E-12	1.007E-58	1.592E-11	1.677E-01	1.984E-09	7.199E-12
3.100E+03	4.120E-09	2.164E-01	7.779E-12	1.561E-56	3.352E-11	1.505E-01	4.139E-09	1.102E-11
3.200E+03	7.971E-09	2.701E-01	2.681E-11	1.830E-54	6.321E-11	1.270E-01	7.971E-09	1.480E-11
3.300E+03	1.435E-08	3.227E-01	8.570E-11	1.663E-52	1.070E-10	1.010E-01	1.424E-08	7.70E-11
3.400E+03	2.421E-08	3.691E-01	2.556E-10	1.194E-50	1.646E-10	7.618E-02	2.375E-08	1.877E-11
3.500E+03	3.970E-08	4.068E-01	7.139E-10	6.871E-49	2.336E-10	5.504E-02	3.722E-08	1.831E-11
3.600E+03	5.931E-08	4.363E-01	1.872E-09	3.178E-47	3.116E-10	3.858E-02	5.520E-08	1.674E-11
3.700E+03	8.828E-08	4.557E-01	4.614E-09	1.213E-45	3.957E-10	2.658E-02	7.785E-08	1.471E-11
3.800E+03	1.293E-07	4.698E-01	1.067E-08	3.712E-44	4.985E-10	1.819E-02	1.047E-07	1.271E-11
3.900E+03	1.884E-07	4.794E-01	2.312E-08	9.203E-43	6.189E-10	1.248E-02	1.345E-07	1.100E-11
4.000E+03	2.759E-07	4.858E-01	4.699E-08	1.850E-41	7.723E-10	8.417E-03	1.649E-07	9.723E-12
4.100E+03	4.078E-07	4.901E-01	8.915E-08	3.036E-40	9.750E-10	6.013E-03	1.934E-07	8.792E-12
4.200E+03	6.084E-07	4.930E-01	1.596E-07	4.124E-39	1.247E-09	4.247E-03	2.181E-07	8.165E-12
4.300E+03	9.138E-07	4.980E-01	2.712E-07	4.722E-38	1.612E-09	3.039E-03	2.380E-07	7.767E-12
4.400E+03	1.376E-06	4.984E-01	4.407E-07	4.649E-37	2.099E-09	2.203E-03	2.530E-07	7.535E-12
4.500E+03	2.068E-06	4.974E-01	6.894E-07	4.006E-36	2.741E-09	1.617E-03	2.637E-07	7.427E-12
4.600E+03	3.098E-06	4.981E-01	1.044E-06	3.061E-35	3.582E-09	1.203E-03	2.705E-07	7.410E-12
4.700E+03	4.621E-06	4.986E-01	1.534E-06	2.096E-34	4.680E-09	9.048E-04	2.738E-07	7.478E-12
4.800E+03	6.664E-06	4.991E-01	2.193E-06	1.294E-33	6.116E-09	6.887E-04	2.736E-07	7.630E-12
4.900E+03	1.017E-05	4.995E-01	3.050E-06	7.228E-33	8.008E-09	5.301E-04	2.699E-07	7.878E-12
5.000E+03	1.507E-05	5.000E-01	4.127E-06	3.664E-32	1.052E-08	4.123E-04	2.627E-07	8.244E-12
5.100E+03	2.235E-05	5.006E-01	5.435E-06	1.689E-31	1.390E-08	3.241E-04	2.520E-07	8.752E-12
5.200E+03	3.321E-05	5.014E-01	6.971E-06	7.112E-31	1.846E-08	2.573E-04	2.384E-07	9.433E-12
5.300E+03	4.945E-05	5.025E-01	8.725E-06	2.750E-30	2.468E-08	2.064E-04	2.228E-07	1.032E-11
5.400E+03	7.363E-05	5.042E-01	1.069E-05	9.847E-30	3.312E-08	1.673E-04	2.063E-07	1.143E-11
5.500E+03	1.093E-04	5.067E-01	1.289E-05	3.298E-29	4.454E-08	1.371E-04	1.900E-07	1.280E-11
5.600E+03	1.614E-04	5.102E-01	1.535E-05	1.045E-28	5.982E-08	1.137E-04	1.750E-07	1.444E-11
5.700E+03	2.359E-04	5.181E-01	1.816E-05	3.168E-28	8.000E-08	9.535E-05	1.620E-07	1.637E-11
5.800E+03	3.405E-04	5.215E-01	2.144E-05	9.285E-28	1.062E-07	8.100E-05	1.514E-07	1.850E-11
5.900E+03	4.836E-04	5.296E-01	2.537E-05	2.655E-27	1.395E-07	6.967E-05	1.434E-07	2.107E-11
6.000E+03	6.744E-04	5.384E-01	3.018E-05	7.464E-27	1.809E-07	8.065E-05	1.380E-07	2.378E-11
6.100E+03	9.223E-04	5.507E-01	3.613E-05	2.073E-26	2.311E-07	5.334E-05	1.349E-07	2.664E-11
6.200E+03	1.236E-03	5.630E-01	4.356E-05	5.702E-26	2.904E-07	4.731E-05	1.341E-07	2.955E-11
6.300E+03	1.624E-03	5.789E-01	5.296E-05	1.554E-25	3.585E-07	4.221E-05	1.350E-07	3.237E-11
6.400E+03	2.093E-03	5.885E-01	6.449E-05	4.207E-25	4.347E-07	3.779E-05	1.375E-07	3.496E-11
6.500E+03	2.649E-03	6.005E-01	7.897E-05	1.126E-24	5.178E-07	3.388E-05	1.412E-07	3.719E-11
6.600E+03	3.298E-03	6.114E-01	9.690E-05	2.980E-24	6.066E-07	3.037E-05	1.457E-07	3.897E-11
6.700E+03	4.046E-03	6.208E-01	1.190E-04	7.780E-24	6.995E-07	2.721E-05	1.510E-07	4.027E-11
6.800E+03	4.900E-03	6.287E-01	1.460E-04	2.000E-23	7.954E-07	2.434E-05	1.568E-07	4.107E-11
6.900E+03	5.867E-03	6.381E-01	1.788E-04	5.055E-23	8.935E-07	2.175E-05	1.629E-07	4.142E-11
7.000E+03	6.955E-03	6.401E-01	2.184E-04	1.255E-22	9.930E-07	1.942E-05	1.693E-07	4.137E-11
7.100E+03	8.174E-03	6.478E-01	2.661E-04	3.059E-22	1.094E-06	1.733E-05	1.760E-07	4.101E-11
7.200E+03	9.535E-03	6.486E-01	3.231E-04	7.312E-22	1.195E-06	1.547E-05	1.827E-07	4.040E-11
7.300E+03	1.105E-02	6.483E-01	3.908E-04	1.715E-21	1.297E-06	1.382E-05	1.897E-07	3.959E-11
7.400E+03	1.272E-02	6.484E-01	4.709E-04	3.944E-21	1.400E-06	1.235E-05	1.967E-07	3.864E-11
7.500E+03	1.458E-02	6.498E-01	5.653E-04	8.900E-21	1.503E-06	1.105E-05	2.038E-07	3.760E-11
7.600E+03	1.662E-02	6.497E-01	6.759E-04	1.971E-20	1.607E-06	9.904E-06	2.110E-07	3.649E-11
7.700E+03	1.886E-02	6.492E-01	8.052E-04	4.866E-20	1.711E-06	8.887E-06	2.182E-07	3.533E-11
7.800E+03	2.132E-02	6.482E-01	9.557E-04	9.156E-20	1.815E-06	7.986E-06	2.256E-07	3.415E-11
7.900E+03	2.400E-02	6.469E-01	1.130E-03	1.922E-19	1.919E-06	7.187E-06	2.330E-07	3.296E-11
8.000E+03	2.692E-02	6.453E-01	1.332E-03	3.968E-19	2.023E-06	6.478E-06	2.405E-07	3.177E-11
8.200E+03	3.351E-02	6.412E-01	1.831E-03	1.612E-18	2.227E-06	5.283E-06	2.556E-07	2.939E-11

Table II. - Continued.

P/PD = 8.00E-02

C	C+	C++	C-	CO	CO+	CC2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.120E-64	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.272E-40	4.712E-60	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.859E-27	2.061E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.809E-20	5.139E-47	1.000E+00	0.	5.000E+02
4.692E-76	5.225E-79	0.	0.	4.191E-15	8.553E-39	1.000E+00	0.	6.000E+02
2.852E-64	2.156E-66	0.	0.	1.283E-11	4.945E-33	1.000E+00	6.885E-91	7.000E+02
4.984E-55	6.723E-59	0.	0.	1.518E-09	2.489E-30	1.000E+00	6.138E-78	8.000E+02
2.647E-48	4.434E-50	0.	0.	3.624E-08	6.280E-29	1.000E+00	8.507E-69	9.000E+02
6.210E-43	3.021E-50	0.	2.334E-86	4.507E-07	7.957E-28	1.000E+00	1.657E-61	1.000E+03
1.542E-38	4.158E-47	0.	3.980E-76	3.533E-06	6.348E-27	1.000E+00	1.526E-55	1.100E+03
7.112E-35	1.726E-44	0.	1.338E-67	1.460E-05	3.585E-26	1.000E+00	1.426E-50	1.200E+03
8.979E-32	2.850E-42	0.	2.194E-60	8.340E-05	1.552E-25	9.959E-01	2.243E-46	1.300E+03
4.095E-29	2.278E-40	0.	3.350E-54	2.679E-04	5.450E-25	9.956E-01	9.250E-43	1.400E+03
8.603E-25	2.853E-37	1.102E-91	7.653E-49	1.620E-24	9.987E-01	1.233E-39	1.500E+03	1.500E+03
5.187E-23	4.912E-36	5.955E-88	2.771E-40	2.143E-03	4.215E-24	9.968E-01	6.684E-37	1.600E+03
1.983E-21	1.432E-33	4.709E-83	1.243E-37	1.010E-02	3.994E-22	9.927E-01	1.728E-34	1.700E+03
5.160E-20	1.668E-31	2.108E-78	2.148E-35	1.926E-02	8.692E-21	9.848E-01	2.404E-32	1.800E+03
9.677E-19	1.239E-29	3.411E-74	2.153E-33	3.418E-02	1.418E-19	9.711E-01	1.44E-30	1.900E+03
1.368E-17	6.855E-28	2.228E-70	1.372E-31	5.681E-02	1.775E-18	9.486E-01	1.000E+03	2.000E+03
1.514E-16	2.159E-26	6.716E-67	5.896E-30	8.893E-02	1.760E-17	9.144E-01	3.766E-27	2.100E+03
1.531E-15	5.595E-25	1.027E-63	1.791E-28	1.315E-01	1.476E-16	8.658E-01	9.677E-26	2.200E+03
4.969E-15	1.117E-23	8.702E-61	3.998E-27	1.840E-01	9.636E-16	8.006E-01	1.851E-24	2.300E+03
6.217E-14	1.712E-22	4.468E-58	6.769E-26	2.442E-01	5.550E-15	7.195E-01	2.726E-23	2.400E+03
3.338E-13	2.304E-21	1.464E-55	8.941E-25	3.079E-01	2.772E-14	6.251E-01	3.182E-22	2.500E+03
1.570E-12	2.512E-20	3.253E-53	9.440E-24	3.698E-01	1.221E-13	5.228E-01	3.019E-21	2.600E+03
5.72E-12	2.370E-19	5.160E-51	8.144E-23	4.244E-01	4.012E-13	4.200E-01	2.385E-20	2.700E+03
2.488E-11	1.963E-18	6.108E-49	5.874E-22	4.679E-01	1.724E-12	3.237E-01	1.606E-19	2.800E+03
8.645E-11	1.463E-17	5.617E-47	3.607E-21	4.985E-01	5.692E-11	2.396E-01	9.441E-19	2.900E+03
2.799E-10	1.000E-16	4.170E-45	1.923E-20	5.164E-01	1.758E-11	1.708E-01	4.962E-18	3.000E+03
8.500E-10	6.379E-16	2.576E-43	9.068E-20	5.242E-01	5.142E-11	1.176E-01	2.388E-17	3.100E+03
2.502E-09	3.851E-15	1.361E-41	3.844E-19	5.248E-01	1.441E-10	7.872E-02	1.076E-16	3.200E+03
7.051E-09	2.217E-14	6.226E-40	1.484E-18	5.251E-01	3.895E-10	5.149E-02	4.630E-14	3.300E+03
1.924E-08	1.213E-13	2.479E-38	5.337E-18	5.169E-01	1.018E-09	3.318E-02	1.927E-15	3.400E+03
5.008E-08	6.353E-13	8.546E-37	1.794E-17	5.125E-01	2.570E-09	2.122E-02	7.800E-15	3.500E+03
1.302E-07	3.116E-12	2.522E-35	5.712E-17	5.089E-01	6.227E-09	1.359E-02	3.067E-14	3.600E+03
3.220E-07	1.422E-11	6.281E-34	1.742E-16	5.062E-01	1.458E-08	8.763E-03	1.165E-13	3.700E+03
7.079E-07	2.985E-11	1.305E-34	5.137E-16	5.043E-01	3.142E-08	5.718E-03	4.247E-13	3.800E+03
1.766E-06	3.511E-10	2.248E-31	1.477E-15	5.030E-01	6.469E-08	3.786E-03	1.480E-12	3.900E+03
3.921E-06	8.176E-10	3.213E-30	4.162E-15	5.021E-01	1.253E-07	2.547E-03	4.912E-12	4.000E+03
8.406E-06	2.660E-09	3.847E-29	1.150E-14	5.015E-01	2.292E-07	1.742E-03	1.553E-11	4.100E+03
1.743E-05	8.019E-09	3.922E-28	3.112E-14	5.011E-01	3.981E-07	1.211E-03	4.678E-11	4.200E+03
3.504E-05	2.258E-08	3.465E-27	8.215E-14	5.007E-01	6.615E-07	8.550E-04	1.345E-10	4.300E+03
6.835E-05	3.964E-06	2.696E-26	2.114E-13	5.005E-01	1.058E-06	6.129E-04	3.695E-10	4.400E+03
1.246E-04	1.505E-07	1.871E-25	5.284E-13	5.002E-01	1.638E-06	4.457E-04	9.736E-10	4.500E+03
2.344E-04	3.585E-07	1.170E-24	1.288E-12	5.000E-01	2.459E-06	3.286E-04	2.460E-09	4.600E+03
4.399E-04	6.157E-07	6.616E-24	3.056E-12	4.996E-01	3.588E-06	2.453E-04	5.984E-09	4.700E+03
7.574E-04	1.772E-06	3.345E-23	7.099E-12	4.990E-01	5.089E-06	1.654E-04	1.403E-08	4.800E+03
1.301E-03	3.676E-06	1.585E-22	1.615E-11	4.982E-01	7.013E-06	1.416E-04	3.177E-08	4.900E+03
2.185E-03	7.289E-06	6.768E-22	3.611E-11	4.968E-01	4.386E-05	1.093E-04	6.954E-08	5.000E+03
3.592E-03	1.382E-05	2.634E-21	7.938E-11	4.947E-01	1.220E-05	8.515E-05	1.473E-07	5.100E+03
5.776E-03	2.515E-05	9.405E-21	1.716E-10	4.913E-01	1.542E-05	6.695E-05	3.018E-07	5.200E+03
9.083E-03	4.377E-05	3.101E-20	3.637E-10	4.883E-01	1.899E-05	5.301E-05	5.982E-07	5.300E+03
1.336E-02	7.367E-05	9.512E-20	7.533E-10	4.789E-01	2.283E-05	4.223E-05	1.145E-06	5.400E+03
2.092E-02	1.191E-04	2.737E-19	1.517E-09	4.684E-01	2.687E-05	3.379E-05	2.112E-06	5.500E+03
3.053E-02	1.867E-04	7.442E-19	2.952E-09	4.538E-01	3.104E-05	2.711E-05	3.738E-06	5.600E+03
4.328E-02	2.838E-04	1.926E-18	5.521E-09	4.345E-01	3.524E-05	2.176E-05	6.524E-06	5.700E+03
5.946E-02	4.188E-04	4.776E-18	9.674E-09	4.099E-01	3.937E-05	1.743E-05	1.017E-05	5.800E+03
7.905E-02	6.010E-04	1.135E-17	1.681E-08	3.801E-01	4.331E-05	1.369E-05	1.549E-05	5.900E+03
1.016E-01	8.394E-04	2.627E-17	2.714E-08	3.458E-01	4.692E-05	1.098E-05	2.273E-05	6.000E+03
1.263E-01	1.143E-03	5.871E-17	4.176E-08	3.081E-01	5.006E-05	6.587E-06	3.002E-05	6.100E+03
1.519E-01	1.519E-03	1.275E-16	6.098E-08	2.689E-01	5.261E-05	6.624E-06	3.818E-05	6.200E+03
1.773E-01	1.974E-03	2.695E-16	8.487E-08	2.299E-01	5.446E-05	5.032E-06	4.572E-05	6.300E+03
2.013E-01	2.515E-03	5.573E-16	1.131E-07	1.928E-01	5.540E-05	3.761E-06	5.187E-05	6.400E+03
2.270E-01	3.146E-03	1.125E-15	1.448E-07	1.589E-01	5.602E-05	2.766E-06	5.596E-05	6.500E+03
2.419E-01	3.872E-03	2.222E-15	1.742E-07	1.291E-01	5.578E-05	2.005E-06	5.780E-05	6.600E+03
2.578E-01	4.700E-03	4.294E-15	2.154E-07	1.037E-01	5.500E-05	1.434E-06	5.752E-05	6.700E+03
2.706E-01	5.636E-03	6.160E-15	2.525E-07	8.249E-02	5.378E-05	5.551E-06	5.800E-05	6.800E+03
2.807E-01	6.868E-03	1.521E-14	2.901E-07	6.523E-02	5.224E-05	7.142E-07	5.224E-05	6.900E+03
2.884E-01	7.854E-03	2.784E-14	3.276E-07	5.138E-02	5.047E-05	4.997E-07	4.820E-05	7.000E+03
2.940E-01	9.164E-03	5.012E-14	3.647E-07	4.039E-02	4.857E-05	3.488E-07	4.380E-05	7.100E+03
2.978E-01	1.061E-02	8.841E-14	4.015E-07	3.173E-02	4.600E-05	2.435E-07	3.435E-05	7.200E+03
3.002E-01	1.221E-02	1.550E-13	4.376E-07	2.444E-02	4.461E-05	1.772E-07	3.505E-05	7.300E+03
3.015E-01	1.397E-02	2.665E-13	4.731E-07	1.946E-02	4.265E-05	1.193E-07	3.103E-05	7.400E+03
3.015E-01	1.571E-02	4.547E-13	5.078E-07	1.549E-02	4.072E-05	8.390E-08	2.734E-05	7.500E+03
3.008E-01	1.802E-02	7.558E-13	5.417E-07	1.225E-02	3.885E-05	5.927E-08	2.401E-05	7.600E+03
2.994E-01	2.033E-02	1.247E-12	5.747E-07	9.719E-03	3.704E-05	4.206E-08	2.103E-05	7.700E+03
2.973E-01	2.284E-02	2.034E-12	6.066E-07	7.731E-03	3.531E-05	3.000E-08	1.940E-05	7.800E+03
2.946E-01	2.550E-02	3.276E-12	6.371E-07	6.167E-03	3.365E-05	2.000E-08	1.607E-05	7.900E+03
2.878E-01	3.165E-02	8.213E-12	6.438E-07	3.957E-03	3.053E-05	1.000E-08	1.402E-05	8.000E+03
						8.147E-09	1.065E-05	8.200E+03

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
8.400E+03	4.115E-02	6.359E-01	2.434E-03	6.167E-18	2.425E-06	4.334E-06	2.710E-07	2.705E-11
8.600E+03	4.991E-07	6.295E-01	3.332E-03	2.231E-17	2.612E-06	3.571E-06	2.865E-07	2.478E-11
8.800E+03	5.981E-02	6.220E-01	4.420E-03	7.666E-17	2.784E-06	2.954E-06	3.022E-07	2.257E-11
9.000E+03	7.084E-02	6.184E-01	5.805E-03	2.511E-16	2.937E-06	2.452E-06	3.180E-07	2.044E-11
9.200E+03	8.298E-02	6.036E-01	7.553E-03	7.857E-16	3.067E-06	2.041E-06	3.338E-07	1.840E-11
9.400E+03	9.615E-02	5.927E-01	9.743E-03	2.366E-15	3.171E-06	1.701E-06	3.495E-07	1.645E-11
9.600E+03	1.103E-01	5.806E-01	1.246E-02	6.848E-15	3.246E-06	1.420E-06	3.650E-07	1.460E-11
9.800E+03	1.252E-01	5.673E-01	1.592E-02	1.912E-14	3.299E-06	1.186E-06	3.801E-07	1.287E-11
1.000E+04	1.408E-01	5.528E-01	1.994E-02	5.162E-14	3.301E-06	9.902E-07	3.945E-07	1.125E-11
1.020E+04	1.569E-01	5.371E-01	2.493E-02	1.349E-13	3.282E-06	8.259E-07	4.079E-07	9.752E-12
1.040E+04	1.735E-01	5.200E-01	3.093E-02	3.417E-13	3.232E-06	6.874E-07	4.196E-07	8.382E-12
1.060E+04	1.903E-01	5.017E-01	3.777E-02	8.394E-13	3.154E-06	5.704E-07	4.292E-07	7.140E-12
1.080E+04	2.074E-01	4.819E-01	4.644E-02	2.001E-12	3.050E-06	4.713E-07	4.357E-07	6.023E-12
1.100E+04	2.246E-01	4.608E-01	5.614E-02	4.628E-12	2.923E-06	3.873E-07	4.385E-07	5.028E-12
1.120E+04	2.419E-01	4.382E-01	6.710E-02	1.039E-11	2.776E-06	3.160E-07	4.367E-07	4.152E-12
1.140E+04	2.592E-01	4.143E-01	7.954E-02	2.264E-11	2.613E-06	2.557E-07	4.298E-07	3.387E-12
1.160E+04	2.765E-01	3.992E-01	9.314E-02	4.788E-11	2.437E-06	2.049E-07	4.175E-07	2.728E-12
1.180E+04	2.938E-01	3.805E-01	1.078E-01	9.840E-11	2.250E-06	1.625E-07	3.998E-07	2.167E-12
1.200E+04	3.108E-01	3.581E-01	1.233E-01	1.965E-10	2.058E-06	1.273E-07	3.771E-07	1.696E-12
1.220E+04	3.276E-01	3.388E-01	1.394E-01	3.820E-10	1.863E-06	9.847E-08	3.502E-07	1.307E-12
1.240E+04	3.440E-01	3.215E-01	1.559E-01	7.230E-10	1.669E-06	7.519E-08	3.201E-07	9.915E-13
1.260E+04	3.597E-01	3.046E-01	1.723E-01	1.335E-09	1.480E-06	5.666E-08	2.881E-07	7.400E-13
1.280E+04	3.747E-01	2.885E-01	1.884E-01	2.406E-09	1.299E-06	4.214E-08	2.553E-07	5.436E-13
1.300E+04	3.889E-01	2.735E-01	2.039E-01	4.239E-09	1.129E-06	3.095E-08	2.231E-07	3.931E-13
1.320E+04	4.020E-01	2.590E-01	2.187E-01	7.313E-09	9.713E-07	2.247E-08	1.922E-07	2.802E-13
1.340E+04	4.141E-01	2.452E-01	2.324E-01	1.237E-08	8.205E-07	1.613E-08	1.636E-07	1.970E-13
1.360E+04	4.251E-01	2.307E-01	2.450E-01	2.053E-08	7.009E-07	1.148E-08	1.378E-07	1.368E-13
1.380E+04	4.350E-01	2.162E-01	2.565E-01	3.348E-08	5.888E-07	8.098E-09	1.149E-07	9.407E-14
1.400E+04	4.437E-01	2.016E-01	2.668E-01	5.371E-08	4.917E-07	5.673E-09	9.500E-08	6.411E-14
1.420E+04	4.515E-01	1.881E-01	2.759E-01	8.484E-08	4.085E-07	3.961E-09	7.804E-08	4.339E-14
1.440E+04	4.582E-01	1.732E-01	2.839E-01	1.321E-07	3.380E-07	2.754E-09	6.377E-08	2.922E-14
1.460E+04	4.641E-01	1.584E-01	2.908E-01	2.029E-07	2.789E-07	1.911E-09	5.191E-08	1.961E-14
1.480E+04	4.692E-01	1.437E-01	2.968E-01	3.076E-07	2.296E-07	1.324E-09	4.213E-08	1.314E-14
1.500E+04	4.735E-01	1.290E-01	3.020E-01	4.608E-07	1.885E-07	9.199E-10	3.414E-08	8.797E-15
1.520E+04	4.773E-01	1.149E-01	3.065E-01	6.824E-07	1.552E-07	6.393E-10	2.765E-08	5.896E-15
1.540E+04	4.805E-01	1.039E-01	3.103E-01	9.996E-07	1.276E-07	4.454E-10	2.239E-08	3.959E-15
1.560E+04	4.833E-01	9.09E-02	3.135E-01	1.449E-06	1.050E-07	3.113E-10	1.814E-08	2.665E-15
1.580E+04	4.856E-01	7.85E-02	3.163E-01	2.081E-06	8.648E-08	2.183E-10	1.472E-08	1.801E-15
1.600E+04	4.877E-01	6.69E-02	3.186E-01	2.960E-06	7.134E-08	1.538E-10	1.196E-08	1.222E-15
1.620E+04	4.894E-01	5.59E-02	3.206E-01	4.173E-06	5.896E-08	1.089E-10	9.742E-09	8.325E-16
1.640E+04	4.909E-01	4.52E-02	3.223E-01	5.932E-06	4.883E-08	7.741E-11	7.953E-09	5.701E-16
1.660E+04	4.922E-01	3.48E-02	3.237E-01	8.086E-06	4.053E-08	5.532E-11	6.509E-09	3.924E-16
1.680E+04	4.934E-01	2.49E-02	3.249E-01	1.112E-05	3.373E-08	3.975E-11	5.341E-09	2.716E-16
1.700E+04	4.944E-01	1.52E-02	3.258E-01	1.518E-05	2.813E-08	2.871E-11	4.396E-09	1.890E-16
1.720E+04	4.953E-01	9.79E-03	3.267E-01	2.057E-05	2.353E-08	2.084E-11	3.628E-09	1.323E-16
1.740E+04	4.961E-01	8.56E-03	3.273E-01	2.768E-05	1.973E-08	1.522E-11	3.003E-09	9.307E-17
1.760E+04	4.969E-01	7.50E-03	3.279E-01	3.700E-05	1.659E-08	1.117E-11	2.493E-09	6.587E-17
1.780E+04	4.976E-01	6.588E-03	3.293E-01	4.913E-05	1.398E-08	8.237E-12	2.076E-09	4.68E-17
1.800E+04	4.984E-01	5.708E-03	3.286E-01	6.431E-05	1.182E-08	6.108E-12	1.734E-09	3.355E-17
1.820E+04	4.991E-01	5.114E-03	3.287E-01	8.497E-05	1.002E-08	4.553E-12	1.452E-09	2.414E-17
1.840E+04	4.998E-01	4.520E-03	3.288E-01	1.107E-04	8.514E-09	3.410E-12	1.220E-09	1.747E-17
1.860E+04	5.006E-01	4.004E-03	3.288E-01	1.434E-04	7.255E-09	2.567E-12	1.027E-09	1.271E-17
1.880E+04	5.014E-01	3.554E-03	3.287E-01	1.848E-04	6.199E-09	1.942E-12	8.671E-10	9.296E-18
1.900E+04	5.023E-01	3.161E-03	3.284E-01	2.367E-04	5.310E-09	1.476E-12	7.341E-10	6.634E-18
1.920E+04	5.033E-01	2.817E-03	3.290E-01	3.014E-04	4.560E-09	1.127E-12	6.230E-10	5.050E-18
1.940E+04	5.043E-01	2.516E-03	3.277E-01	3.819E-04	3.926E-09	8.640E-13	5.299E-10	3.751E-18
1.960E+04	5.055E-01	2.251E-03	3.269E-01	4.913E-04	3.389E-09	6.654E-13	4.518E-10	2.799E-18
1.980E+04	5.068E-01	2.017E-03	3.262E-01	6.034E-04	2.932E-09	5.146E-13	3.860E-10	2.099E-18
2.000E+04	5.082E-01	1.811E-03	3.253E-01	7.525E-04	2.543E-09	3.996E-13	3.305E-10	1.582E-18
2.020E+04	5.097E-01	1.629E-03	3.243E-01	9.339E-04	2.211E-09	3.115E-13	2.835E-10	1.197E-18
2.040E+04	5.114E-01	1.468E-03	3.231E-01	1.153E-03	1.927E-09	2.438E-13	2.437E-10	9.097E-19
2.060E+04	5.133E-01	1.325E-03	3.217E-01	1.417E-03	1.682E-09	1.914E-13	2.097E-10	6.944E-19
2.080E+04	5.15 E-01	1.197E-03	3.202E-01	1.733E-03	1.472E-09	1.508E-13	1.809E-10	5.322E-19
2.100E+04	5.174E-01	1.084E-03	3.185E-01	2.110E-03	1.291E-09	1.192E-13	1.562E-10	4.094E-19
2.120E+04	5.197E-01	9.821E-04	3.167E-01	2.557E-03	1.134E-09	9.456E-14	1.350E-10	3.161E-19
2.140E+04	5.221E-01	8.912E-04	3.146E-01	3.085E-03	9.985E-10	7.521E-14	1.169E-10	2.449E-19
2.160E+04	5.247E-01	8.097E-04	3.124E-01	3.706E-03	8.803E-10	5.997E-14	1.013E-10	1.904E-19
2.180E+04	5.273E-01	7.365E-04	3.099E-01	4.432E-03	7.774E-10	4.795E-14	8.788E-11	1.464E-19
2.200E+04	5.301E-01	6.706E-04	3.073E-01	5.279E-03	6.875E-10	3.842E-14	7.630E-11	1.161E-19
2.220E+04	5.329E-01	6.111E-04	3.045E-01	6.262E-03	6.088E-10	3.085E-14	6.628E-11	9.097E-20
2.240E+04	5.359E-01	5.574E-04	3.015E-01	7.398E-03	5.397E-10	2.482E-14	5.761E-11	7.146E-20
2.260E+04	5.388E-01	5.087E-04	2.982E-01	8.706E-03	4.789E-10	2.000E-14	5.009E-11	5.625E-20
2.280E+04	5.418E-01	4.646E-04	2.948E-01	1.020E-02	4.254E-10	1.614E-14	4.356E-11	4.435E-20
2.300E+04	5.449E-01	4.244E-04	2.911E-01	1.191E-02	3.781E-10	1.304E-14	3.787E-11	3.502E-20
2.320E+04	5.480E-01	3.879E-04	2.871E-01	1.386E-02	3.362E-10	1.054E-14	3.292E-11	2.768E-20
2.340E+04	5.511E-01	3.546E-04	2.829E-01	1.605E-02	2.992E-10	8.529E-15	2.859E-11	2.190E-20
2.360E+04	5.542E-01	3.241E-04	2.783E-01	1.852E-02	2.662E-10	6.901E-15	2.481E-11	1.734E-20
2.380E+04	5.574E-01	2.962E-04	2.735E-01	2.129E-02	2.369E-10	5.584E-15	2.151E-11	1.372E-20
2.400E+04	5.606E-01	2.707E-04	2.683E-01	2.436E-02	2.108E-10	4.516E-15	1.862E-11	1.086E-20
2.420E+04	5.638E-01	2.477E-04	2.628E-01	2.776E-02	1.876E-10	3.649E-15	1.609E-11	8.595E-21
2.440E+04	5.670E-01	2.280E-04	2.569E-01	3.150E-02	1.688E-10	2.946E-15	1.387E-11	6.794E-21
2.460E+04	5.703E-01	2.097E-04	2.507E-01	3.559E-02	1.482E-10	2.374E-15	1.193E-11	5.364E-21
2.480E+04	5.736E-01	1.874E-04	2.440E-01	4.003E-02	1.316E-10	1.910E-15	1.023E-11	4.228E-21
2.500E+04	5.770E-01	1.706E-04	2.370E-01	4.481E-02	1.168E-10	1.533E-15	8.742E-12	3.326E-21



Table II. - Continued.

C	C+	C++	C-	CU	CU+	CO2	C2	T
2.792E-01	3.664E-02	1.972E-11	7.429E-07	2.566E-03	2.767E-05	4.365E-09	8.054E-06	8.400E+03
2.690E-01	4.626E-02	4.546E-11	7.877E-07	1.679E-03	2.504E-05	2.375E-09	6.065E-06	8.600E+03
2.573E-01	5.557E-02	1.035E-10	8.116E-07	1.108E-03	2.262E-05	1.310E-09	4.548E-06	8.800E+03
2.442E-01	6.502E-02	2.162E-10	8.280E-07	7.350E-04	2.038E-05	7.307E-10	3.345E-06	9.000E+03
2.299E-01	7.541E-02	4.485E-10	8.310E-07	4.900E-04	1.830E-05	4.114E-10	2.499E-06	9.200E+03
2.147E-01	8.639E-02	8.991E-10	8.202E-07	3.277E-04	1.637E-05	2.333E-10	1.828E-06	9.400E+03
1.980E-01	9.779E-02	1.751E-09	7.962E-07	2.195E-04	1.457E-05	1.330E-10	1.322E-06	9.600E+03
1.821E-01	1.094E-01	3.314E-09	7.631E-07	1.471E-04	1.290E-05	7.607E-11	9.452E-07	9.800E+03
1.655E-01	1.204E-01	6.103E-09	7.138E-07	9.656E-05	1.136E-05	4.36CE-11	6.674E-07	1.000E+04
1.490E-01	1.320E-01	1.094E-08	6.557E-07	6.595E-05	9.930E-06	2.500E-11	4.653E-07	1.020E+04
1.329E-01	1.426E-01	1.914E-08	6.005E-07	4.404E-05	8.623E-06	1.432E-11	3.204E-07	1.040E+04
1.176E-01	1.523E-01	3.265E-08	5.390E-07	2.934E-05	7.431E-06	8.188E-12	2.181E-07	1.060E+04
1.032E-01	1.604E-01	5.443E-08	4.777E-07	1.949E-05	6.355E-06	4.668E-12	1.466E-07	1.080E+04
9.301E-02	1.684E-01	8.670E-08	4.186E-07	1.291E-05	5.389E-06	2.650E-12	9.796E-08	1.100E+04
7.801E-02	1.747E-01	1.415E-07	3.632E-07	8.527E-06	4.533E-06	1.497E-12	6.484E-08	1.120E+04
6.727E-02	1.777E-01	2.212E-07	3.125E-07	5.614E-06	3.780E-06	8.411E-13	4.266E-08	1.140E+04
5.777E-02	1.834E-01	3.392E-07	2.670E-07	3.685E-06	3.125E-06	4.694E-13	2.794E-08	1.160E+04
4.944E-02	1.880E-01	5.112E-07	2.267E-07	2.411E-06	2.562E-06	2.600E-13	1.824E-08	1.180E+04
4.220E-02	1.875E-01	7.582E-07	1.915E-07	1.572E-06	2.083E-06	1.424E-13	1.188E-08	1.200E+04
3.595E-02	1.882E-01	1.108E-06	1.610E-07	1.022E-06	1.681E-06	7.788E-14	7.738E-09	1.220E+04
3.029E-02	1.881E-01	1.598E-06	1.346E-07	6.626E-07	1.346E-06	4.208E-14	5.040E-09	1.240E+04
2.600E-02	1.874E-01	2.274E-06	1.125E-07	4.282E-07	1.070E-06	2.254E-14	3.286E-09	1.260E+04
2.210E-02	1.863E-01	3.216E-06	9.356E-08	2.761E-07	8.460E-07	1.194E-14	2.147E-09	1.280E+04
1.870E-02	1.849E-01	4.496E-06	7.764E-08	1.777E-07	6.651E-07	6.319E-15	1.406E-09	1.300E+04
1.577E-02	1.833E-01	6.237E-06	6.428E-08	1.142E-07	5.206E-07	3.312E-15	9.247E-10	1.320E+04
1.359E-02	1.817E-01	8.566E-06	5.312E-08	7.336E-08	4.060E-07	1.727E-15	6.105E-10	1.340E+04
1.159E-02	1.800E-01	1.175E-05	4.386E-08	4.715E-08	3.159E-07	8.973E-16	4.051E-10	1.360E+04
9.940E-03	1.784E-01	1.578E-05	3.615E-08	3.034E-08	2.453E-07	4.652E-16	2.703E-10	1.380E+04
8.468E-03	1.769E-01	2.161E-05	2.986E-08	1.957E-08	1.904E-07	2.411E-16	1.815E-10	1.400E+04
7.264E-03	1.755E-01	2.906E-05	2.464E-08	1.267E-08	1.478E-07	1.251E-16	1.226E-10	1.420E+04
6.246E-03	1.743E-01	3.689E-05	2.036E-08	8.228E-09	1.148E-07	6.510E-17	8.339E-11	1.440E+04
5.366E-03	1.732E-01	5.178E-05	1.684E-08	5.371E-09	8.931E-08	3.402E-17	5.712E-11	1.460E+04
4.577E-03	1.722E-01	6.658E-05	1.395E-08	3.525E-09	6.963E-08	1.787E-17	3.940E-11	1.480E+04
4.038E-03	1.714E-01	9.038E-05	1.158E-08	2.327E-09	5.442E-08	9.453E-18	2.737E-11	1.500E+04
3.511E-03	1.706E-01	1.185E-04	9.635E-09	1.546E-09	4.266E-08	5.037E-18	1.915E-11	1.520E+04
3.062E-03	1.699E-01	1.546E-04	8.034E-09	1.034E-09	3.355E-08	2.706E-18	1.349E-11	1.540E+04
2.678E-03	1.694E-01	2.006E-04	6.714E-09	6.961E-10	2.647E-08	1.467E-18	9.573E-12	1.560E+04
2.349E-03	1.688E-01	2.591E-04	5.626E-09	4.720E-10	2.097E-08	8.023E-19	6.837E-12	1.580E+04
2.066E-03	1.684E-01	3.329E-04	4.726E-09	3.224E-10	1.667E-08	4.431E-19	4.916E-12	1.600E+04
1.823E-03	1.680E-01	4.256E-04	3.980E-09	2.217E-10	1.330E-08	2.471E-19	3.557E-12	1.620E+04
1.617E-03	1.675E-01	5.413E-04	3.361E-09	1.536E-10	1.065E-08	1.397E-19	2.590E-12	1.640E+04
1.427E-03	1.672E-01	6.851E-04	2.845E-09	1.072E-10	8.559E-09	9.916E-20	1.897E-12	1.660E+04
1.270E-03	1.668E-01	8.629E-04	2.415E-09	7.528E-11	6.905E-09	4.547E-20	1.357E-12	1.680E+04
1.131E-03	1.663E-01	1.081E-03	2.054E-09	5.324E-11	5.540E-09	2.637E-20	1.034E-12	1.700E+04
1.010E-03	1.659E-01	1.343E-03	1.752E-09	3.791E-11	4.542E-09	1.544E-20	7.700E-13	1.720E+04
9.035E-04	1.654E-01	1.674E-03	1.477E-09	2.716E-11	3.702E-09	9.127E-21	5.700E-13	1.740E+04
8.100E-04	1.648E-01	2.006E-03	1.203E-09	1.958E-11	3.028E-09	5.444E-21	4.326E-13	1.760E+04
7.275E-04	1.642E-01	2.542E-03	1.131E-09	1.420E-11	2.483E-09	3.276E-21	3.267E-13	1.780E+04
6.455E-04	1.634E-01	3.110E-03	9.471E-10	1.036E-11	2.043E-09	1.989E-21	2.475E-13	1.800E+04
5.698E-04	1.625E-01	3.766E-03	8.101E-10	7.599E-12	1.685E-09	1.217E-21	1.882E-13	1.820E+04
5.022E-04	1.615E-01	4.586E-03	7.043E-10	5.602E-12	1.393E-09	7.510E-22	1.435E-13	1.840E+04
4.408E-04	1.605E-01	5.528E-03	6.088E-10	4.151E-12	1.154E-09	4.669E-22	1.058E-13	1.860E+04
3.848E-04	1.591E-01	6.630E-03	5.270E-10	3.089E-12	9.580E-10	2.924E-22	8.420E-14	1.880E+04
3.335E-04	1.576E-01	7.912E-03	4.567E-10	2.309E-12	7.967E-10	1.844E-22	6.465E-14	1.900E+04
2.863E-04	1.568E-01	9.591E-03	3.961E-10	1.733E-12	6.634E-10	1.170E-22	4.978E-14	1.920E+04
2.428E-04	1.558E-01	1.109E-02	3.436E-10	1.305E-12	5.531E-10	7.473E-23	3.834E-14	1.940E+04
2.025E-04	1.545E-01	1.302E-02	2.936E-10	9.862E-13	4.615E-10	4.800E-23	2.955E-14	1.960E+04
1.649E-04	1.531E-01	1.520E-02	2.594E-10	7.474E-13	3.853E-10	3.095E-23	2.278E-14	1.980E+04
1.319E-04	1.516E-01	1.765E-02	2.253E-10	5.676E-13	3.217E-10	2.011E-23	1.754E-14	2.000E+04
1.037E-04	1.503E-01	2.036E-02	1.957E-10	4.323E-13	2.686E-10	1.310E-23	1.350E-14	2.020E+04
7.963E-04	1.487E-01	2.335E-02	1.694E-10	3.248E-13	2.241E-10	6.573E-24	1.037E-14	2.040E+04
5.773E-04	1.474E-01	2.662E-02	1.474E-10	2.519E-13	1.869E-10	5.625E-24	7.955E-15	2.060E+04
4.599E-04	1.461E-01	3.015E-02	1.276E-10	1.927E-13	1.557E-10	5.708E-24	6.085E-15	2.080E+04
3.440E-04	1.448E-01	3.394E-02	1.107E-10	1.474E-13	1.296E-10	2.449E-24	4.637E-15	2.100E+04
2.294E-04	1.420E-01	3.795E-02	9.568E-11	1.129E-13	1.077E-10	1.621E-24	3.517E-15	2.120E+04
1.161E-04	1.170E-01	4.217E-02	8.260E-11	8.647E-14	8.928E-11	1.075E-24	2.671E-15	2.140E+04
1.039E-04	1.118E-01	4.655E-02	7.115E-11	6.622E-14	7.391E-11	7.143E-25	2.016E-15	2.160E+04
9.284E-05	1.064E-01	5.106E-02	6.125E-11	5.069E-14	6.106E-11	4.751E-25	1.512E-15	2.180E+04
8.275E-05	1.009E-01	5.566E-02	5.259E-11	3.879E-14	5.033E-11	3.163E-25	1.133E-15	2.200E+04
7.359E-05	9.552E-02	6.030E-02	4.506E-11	2.966E-14	4.140E-11	2.108E-25	6.437E-16	2.220E+04
6.530E-05	8.972E-02	6.493E-02	3.854E-11	2.267E-14	3.397E-11	1.405E-25	6.257E-16	2.240E+04
5.781E-05	8.416E-02	6.951E-02	3.289E-11	1.731E-14	2.781E-11	9.368E-26	4.620E-16	2.260E+04
5.107E-05	7.867E-02	7.400E-02	2.802E-11	1.320E-14	2.271E-11	6.246E-26	3.398E-16	2.280E+04
4.503E-05	7.336E-02	7.836E-02	2.383E-11	1.006E-14	1.851E-11	4.165E-26	2.489E-16	2.300E+04
3.962E-05	6.868E-02	8.255E-02	2.022E-11	7.657E-15	1.505E-11	2.776E-26	1.817E-16	2.320E+04
3.480E-05	6.406E-02	8.654E-02	1.714E-11	5.823E-15	1.221E-11	1.844E-26	1.222E-16	2.340E+04
3.052E-05	5.926E-02	9.030E-02	1.551E-11	4.424E-15	9.880E-12	1.231E-26	9.592E-17	2.360E+04
2.673E-05	5.569E-02	9.382E-02	1.226E-11	3.358E-15	7.980E-12	8.194E-27	6.941E-17	2.380E+04
2.339E-05	5.237E-02	9.705E-02	1.035E-11	2.546E-15	6.432E-12	5.448E-27	5.012E-17	2.400E+04
2.044E-05	4.930E-02	1.001E-01	8.737E-12	1.929E-15	5.174E-12	3.616E-27	3.613E-17	2.420E+04
1.785E-05	4.150E-02	1.028E-01	7.368E-12	1.460E-15	4.153E-12	2.400E-27	2.601E-17	2.440E+04
1.558E-05	3.790E-02	1.053E-01	6.212E-12	1.104E-15	3.327E-12	1.590E-27	1.871E-17	2.460E+04
1.359E-05	3.480E-02	1.074E-01	5.236E-12	8.340E-16	2.660E-12	1.052E-27	1.345E-17	2.480E+04
1.186E-05	3.165E-02	1.093E-01	4.413E-12	6.281E-16	2.123E-12	6.943E-28	9.668E-18	2.500E+04



Table II. - Continued.

P/P0 = 9.00E-02

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.255E-11	1.760E-18	0.
2.000E+02	0.	2.510E-67	0.	0.	0.	5.030E-11	1.760E-18	0.
3.000E+02	0.	1.190E-45	1.046E-79	0.	0.	5.637E-11	1.760E-18	0.
4.000E+02	0.	8.181E-35	2.754E-62	0.	0.	5.122E-11	1.760E-18	0.
5.000E+02	0.	2.665E-28	8.220E-52	0.	0.	4.696E-11	1.760E-18	0.
6.000E+02	1.206E-92	6.270E-24	7.729E-45	0.	0.	4.873E-11	1.760E-18	3.584E-96
7.000E+02	5.588E-78	8.771E-21	7.264E-40	0.	1.402E-89	5.359E-11	1.760E-18	7.996E-83
8.000E+02	7.882E-66	7.429E-18	1.073E-36	0.	5.664E-76	7.769E-10	1.760E-18	1.496E-70
9.000E+02	6.439E-56	2.374E-15	1.885E-34	0.	1.026E-64	1.747E-08	1.760E-18	4.142E-60
1.000E+03	5.785E-48	2.440E-11	1.168E-32	0.	1.090E-55	2.167E-07	1.760E-18	9.893E-52
1.100E+03	1.899E-41	1.084E-10	3.435E-31	0.	2.646E-48	1.499E-06	1.760E-18	7.066E-45
1.200E+03	5.196E-36	2.562E-10	5.778E-30	0.	3.771E-42	9.425E-06	1.760E-18	3.620E-39
1.300E+03	2.100E-31	3.729E-09	6.320E-29	0.	6.068E-37	4.009E-05	1.760E-18	2.444E-34
1.400E+03	1.886E-27	3.704E-09	4.928E-29	0.	1.758E-32	1.384E-04	1.760E-18	3.352E-30
1.500E+03	5.081E-24	2.711E-09	2.430E-27	0.	1.292E-28	4.041E-04	1.760E-18	1.288E-26
1.600E+03	5.121E-21	1.547E-06	1.402E-26	0.	3.105E-25	1.030E-03	1.764E-18	1.749E-23
1.700E+03	1.321E-18	7.190E-06	9.760E-26	0.	1.704E-22	2.343E-03	3.083E-18	5.789E-21
1.800E+03	2.962E-17	2.814E-05	3.422E-24	0.	7.412E-21	4.843E-03	3.154E-17	1.601E-19
1.900E+03	3.458E-16	9.514E-05	1.148E-22	0.	1.544E-19	9.219E-03	3.499E-16	2.225E-30
2.000E+03	3.086E-15	2.887E-04	2.778E-21	0.	2.315E-18	1.631E-02	3.113E-15	2.288E-17
2.100E+03	2.225E-14	7.584E-04	4.994E-20	4.116E-87	2.628E-17	2.699E-02	2.246E-14	1.841E-16
2.200E+03	1.333E-13	1.839E-03	6.927E-19	7.238E-83	2.344E-16	4.198E-02	1.347E-13	1.192E-15
2.300E+03	6.774E-13	4.088E-03	7.667E-18	5.530E-79	1.692E-15	6.149E-02	6.853E-13	6.337E-15
2.400E+03	2.973E-12	8.389E-03	6.964E-17	2.043E-75	1.005E-14	8.494E-02	3.010E-12	2.808E-14
2.500E+03	1.143E-11	1.600E-02	5.315E-16	3.995E-72	5.001E-14	1.107E-01	1.158E-11	1.050E-13
2.600E+03	3.892E-11	2.847E-02	3.466E-15	4.464E-69	2.113E-13	1.359E-01	3.944E-11	3.338E-13
2.700E+03	1.186E-10	4.762E-02	1.983E-14	3.043E-66	7.664E-13	1.573E-01	1.202E-10	9.104E-13
2.800E+03	3.263E-10	7.459E-02	1.000E-13	1.338E-63	2.410E-12	1.714E-01	3.303E-10	2.142E-12
2.900E+03	8.161E-10	1.105E-01	4.520E-13	3.983E-61	6.622E-12	1.759E-01	8.250E-10	4.373E-12
3.000E+03	1.867E-09	1.548E-01	1.850E-12	8.395E-59	1.602E-11	1.699E-01	1.884E-09	7.781E-12
3.100E+03	3.931E-09	2.086E-01	6.919E-12	1.294E-56	3.434E-11	1.543E-01	3.954E-09	1.212E-11
3.200E+03	7.654E-09	2.586E-01	2.385E-11	1.506E-54	6.562E-11	1.320E-01	7.665E-09	1.661E-11
3.300E+03	1.387E-08	3.123E-01	7.625E-11	1.360E-52	1.127E-10	1.064E-01	1.379E-08	2.017E-11
3.400E+03	2.356E-08	3.597E-01	2.275E-10	9.709E-51	1.756E-10	8.138E-02	2.318E-08	2.195E-11
3.500E+03	3.787E-08	3.989E-01	6.360E-10	5.560E-49	2.522E-10	5.955E-02	3.658E-08	2.181E-11
3.600E+03	5.826E-08	4.292E-01	1.670E-09	2.583E-47	3.395E-10	4.219E-02	5.462E-08	2.022E-11
3.700E+03	8.685E-08	4.512E-01	4.126E-09	9.799E-46	4.368E-10	2.930E-02	7.754E-08	1.794E-11
3.800E+03	1.271E-07	4.665E-01	9.581E-09	3.014E-44	5.474E-10	2.019E-02	1.050E-07	1.558E-11
3.900E+03	1.846E-07	4.770E-01	2.087E-08	7.537E-43	6.789E-10	1.390E-02	1.359E-07	1.353E-11
4.000E+03	2.690E-07	4.341E-01	4.261E-08	1.533E-41	8.440E-10	9.627E-03	1.680E-07	1.191E-11
4.100E+03	3.950E-07	4.889E-01	8.161E-08	2.550E-40	1.060E-09	6.732E-03	1.987E-07	1.073E-11
4.200E+03	5.856E-07	4.922E-01	1.472E-07	3.511E-39	1.348E-09	4.762E-03	2.258E-07	9.912E-12
4.300E+03	8.745E-07	4.944E-01	2.516E-07	4.069E-38	1.734E-09	3.410E-03	2.481E-07	9.384E-12
4.400E+03	1.310E-06	4.960E-01	4.109E-07	4.047E-37	2.247E-09	2.474E-03	2.652E-07	9.066E-12
4.500E+03	1.962E-06	4.971E-01	6.456E-07	3.515E-36	2.923E-09	1.817E-03	2.776E-07	8.903E-12
4.600E+03	2.929E-06	4.978E-01	9.809E-07	2.706E-35	3.807E-09	1.351E-03	2.859E-07	8.856E-12
4.700E+03	4.353E-06	4.984E-01	1.447E-06	1.865E-34	4.958E-09	1.017E-03	2.904E-07	8.909E-12
4.800E+03	6.444E-06	4.989E-01	2.075E-06	1.159E-33	6.458E-09	7.743E-04	2.912E-07	9.060E-12
4.900E+03	9.513E-06	4.984E-01	2.898E-06	6.527E-33	8.423E-09	5.960E-04	2.884E-07	9.320E-12
5.000E+03	1.403E-05	4.988E-01	3.939E-06	3.338E-32	1.102E-08	4.636E-04	2.819E-07	9.708E-12
5.100E+03	2.071E-05	5.004E-01	5.213E-06	1.554E-31	1.448E-08	3.643E-04	2.718E-07	1.025E-11
5.200E+03	3.061E-05	5.011E-01	6.720E-06	6.612E-31	1.913E-08	2.892E-04	2.584E-07	1.099E-11
5.300E+03	4.534E-05	5.022E-01	8.452E-06	2.583E-30	2.544E-08	2.319E-04	2.426E-07	1.195E-11
5.400E+03	6.720E-05	5.037E-01	1.040E-05	9.331E-30	3.397E-08	1.879E-04	2.255E-07	1.317E-11
5.500E+03	9.941E-05	5.060E-01	1.258E-05	3.148E-29	4.549E-08	1.538E-04	2.083E-07	1.468E-11
5.600E+03	1.464E-04	5.081E-01	1.501E-05	1.002E-28	6.090E-08	1.273E-04	1.921E-07	1.650E-11
5.700E+03	2.137E-04	5.135E-01	1.777E-05	3.043E-28	8.126E-08	1.066E-04	1.778E-07	1.865E-11
5.800E+03	3.083E-04	5.194E-01	2.097E-05	8.913E-28	1.077E-07	9.040E-05	1.659E-07	2.113E-11
5.900E+03	4.383E-04	5.265E-01	2.476E-05	2.541E-27	1.415E-07	7.760E-05	1.566E-07	2.393E-11
6.000E+03	6.125E-04	5.341E-01	2.935E-05	7.106E-27	1.837E-07	6.740E-05	1.501E-07	2.700E-11
6.100E+03	8.401E-04	5.469E-01	3.501E-05	1.960E-26	2.351E-07	5.917E-05	1.461E-07	3.029E-11
6.200E+03	1.130E-03	5.588E-01	4.205E-05	5.354E-26	2.963E-07	5.243E-05	1.445E-07	3.367E-11
6.300E+03	1.490E-03	5.714E-01	5.083E-05	1.450E-25	3.670E-07	4.675E-05	1.449E-07	3.700E-11
6.400E+03	1.927E-03	5.841E-01	6.179E-05	3.892E-25	4.468E-07	4.187E-05	1.471E-07	4.011E-11
6.500E+03	2.448E-03	5.962E-01	7.542E-05	1.055E-24	5.344E-07	3.757E-05	1.506E-07	4.287E-11
6.600E+03	3.058E-03	6.074E-01	9.229E-05	2.721E-24	6.286E-07	3.373E-05	1.551E-07	4.514E-11
6.700E+03	3.764E-03	6.173E-01	1.131E-04	7.066E-24	7.278E-07	3.026E-05	1.605E-07	4.686E-11
6.800E+03	4.570E-03	6.287E-01	1.385E-04	1.808E-23	8.306E-07	2.712E-05	1.665E-07	4.801E-11
6.900E+03	5.484E-03	6.326E-01	1.693E-04	4.553E-23	9.359E-07	2.428E-05	1.729E-07	4.862E-11
7.000E+03	6.514E-03	6.381E-01	2.067E-04	1.127E-22	1.043E-06	2.171E-05	1.797E-07	4.874E-11
7.100E+03	7.669E-03	6.423E-01	2.515E-04	2.739E-22	1.151E-06	1.941E-05	1.867E-07	4.846E-11
7.200E+03	8.957E-03	6.454E-01	3.051E-04	6.535E-22	1.261E-06	1.734E-05	1.938E-07	4.786E-11
7.300E+03	1.039E-02	6.475E-01	3.689E-04	1.530E-21	1.371E-06	1.551E-05	2.012E-07	4.701E-11
7.400E+03	1.198E-02	6.499E-01	4.443E-04	3.514E-21	1.481E-06	1.388E-05	2.086E-07	4.598E-11
7.500E+03	1.374E-02	6.526E-01	5.331E-04	7.919E-21	1.593E-06	1.243E-05	2.161E-07	4.481E-11
7.600E+03	1.567E-02	6.548E-01	6.373E-04	1.752E-20	1.705E-06	1.114E-05	2.238E-07	4.354E-11
7.700E+03	1.780E-02	6.569E-01	7.590E-04	3.806E-20	1.817E-06	1.001E-05	2.315E-07	4.222E-11
7.800E+03	2.013E-02	6.587E-01	9.005E-04	8.124E-20	1.929E-06	8.996E-06	2.393E-07	4.086E-11
7.900E+03	2.267E-02	6.604E-01	1.065E-03	1.704E-19	2.041E-06	8.101E-06	2.472E-07	3.948E-11
8.000E+03	2.544E-02	6.621E-01	1.254E-03	3.516E-19	2.153E-06	7.305E-06	2.551E-07	3.808E-11
8.200E+03	3.170E-02	6.642E-01	1.723E-03	1.426E-18	2.374E-06	5.966E-06	2.712E-07	3.531E-11

Table II. - Continued.

P/P0 = 9.00E-02

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
4.403E-78	4.572E-79	0.	0.	0.	0.	1.000E+00	0.	7.258E-91
2.761E-64	2.904E-66	0.	0.	0.	0.	1.000E+00	0.	8.000E+02
4.600E-55	6.452E-59	0.	0.	0.	0.	1.000E+00	0.	9.000E+02
2.446E-48	4.263E-54	0.	0.	0.	0.	1.000E+00	0.	1.000E+03
5.741E-43	2.905E-50	0.	2.074E-86	3.486E-08	6.279E-29	1.000E+00	8.178E-69	1.000E+03
1.422E-38	3.390E-47	0.	3.538E-76	3.397E-06	6.348E-27	1.000E+00	1.467E-55	1.100E+03
6.575E-35	1.660E-44	0.	1.190E-67	1.885E-05	3.565E-26	1.000E+00	1.371E-50	1.200E+03
8.301E-32	2.740E-42	0.	1.950E-60	8.018E-05	1.552E-25	9.999E-01	2.205E-46	1.300E+03
3.786E-29	2.190E-40	0.	2.977E-54	2.768E-04	5.450E-25	9.996E-01	8.894E-43	1.400E+03
7.642E-27	9.784E-39	2.567E-95	6.803E-49	8.085E-04	1.620E-24	9.988E-01	1.186E-39	1.500E+03
7.954E-25	2.742E-37	1.100E-91	3.310E-44	2.061E-02	4.213E-24	9.969E-01	6.431E-37	1.600E+03
4.795E-23	9.082E-36	5.407E-84	2.585E-40	4.692E-03	1.710E-23	9.930E-01	1.662E-34	1.700E+03
1.833E-21	1.275E-33	4.042E-83	1.192E-37	9.715E-03	3.701E-22	9.854E-01	2.312E-32	1.800E+03
4.772E-20	1.483E-31	1.802E-78	2.066E-35	1.853E-02	8.041E-21	9.722E-01	1.908E-30	1.900E+03
8.951E-19	1.101E-29	2.914E-74	2.072E-33	3.290E-02	1.312E-19	9.505E-01	1.008E-28	2.000E+03
1.264E-17	5.470E-28	1.909E-70	1.322E-31	5.474E-02	1.642E-18	9.175E-01	3.626E-27	2.100E+03
1.401E-16	1.916E-26	5.727E-67	5.686E-30	8.579E-02	1.630E-17	8.704E-01	9.327E-26	2.200E+03
1.251E-15	4.973E-25	8.745E-64	1.730E-28	1.271E-01	1.320E-16	8.073E-01	1.787E-24	2.300E+03
9.244E-15	9.916E-24	7.422E-61	3.871E-27	1.783E-01	8.937E-16	7.284E-01	2.636E-23	2.400E+03
5.768E-14	1.570E-22	3.784E-58	6.574E-26	2.373E-01	5.152E-15	6.360E-01	3.082E-22	2.500E+03
3.101E-13	2.040E-21	1.235E-55	8.715E-25	3.003E-01	2.576E-14	5.353E-01	2.930E-21	2.600E+03
1.440E-12	2.210E-20	2.730E-53	9.239E-24	3.621E-01	1.136E-13	4.331E-01	2.319E-20	2.700E+03
6.114E-12	2.086E-19	4.299E-51	8.011E-23	4.174E-01	4.479E-13	3.366E-01	1.564E-19	2.800E+03
2.314E-11	1.721E-18	5.044E-49	5.800E-22	4.623E-01	1.604E-12	2.514E-01	9.190E-19	2.900E+03
8.033E-11	1.274E-17	4.578E-47	3.577E-21	4.945E-01	5.292E-12	1.808E-01	4.820E-18	3.000E+03
2.595E-10	8.639E-17	3.356E-45	1.914E-20	5.143E-01	1.631E-11	1.258E-01	2.309E-17	3.100E+03
7.909E-10	3.455E-16	2.039E-43	9.050E-20	5.235E-01	4.754E-11	8.499E-02	1.033E-16	3.200E+03
2.300E-09	3.255E-15	1.055E-41	3.844E-19	5.252E-01	1.326E-10	5.610E-02	4.401E-16	3.300E+03
6.444E-09	1.851E-14	4.747E-40	1.489E-18	5.225E-01	3.564E-10	3.644E-02	1.810E-15	3.400E+03
1.748E-08	1.095E-13	1.858E-38	5.338E-18	5.180E-01	9.272E-10	2.347E-02	7.241E-15	3.500E+03
4.907E-08	2.195E-13	6.323E-37	1.791E-17	5.135E-01	2.331E-09	1.510E-02	2.816E-14	3.600E+03
1.171E-07	2.332E-12	1.851E-35	5.687E-16	5.098E-01	5.635E-09	9.776E-03	1.060E-13	3.700E+03
2.885E-07	1.132E-11	4.404E-34	1.727E-16	5.069E-01	1.302E-08	6.396E-03	3.839E-13	3.800E+03
6.884E-07	4.835E-11	9.606E-33	5.044E-16	5.048E-01	2.853E-08	4.242E-03	1.331E-12	3.900E+03
1.577E-06	1.891E-10	1.669E-31	1.446E-15	5.034E-01	5.903E-08	2.858E-03	4.403E-12	4.000E+03
3.492E-06	6.899E-10	2.412E-30	4.044E-15	5.024E-01	1.151E-07	1.956E-03	1.388E-11	4.100E+03
7.487E-06	2.188E-09	2.922E-29	1.109E-14	5.017E-01	2.117E-07	1.360E-03	4.176E-11	4.200E+03
1.932E-05	6.631E-09	3.012E-28	2.983E-14	5.012E-01	3.699E-07	9.609E-04	1.199E-10	4.300E+03
3.110E-05	1.875E-08	2.646E-27	7.836E-14	5.008E-01	6.175E-07	6.891E-04	3.292E-10	4.400E+03
6.091E-05	4.989E-08	2.106E-26	2.007E-13	5.006E-01	9.918E-07	5.012E-04	8.663E-10	4.500E+03
1.123E-04	1.256E-07	1.472E-25	5.002E-13	5.003E-01	1.540E-06	3.695E-04	2.190E-09	4.600E+03
2.129E-04	3.000E-07	9.259E-25	1.214E-12	5.000E-01	2.320E-06	2.759E-04	5.325E-09	4.700E+03
2.833E-04	6.888E-07	5.274E-24	2.873E-12	4.997E-01	3.398E-06	2.085E-04	1.249E-08	4.800E+03
6.737E-04	1.498E-06	2.731E-23	6.644E-12	4.992E-01	4.838E-06	1.593E-04	2.827E-08	4.900E+03
1.127E-03	3.428E-06	1.288E-22	1.505E-11	4.984E-01	6.698E-06	1.230E-04	6.191E-08	5.000E+03
1.945E-03	6.223E-06	5.544E-22	3.349E-11	4.972E-01	9.012E-06	9.588E-05	1.312E-07	5.100E+03
2.196E-03	1.187E-05	2.181E-21	7.329E-11	4.953E-01	1.178E-05	7.538E-05	2.692E-07	5.200E+03
5.148E-03	2.169E-05	7.878E-21	1.577E-10	4.923E-01	1.498E-05	5.971E-05	5.345E-07	5.300E+03
8.182E-03	3.895E-05	2.625E-20	3.333E-10	4.878E-01	1.855E-05	4.760E-05	1.026E-06	5.400E+03
1.248E-02	6.425E-05	8.131E-20	6.891E-10	4.812E-01	2.243E-05	3.813E-05	1.900E-06	5.500E+03
1.877E-02	1.047E-04	2.359E-19	1.388E-09	4.716E-01	2.653E-05	3.065E-05	3.384E-06	5.600E+03
2.720E-02	1.650E-04	6.458E-19	2.708E-09	4.584E-01	3.078E-05	2.466E-05	5.770E-06	5.700E+03
3.919E-02	2.524E-04	1.681E-18	5.091E-09	4.407E-01	3.509E-05	1.981E-05	9.378E-06	5.800E+03
5.910E-02	3.742E-04	4.184E-18	9.171E-09	4.179E-01	3.937E-05	1.586E-05	1.446E-05	5.900E+03
7.254E-02	5.397E-04	1.002E-17	1.576E-08	3.900E-01	4.349E-05	1.260E-05	2.106E-05	6.000E+03
9.399E-02	7.578E-04	2.315E-17	2.578E-08	3.574E-01	4.733E-05	9.915E-05	2.891E-05	6.100E+03
1.178E-01	1.037E-03	5.183E-17	4.007E-08	3.210E-01	5.073E-05	7.705E-06	3.737E-05	6.200E+03
1.430E-01	1.385E-03	1.128E-16	5.923E-08	2.825E-01	5.357E-05	5.902E-06	4.557E-05	6.300E+03
1.683E-01	1.810E-03	2.389E-16	8.346E-08	2.436E-01	5.574E-05	4.450E-06	5.258E-05	6.400E+03
1.927E-01	2.316E-03	4.937E-16	1.125E-07	2.061E-01	5.718E-05	3.303E-06	5.768E-05	6.500E+03
2.151E-01	2.909E-03	9.970E-16	1.457E-07	1.713E-01	5.788E-05	2.415E-06	6.048E-05	6.600E+03
2.349E-01	3.593E-03	1.970E-15	1.821E-07	1.402E-01	5.790E-05	1.743E-06	6.100E-05	6.700E+03
2.517E-01	4.375E-03	3.914E-15	2.207E-07	1.133E-01	5.732E-05	1.244E-06	5.956E-05	6.800E+03
2.656E-01	5.260E-03	7.242E-15	2.607E-07	9.073E-02	5.625E-05	8.802E-07	5.661E-05	6.900E+03
2.767E-01	6.254E-03	1.350E-14	3.013E-07	7.211E-02	5.480E-05	6.195E-07	5.268E-05	7.000E+03
2.853E-01	7.365E-03	2.472E-14	3.420E-07	5.704E-02	5.309E-05	4.346E-07	4.822E-05	7.100E+03
2.916E-01	8.602E-03	4.452E-14	3.824E-07	4.500E-02	5.120E-05	3.046E-07	4.357E-05	7.200E+03
2.962E-01	9.974E-03	7.889E-14	4.224E-07	3.546E-02	4.921E-05	2.137E-07	3.900E-05	7.300E+03
2.991E-01	1.137E-02	1.377E-13	4.619E-07	2.794E-02	4.719E-05	1.502E-07	3.466E-05	7.400E+03
3.004E-01	1.316E-02	2.368E-13	5.006E-07	2.205E-02	4.517E-05	1.059E-07	3.065E-05	7.500E+03
3.014E-01	1.499E-02	4.014E-13	5.385E-07	1.743E-02	4.318E-05	7.500E-08	2.700E-05	7.600E+03
3.011E-01	1.700E-02	6.715E-13	5.756E-07	1.381E-02	4.124E-05	5.334E-08	2.372E-05	7.700E+03
3.001E-01	1.919E-02	1.109E-12	6.117E-07	1.097E-02	3.936E-05	3.811E-08	2.075E-05	7.800E+03
2.983E-01	2.157E-02	1.808E-12	6.447E-07	8.736E-03	3.755E-05	2.736E-08	1.820E-05	7.900E+03
2.960E-01	2.415E-02	2.912E-12	6.805E-07	6.978E-03	3.581E-05	1.974E-08	1.592E-05	8.000E+03
2.938E-01	2.694E-02	7.301E-12	7.433E-07	4.490E-03	3.255E-05	1.042E-08	1.214E-05	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	3.897E-02	6.374E-01	2.338E-03	5.447E-18	2.589E-06	4.899E-06	2.875E-07	3.257E-11
8.600E+03	4.731E-02	6.313E-01	3.133E-03	1.967E-17	2.794E-06	4.041E-06	3.040E-07	2.990E-11
8.800E+03	5.677E-02	6.242E-01	4.154E-03	6.747E-17	2.983E-06	3.348E-06	3.207E-07	2.731E-11
9.000E+03	6.733E-02	6.160E-01	5.452E-03	2.205E-16	3.154E-06	2.783E-06	3.374E-07	2.480E-11
9.200E+03	7.899E-02	6.067E-01	7.089E-03	6.895E-16	3.302E-06	2.319E-06	3.542E-07	2.240E-11
9.400E+03	9.168E-02	5.963E-01	9.137E-03	2.068E-15	3.422E-06	1.937E-06	3.709E-07	2.009E-11
9.600E+03	1.053E-01	5.847E-01	1.168E-02	5.971E-15	3.512E-06	1.620E-06	3.874E-07	1.790E-11
9.800E+03	1.198E-01	5.719E-01	1.482E-02	1.663E-14	3.570E-06	1.356E-06	4.036E-07	1.584E-11
1.000E+04	1.350E-01	5.580E-01	1.865E-02	4.476E-14	3.595E-06	1.135E-06	4.191E-07	1.391E-11
1.020E+04	1.508E-01	5.428E-01	2.331E-02	1.167E-13	3.585E-06	9.490E-07	4.335E-07	1.211E-11
1.040E+04	1.670E-01	5.264E-01	2.890E-02	2.948E-13	3.543E-06	7.923E-07	4.465E-07	1.046E-11
1.060E+04	1.833E-01	5.087E-01	3.557E-02	7.227E-13	3.470E-06	6.597E-07	4.574E-07	8.961E-12
1.080E+04	2.004E-01	4.896E-01	4.340E-02	1.720E-12	3.368E-06	5.473E-07	4.654E-07	7.603E-12
1.100E+04	2.174E-01	4.692E-01	5.250E-02	3.974E-12	3.241E-06	4.518E-07	4.697E-07	6.388E-12
1.120E+04	2.345E-01	4.474E-01	6.289E-02	8.917E-12	3.091E-06	3.706E-07	4.696E-07	5.311E-12
1.140E+04	2.516E-01	4.243E-01	7.459E-02	1.943E-11	2.922E-06	3.017E-07	4.644E-07	4.365E-12
1.160E+04	2.688E-01	3.999E-01	8.752E-02	4.115E-11	2.738E-06	2.435E-07	4.536E-07	3.545E-12
1.180E+04	2.859E-01	3.745E-01	1.016E-01	8.466E-11	2.542E-06	1.945E-07	4.372E-07	2.841E-12
1.200E+04	3.029E-01	3.482E-01	1.165E-01	1.694E-10	2.337E-06	1.537E-07	4.153E-07	2.245E-12
1.220E+04	3.197E-01	3.214E-01	1.322E-01	3.299E-10	2.128E-06	1.200E-07	3.887E-07	1.748E-12
1.240E+04	3.360E-01	2.943E-01	1.483E-01	6.258E-10	1.919E-06	9.249E-08	3.583E-07	1.341E-12
1.260E+04	3.519E-01	2.675E-01	1.645E-01	1.158E-09	1.712E-06	7.040E-08	3.252E-07	1.012E-12
1.280E+04	3.671E-01	2.413E-01	1.806E-01	2.092E-09	1.513E-06	5.291E-08	2.909E-07	7.522E-13
1.300E+04	3.816E-01	2.161E-01	1.962E-01	3.694E-09	1.323E-06	3.927E-08	2.564E-07	5.506E-13
1.320E+04	3.951E-01	1.921E-01	2.111E-01	6.388E-09	1.146E-06	2.880E-08	2.229E-07	3.971E-13
1.340E+04	4.076E-01	1.697E-01	2.252E-01	1.082E-08	9.843E-07	2.090E-08	1.914E-07	2.824E-13
1.360E+04	4.190E-01	1.490E-01	2.383E-01	1.800E-08	8.382E-07	1.501E-08	1.625E-07	1.985E-13
1.380E+04	4.294E-01	1.302E-01	2.502E-01	2.941E-08	7.084E-07	1.069E-08	1.366E-07	1.379E-13
1.400E+04	4.387E-01	1.122E-01	2.610E-01	4.725E-08	5.950E-07	7.562E-09	1.138E-07	9.495E-14
1.420E+04	4.469E-01	9.811E-02	2.706E-01	7.474E-08	4.969E-07	5.318E-09	9.408E-08	6.487E-14
1.440E+04	4.541E-01	8.477E-02	2.791E-01	1.165E-07	4.132E-07	3.725E-09	7.735E-08	4.406E-14
1.460E+04	4.605E-01	7.309E-02	2.866E-01	1.791E-07	3.424E-07	2.602E-09	6.331E-08	2.980E-14
1.480E+04	4.660E-01	6.292E-02	2.931E-01	2.19E-07	2.830E-07	1.815E-09	5.163E-08	2.010E-14
1.500E+04	4.707E-01	5.412E-02	2.977E-01	4.076E-07	2.336E-07	1.266E-09	4.202E-08	1.354E-14
1.520E+04	4.748E-01	4.654E-02	3.036E-01	6.340E-07	1.926E-07	8.838E-10	3.415E-08	9.122E-15
1.540E+04	4.783E-01	4.004E-02	3.077E-01	8.853E-07	1.587E-07	6.182E-10	2.774E-08	6.153E-15
1.560E+04	4.814E-01	3.446E-02	3.113E-01	1.284E-06	1.309E-07	4.335E-10	2.255E-08	4.159E-15
1.580E+04	4.839E-01	2.970E-02	3.143E-01	1.845E-06	1.080E-07	3.050E-10	1.834E-08	2.820E-15
1.600E+04	4.862E-01	2.562E-02	3.169E-01	2.625E-06	9.928E-08	2.154E-10	1.494E-08	1.919E-15
1.620E+04	4.881E-01	2.214E-02	3.191E-01	3.702E-06	7.389E-08	1.528E-10	1.219E-08	1.311E-15
1.640E+04	4.898E-01	1.917E-02	3.210E-01	5.176E-06	6.127E-08	1.088E-10	9.963E-09	8.997E-16
1.660E+04	4.912E-01	1.663E-02	3.226E-01	7.178E-06	5.092E-08	7.792E-11	8.165E-09	6.205E-16
1.680E+04	4.925E-01	1.445E-02	3.239E-01	9.875E-06	4.241E-08	5.606E-11	6.709E-09	4.301E-16
1.700E+04	4.936E-01	1.258E-02	3.250E-01	1.348E-05	3.540E-08	4.054E-11	5.527E-09	2.997E-16
1.720E+04	4.946E-01	1.098E-02	3.260E-01	1.828E-05	2.953E-08	2.947E-11	4.566E-09	2.100E-16
1.740E+04	4.954E-01	9.603E-03	3.267E-01	2.460E-05	2.406E-08	2.153E-11	3.782E-09	1.479E-16
1.760E+04	4.963E-01	8.417E-03	3.274E-01	3.288E-05	2.091E-08	1.581E-11	3.142E-09	1.048E-16
1.780E+04	4.970E-01	7.397E-03	3.279E-01	4.367E-05	1.763E-08	1.167E-11	2.618E-09	7.464E-17
1.800E+04	4.978E-01	6.509E-03	3.282E-01	5.762E-05	1.491E-08	8.660E-12	2.188E-09	5.345E-17
1.820E+04	4.985E-01	5.742E-03	3.285E-01	7.556E-05	1.264E-08	6.458E-12	1.833E-09	3.849E-17
1.840E+04	4.993E-01	5.076E-03	3.287E-01	9.849E-05	1.075E-08	4.840E-12	1.540E-09	2.786E-17
1.860E+04	5.000E-01	4.498E-03	3.287E-01	1.276E-04	9.158E-09	3.645E-12	1.298E-09	2.028E-17
1.880E+04	5.008E-01	3.993E-03	3.286E-01	1.644E-04	7.826E-09	2.758E-12	1.096E-09	1.484E-17
1.900E+04	5.016E-01	3.562E-03	3.285E-01	2.107E-04	6.704E-09	2.097E-12	9.282E-10	1.091E-17
1.920E+04	5.026E-01	3.166E-03	3.282E-01	2.684E-04	5.758E-09	1.601E-12	7.880E-10	8.064E-18
1.940E+04	5.036E-01	2.828E-03	3.278E-01	3.402E-04	4.957E-09	1.228E-12	6.706E-10	5.990E-18
1.960E+04	5.046E-01	2.530E-03	3.273E-01	4.289E-04	4.279E-09	9.462E-13	5.720E-10	4.471E-18
1.980E+04	5.058E-01	2.268E-03	3.266E-01	5.380E-04	3.702E-09	7.320E-13	4.890E-10	3.353E-18
2.000E+04	5.071E-01	2.037E-03	3.259E-01	6.714E-04	3.211E-09	5.686E-13	4.182E-10	2.526E-18
2.020E+04	5.086E-01	1.833E-03	3.249E-01	8.336E-04	2.791E-09	4.434E-13	3.595E-10	1.912E-18
2.040E+04	5.102E-01	1.641E-03	3.239E-01	1.030E-03	2.432E-09	3.470E-13	3.091E-10	1.453E-18
2.060E+04	5.119E-01	1.460E-03	3.226E-01	1.267E-03	2.124E-09	2.726E-13	2.662E-10	1.110E-18
2.080E+04	5.138E-01	1.347E-03	3.213E-01	1.550E-03	1.859E-09	2.149E-13	2.297E-10	8.505E-19
2.100E+04	5.158E-01	1.220E-03	3.197E-01	1.888E-03	1.630E-09	1.700E-13	1.985E-10	6.544E-19
2.120E+04	5.179E-01	1.106E-03	3.180E-01	2.290E-03	1.432E-09	1.348E-13	1.717E-10	5.054E-19
2.140E+04	5.202E-01	1.004E-03	3.161E-01	2.765E-03	1.260E-09	1.073E-13	1.488E-10	3.917E-19
2.160E+04	5.227E-01	9.121E-04	3.140E-01	3.323E-03	1.111E-09	8.562E-14	1.290E-10	3.046E-19
2.180E+04	5.252E-01	8.299E-04	3.117E-01	3.978E-03	9.816E-10	6.850E-14	1.120E-10	2.376E-19
2.200E+04	5.279E-01	7.589E-04	3.092E-01	4.711E-03	8.683E-10	5.493E-14	9.737E-11	1.855E-19
2.220E+04	5.306E-01	6.882E-04	3.066E-01	5.629E-03	7.691E-10	4.415E-14	8.467E-11	1.458E-19
2.240E+04	5.335E-01	6.289E-04	3.037E-01	6.655E-03	6.821E-10	3.556E-14	7.468E-11	1.146E-19
2.260E+04	5.364E-01	5.743E-04	3.007E-01	7.837E-03	6.056E-10	2.888E-14	6.414E-11	9.033E-20
2.280E+04	5.393E-01	5.248E-04	2.974E-01	9.194E-03	5.382E-10	2.318E-14	5.585E-11	7.131E-20
2.300E+04	5.423E-01	4.798E-04	2.939E-01	1.074E-02	4.785E-10	1.875E-14	4.862E-11	5.639E-20
2.320E+04	5.454E-01	4.389E-04	2.901E-01	1.251E-02	4.260E-10	1.518E-14	4.234E-11	4.464E-20
2.340E+04	5.485E-01	4.016E-04	2.861E-01	1.450E-02	3.753E-10	1.231E-14	3.685E-11	3.538E-20
2.360E+04	5.516E-01	3.674E-04	2.818E-01	1.675E-02	3.379E-10	9.979E-15	3.205E-11	2.806E-20
2.380E+04	5.547E-01	3.362E-04	2.773E-01	1.928E-02	3.010E-10	8.092E-15	2.785E-11	2.227E-20
2.400E+04	5.578E-01	3.076E-04	2.724E-01	2.209E-02	2.682E-10	6.561E-15	2.417E-11	1.767E-20
2.420E+04	5.610E-01	2.813E-04	2.672E-01	2.521E-02	2.390E-10	5.318E-15	2.094E-11	1.402E-20
2.440E+04	5.642E-01	2.572E-04	2.616E-01	2.866E-02	2.128E-10	4.306E-15	1.811E-11	1.112E-20
2.460E+04	5.674E-01	2.349E-04	2.557E-01	3.244E-02	1.895E-10	3.483E-15	1.563E-11	8.806E-21
2.480E+04	5.707E-01	2.144E-04	2.494E-01	3.655E-02	1.685E-10	2.813E-15	1.345E-11	6.967E-21
2.500E+04	5.740E-01	1.965E-04	2.428E-01	4.101E-02	1.498E-10	2.267E-15	1.155E-11	5.504E-21

Table II. - Continued.

L	L+	L++	C-	CO	CO+	CO2	C2	T
2.018E-01	3.660E-02	1.753E-11	7.986E-07	2.920E-03	2.955E-05	5.600E-09	9.226E-06	8.400E+03
2.721E-01	4.416E-02	4.043E-11	8.444E-07	1.917E-03	2.640E-05	3.054E-09	6.985E-06	8.600E+03
2.609E-01	5.254E-02	4.977E-11	8.790E-07	1.268E-03	2.426E-05	1.694E-09	5.264E-06	8.800E+03
2.434E-01	6.135E-02	1.924E-10	9.007E-07	8.449E-04	2.191E-05	9.490E-10	3.442E-06	9.000E+03
2.347E-01	7.188E-02	3.987E-10	9.085E-07	5.658E-04	1.972E-05	5.373E-10	2.930E-06	9.200E+03
2.200E-01	8.253E-02	8.007E-10	9.017E-07	3.800E-04	1.769E-05	3.062E-10	2.159E-06	9.400E+03
2.044E-01	9.364E-02	1.500E-09	8.865E-07	2.559E-04	1.580E-05	1.756E-10	1.575E-06	9.600E+03
1.883E-01	1.050E-01	2.955E-09	8.460E-07	1.725E-04	1.405E-05	1.011E-10	1.136E-06	9.800E+03
1.719E-01	1.164E-01	5.446E-09	7.959E-07	1.162E-04	1.241E-05	5.838E-11	8.101E-07	1.000E+04
1.555E-01	1.275E-01	9.778E-09	7.445E-07	7.828E-05	1.090E-05	3.374E-11	5.706E-07	1.020E+04
1.395E-01	1.381E-01	1.712E-08	6.820E-07	5.262E-05	9.513E-06	1.949E-11	3.970E-07	1.040E+04
1.241E-01	1.480E-01	2.925E-08	6.172E-07	3.530E-05	8.241E-06	1.124E-11	2.731E-07	1.060E+04
1.095E-01	1.570E-01	4.884E-08	5.568E-07	2.363E-05	7.085E-06	6.467E-12	1.858E-07	1.080E+04
9.595E-02	1.659E-01	7.974E-08	4.859E-07	1.577E-05	6.044E-06	3.708E-12	1.252E-07	1.100E+04
8.357E-02	1.710E-01	1.274E-07	4.244E-07	1.049E-05	5.114E-06	2.116E-12	8.372E-08	1.120E+04
7.240E-02	1.770E-01	1.996E-07	3.674E-07	6.962E-06	4.291E-06	1.202E-12	5.559E-08	1.140E+04
6.245E-02	1.813E-01	3.066E-07	3.156E-07	4.600E-06	3.571E-06	6.782E-13	3.673E-08	1.160E+04
5.366E-02	1.844E-01	4.625E-07	2.694E-07	3.037E-06	2.948E-06	3.802E-13	2.418E-08	1.180E+04
4.559E-02	1.864E-01	6.874E-07	2.287E-07	1.997E-06	2.413E-06	2.115E-13	1.587E-08	1.200E+04
3.932E-02	1.875E-01	1.006E-06	1.932E-07	1.309E-06	1.960E-06	1.167E-13	1.041E-08	1.220E+04
3.356E-02	1.878E-01	1.452E-06	1.626E-07	8.522E-07	1.580E-06	6.389E-14	6.825E-09	1.240E+04
2.862E-02	1.874E-01	2.070E-06	1.363E-07	5.572E-07	1.265E-06	3.466E-14	4.477E-09	1.260E+04
2.439E-02	1.860E-01	2.921E-06	1.138E-07	3.621E-07	1.007E-06	1.867E-14	2.942E-09	1.280E+04
2.078E-02	1.834E-01	4.083E-06	9.483E-08	2.349E-07	7.965E-07	9.980E-15	1.937E-09	1.300E+04
1.771E-02	1.837E-01	5.659E-06	7.881E-08	1.521E-07	6.272E-07	5.248E-15	1.279E-09	1.320E+04
1.511E-02	1.824E-01	7.784E-06	6.537E-08	9.841E-08	4.919E-07	2.796E-15	8.483E-10	1.340E+04
1.290E-02	1.807E-01	1.064E-05	5.415E-08	6.368E-08	3.847E-07	1.470E-15	5.649E-10	1.360E+04
1.103E-02	1.782E-01	1.445E-05	4.481E-08	4.124E-08	3.002E-07	7.705E-16	3.781E-10	1.380E+04
9.455E-03	1.776E-01	1.951E-05	3.708E-08	2.675E-08	2.340E-07	4.034E-16	2.545E-10	1.400E+04
8.120E-03	1.752E-01	2.620E-05	3.068E-08	1.740E-08	1.823E-07	2.112E-16	1.724E-10	1.420E+04
6.949E-03	1.749E-01	3.501E-05	2.540E-08	1.136E-08	1.421E-07	1.108E-16	1.175E-10	1.440E+04
6.031E-03	1.738E-01	4.654E-05	2.105E-08	7.443E-09	1.109E-07	5.834E-17	8.059E-11	1.460E+04
5.218E-03	1.727E-01	6.157E-05	1.747E-08	4.902E-09	8.667E-08	3.085E-17	5.566E-11	1.480E+04
4.524E-03	1.718E-01	8.104E-05	1.452E-08	3.246E-09	6.790E-08	1.641E-17	3.872E-11	1.500E+04
3.939E-03	1.710E-01	1.062E-04	1.10E-08	2.163E-09	5.333E-08	8.788E-18	2.711E-11	1.520E+04
3.437E-03	1.703E-01	1.383E-04	1.010E-08	1.450E-09	4.201E-08	4.742E-18	1.912E-11	1.540E+04
3.007E-03	1.697E-01	1.794E-04	8.447E-09	9.782E-10	3.320E-08	2.580E-18	1.357E-11	1.560E+04
2.630E-03	1.691E-01	2.315E-04	7.084E-09	6.645E-10	2.633E-08	1.416E-18	4.702E-12	1.580E+04
2.321E-03	1.687E-01	2.973E-04	5.955E-09	4.546E-10	2.095E-08	7.843E-19	6.980E-12	1.600E+04
2.048E-03	1.682E-01	3.799E-04	5.018E-09	3.131E-10	1.673E-08	4.385E-19	5.053E-12	1.620E+04
1.811E-03	1.678E-01	4.830E-04	4.240E-09	2.172E-10	1.341E-08	2.475E-19	3.680E-12	1.640E+04
1.606E-03	1.674E-01	6.111E-04	3.591E-09	1.517E-10	1.079E-08	1.410E-19	2.697E-12	1.660E+04
1.428E-03	1.670E-01	7.695E-04	3.045E-09	1.068E-10	8.710E-09	8.113E-20	1.987E-12	1.680E+04
1.272E-03	1.666E-01	9.643E-04	2.595E-09	7.546E-11	7.056E-09	4.713E-20	1.472E-12	1.700E+04
1.136E-03	1.661E-01	1.203E-03	2.214E-09	5.378E-11	5.737E-09	2.763E-20	1.097E-12	1.720E+04
1.017E-03	1.657E-01	1.493E-03	1.893E-09	3.857E-11	4.679E-09	1.635E-20	8.208E-13	1.740E+04
9.119E-04	1.652E-01	1.844E-03	1.623E-09	2.782E-11	3.824E-09	9.764E-21	6.172E-13	1.760E+04
8.194E-04	1.648E-01	2.267E-03	1.394E-09	2.020E-11	3.142E-09	5.882E-21	4.661E-13	1.780E+04
7.375E-04	1.639E-01	2.775E-03	1.199E-09	1.474E-11	2.387E-09	3.574E-21	3.535E-13	1.800E+04
6.649E-04	1.631E-01	3.375E-03	1.034E-09	1.032E-11	2.135E-09	2.140E-21	2.640E-13	1.820E+04
6.003E-04	1.622E-01	4.096E-03	8.928E-10	7.985E-12	1.766E-09	1.352E-21	2.055E-13	1.840E+04
5.427E-04	1.612E-01	4.942E-03	7.722E-10	5.921E-12	1.465E-09	8.417E-22	1.574E-13	1.860E+04
4.911E-04	1.600E-01	5.932E-03	6.685E-10	4.411E-12	1.217E-09	5.277E-22	1.205E-13	1.880E+04
4.449E-04	1.586E-01	7.096E-03	5.801E-10	3.301E-12	1.014E-09	3.332E-22	9.303E-14	1.900E+04
4.033E-04	1.570E-01	8.421E-03	5.036E-10	2.480E-12	8.454E-10	2.116E-22	7.174E-14	1.920E+04
3.658E-04	1.552E-01	9.957E-03	4.376E-10	1.870E-12	7.056E-10	1.354E-22	5.539E-14	1.940E+04
3.318E-04	1.531E-01	1.171E-02	3.805E-10	1.415E-12	5.897E-10	8.712E-23	4.280E-14	1.960E+04
3.010E-04	1.507E-01	1.370E-02	3.310E-10	1.074E-12	4.932E-10	5.635E-23	3.308E-14	1.980E+04
2.731E-04	1.481E-01	1.593E-02	2.880E-10	8.177E-13	4.126E-10	3.653E-23	2.557E-14	2.000E+04
2.476E-04	1.451E-01	1.842E-02	2.506E-10	6.239E-13	3.453E-10	2.393E-23	1.975E-14	2.020E+04
2.243E-04	1.419E-01	2.119E-02	2.179E-10	4.770E-13	2.889E-10	1.565E-23	1.524E-14	2.040E+04
2.036E-04	1.383E-01	2.422E-02	1.895E-10	3.652E-13	2.415E-10	1.033E-23	1.174E-14	2.060E+04
1.836E-04	1.344E-01	2.752E-02	1.646E-10	2.801E-13	2.018E-10	6.824E-24	9.026E-15	2.080E+04
1.658E-04	1.302E-01	3.107E-02	1.429E-10	2.150E-13	1.685E-10	4.521E-24	6.422E-15	2.100E+04
1.494E-04	1.257E-01	3.486E-02	1.239E-10	1.651E-13	1.404E-10	3.003E-24	5.272E-15	2.120E+04
1.345E-04	1.209E-01	3.887E-02	1.073E-10	1.269E-13	1.164E-10	1.995E-24	4.020E-15	2.140E+04
1.208E-04	1.159E-01	4.307E-02	9.272E-11	9.752E-14	9.713E-11	1.333E-24	3.059E-15	2.160E+04
1.083E-04	1.107E-01	4.742E-02	8.002E-11	7.446E-14	8.055E-11	6.904E-25	2.312E-15	2.180E+04
9.884E-05	1.054E-01	5.189E-02	6.894E-11	5.757E-14	6.667E-11	5.954E-25	1.742E-15	2.200E+04
8.643E-05	9.993E-02	5.643E-02	5.928E-11	4.420E-14	5.507E-11	3.985E-25	1.307E-15	2.220E+04
7.697E-05	9.442E-02	6.101E-02	5.088E-11	3.392E-14	4.538E-11	2.669E-25	9.779E-16	2.240E+04
6.839E-05	8.890E-02	6.557E-02	4.358E-11	2.600E-14	3.731E-11	1.788E-25	7.275E-16	2.260E+04
6.064E-05	8.342E-02	7.007E-02	3.726E-11	1.992E-14	3.081E-11	1.198E-25	5.390E-16	2.280E+04
5.366E-05	7.801E-02	7.448E-02	3.179E-11	1.525E-14	2.506E-11	8.029E-26	3.978E-16	2.300E+04
4.739E-05	7.273E-02	7.876E-02	2.708E-11	1.168E-14	2.046E-11	5.380E-26	2.925E-16	2.320E+04
4.177E-05	6.701E-02	8.286E-02	2.303E-11	8.905E-15	1.667E-11	3.604E-26	2.143E-16	2.340E+04
3.676E-05	6.267E-02	8.677E-02	1.956E-11	6.755E-15	1.350E-11	2.413E-26	1.565E-16	2.360E+04
3.231E-05	5.795E-02	9.046E-02	1.659E-11	5.181E-15	1.100E-11	1.614E-26	1.140E-16	2.380E+04
2.835E-05	5.365E-02	9.391E-02	1.405E-11	3.946E-15	8.904E-12	1.079E-26	8.286E-17	2.400E+04
2.485E-05	4.921E-02	9.710E-02	1.189E-11	3.003E-15	7.194E-12	7.211E-27	6.009E-17	2.420E+04
2.177E-05	4.521E-02	1.000E-01	1.006E-11	2.243E-15	5.801E-12	4.812E-27	4.351E-17	2.440E+04
1.905E-05	4.147E-02	1.027E-01	8.501E-12	1.727E-15	4.668E-12	3.207E-27	3.146E-17	2.460E+04
1.666E-05	3.798E-02	1.051E-01	7.183E-12	1.311E-15	3.749E-12	2.135E-27	2.273E-17	2.480E+04
1.457E-05	3.474E-02	1.072E-01	6.068E-12	9.945E-16	3.005E-12	1.419E-27	1.642E-17	2.500E+04

Table II. - Continued

P/P0 = 1.00E-01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.475E-11	1.760E-18	0.
2.000E+02	0.	2.389E-67	0.	0.	0.	5.063E-11	1.760E-18	0.
3.000E+02	0.	1.122E-45	9.992E-80	0.	0.	5.565E-11	1.760E-18	0.
4.000E+02	0.	7.649E-35	2.651E-62	0.	0.	4.975E-11	1.760E-18	0.
5.000E+02	0.	2.579E-28	7.645E-52	0.	0.	4.886E-11	1.760E-18	0.
6.000E+02	1.093E-92	5.977E-24	7.304E-45	0.	0.	4.911E-11	1.760E-18	3.641E-96
7.000E+02	5.321E-78	8.583E-21	6.704E-40	0.	1.444E-89	5.663E-11	1.760E-18	8.926E-83
8.000E+02	6.854E-66	6.928E-18	1.036E-36	0.	5.104E-76	7.506E-10	1.760E-18	1.396E-70
9.000E+02	5.596E-56	2.213E-15	1.820E-34	0.	9.234E-65	1.687E-08	1.760E-18	3.862E-60
1.000E+03	5.026E-48	2.275E-13	1.127E-32	0.	9.806E-56	2.092E-07	1.760E-18	9.224E-52
1.100E+03	1.650E-41	1.010E-11	3.317E-31	0.	2.381E-48	1.640E-06	1.760E-18	6.587E-45
1.200E+03	4.515E-36	2.388E-10	5.579E-30	0.	3.394E-42	9.099E-06	1.760E-18	3.375E-39
1.300E+03	1.823E-31	3.476E-09	6.102E-29	0.	5.461E-37	3.871E-05	1.760E-18	2.278E-34
1.400E+03	1.639E-27	3.453E-08	4.758E-28	0.	1.582E-32	1.336E-04	1.760E-18	3.127E-30
1.500E+03	4.415E-24	2.527E-07	2.829E-27	0.	1.163E-28	3.902E-04	1.760E-18	1.201E-26
1.600E+03	4.450E-21	1.442E-06	1.353E-26	0.	2.796E-25	9.942E-04	1.763E-18	1.631E-23
1.700E+03	1.196E-18	6.703E-06	9.041E-26	0.	1.599E-22	2.262E-03	2.959E-18	5.626E-21
1.800E+03	2.755E-17	2.623E-05	3.096E-24	0.	7.143E-21	4.678E-03	2.947E-17	1.598E-19
1.900E+03	3.223E-16	8.872E-05	1.033E-22	0.	1.497E-19	8.907E-03	3.264E-16	2.227E-18
2.000E+03	2.878E-15	2.647E-04	2.501E-21	0.	2.237E-18	1.577E-02	2.905E-15	2.292E-17
2.100E+03	2.076E-14	7.077E-04	4.496E-20	3.575E-87	2.542E-17	2.612E-02	2.097E-14	1.847E-16
2.200E+03	1.244E-13	1.718E-03	6.236E-19	6.283E-83	2.273E-16	4.068E-02	1.258E-13	1.198E-15
2.300E+03	6.329E-13	3.821E-03	6.903E-18	4.796E-79	1.642E-15	5.971E-02	6.408E-13	6.389E-15
2.400E+03	2.782E-12	7.853E-03	6.271E-17	1.769E-75	9.779E-15	8.270E-02	2.819E-12	2.842E-14
2.500E+03	1.071E-11	1.500E-02	4.786E-16	3.454E-72	4.884E-14	1.081E-01	1.086E-11	1.068E-13
2.600E+03	3.656E-11	2.676E-02	3.121E-15	3.852E-69	2.072E-13	1.334E-01	3.708E-11	3.419E-13
2.700E+03	1.117E-10	4.478E-02	1.786E-14	2.619E-66	7.558E-13	1.552E-01	1.133E-10	9.401E-13
2.800E+03	3.084E-10	7.052E-02	9.008E-14	1.148E-63	2.392E-12	1.703E-01	3.125E-10	2.234E-12
2.900E+03	7.742E-10	1.049E-01	4.071E-13	3.406E-61	6.625E-12	1.761E-01	7.835E-10	4.614E-12
3.000E+03	7.799E-09	1.476E-01	1.666E-12	7.140E-59	1.617E-11	1.716E-01	1.797E-09	8.322E-12
3.100E+03	3.765E-09	1.971E-01	6.230E-12	1.095E-56	3.503E-11	1.575E-01	3.792E-09	1.317E-11
3.200E+03	7.373E-09	2.502E-01	2.148E-11	1.263E-54	6.770E-11	1.362E-01	7.394E-09	1.836E-11
3.300E+03	1.344E-08	3.029E-01	6.868E-11	1.138E-52	1.177E-10	1.112E-01	1.339E-08	2.270E-11
3.400E+03	2.297E-08	3.510E-01	2.050E-10	8.080E-51	1.856E-10	8.612E-02	2.264E-08	2.516E-11
3.500E+03	3.710E-08	3.916E-01	5.734E-10	4.604E-49	2.694E-10	6.374E-02	3.597E-08	2.541E-11
3.600E+03	5.729E-08	4.233E-01	1.508E-09	2.134E-47	3.659E-10	4.560E-02	5.403E-08	2.389E-11
3.700E+03	9.556E-08	4.467E-01	3.733E-09	8.097E-46	4.735E-10	3.192E-02	7.717E-08	2.140E-11
3.800E+03	1.252E-07	4.633E-01	8.694E-09	2.499E-44	5.949E-10	2.211E-02	1.052E-07	1.870E-11
3.900E+03	1.814E-07	4.747E-01	1.903E-08	6.292E-43	7.376E-10	1.529E-02	1.370E-07	1.626E-11
4.000E+03	2.632E-07	4.825E-01	3.907E-08	1.293E-41	9.144E-10	1.067E-02	1.705E-07	1.429E-11
4.100E+03	3.844E-07	4.878E-01	7.529E-08	2.176E-40	1.143F-09	7.444E-03	2.032E-07	1.283E-11
4.200E+03	5.666E-07	4.913E-01	1.367E-07	3.032E-39	1.447E-09	5.273E-03	2.326E-07	1.180E-11
4.300E+03	8.417E-07	4.988E-01	2.350E-07	3.553E-38	1.852E-09	3.780E-03	2.571E-07	1.112E-11
4.400E+03	1.255E-06	4.985E-01	3.856E-07	3.566E-37	2.370E-09	2.744E-03	2.763E-07	1.071E-11
4.500E+03	1.873E-06	4.967E-01	6.082E-07	3.122E-36	3.098E-09	2.016E-03	2.904E-07	1.048E-11
4.600E+03	2.787E-06	4.976E-01	9.272E-07	2.419E-35	4.023E-09	1.500E-03	3.001E-07	1.039E-11
4.700E+03	4.130E-06	4.982E-01	1.372E-06	1.677E-34	5.225E-09	1.129E-03	3.058E-07	1.043E-11
4.800E+03	6.096E-06	4.988E-01	1.974E-06	1.049E-33	6.786E-09	8.598E-04	3.077E-07	1.057E-11
4.900E+03	9.969E-06	4.992E-01	2.765E-06	5.946E-33	8.821E-09	6.618E-04	3.058E-07	1.084E-11
5.000E+03	1.318E-05	4.997E-01	3.773E-06	3.064E-32	1.149E-08	5.148E-04	3.000E-07	1.125E-11
5.100E+03	1.936E-05	5.002E-01	5.015E-06	1.439E-31	1.504E-08	4.045E-04	2.904E-07	1.183E-11
5.200E+03	2.850E-05	5.009E-01	6.494E-06	6.178E-31	1.978E-08	3.211E-04	2.773E-07	1.262E-11
5.300E+03	4.201E-05	5.019E-01	9.205E-06	2.435E-30	2.617E-08	2.574E-04	2.615E-07	1.366E-11
5.400E+03	6.200E-05	5.033E-01	1.314E-05	8.870E-30	3.480E-08	2.084E-04	2.440E-07	1.498E-11
5.500E+03	9.140E-05	5.053E-01	1.230E-05	3.013E-29	4.641E-08	1.705E-04	2.260E-07	1.662E-11
5.600E+03	1.342E-04	5.082E-01	1.471E-05	9.636E-29	6.194E-08	1.410E-04	2.088E-07	1.861E-11
5.700E+03	1.956E-04	5.123E-01	1.743E-05	2.934E-28	8.245E-08	1.179E-04	1.932E-07	2.097E-11
5.800E+03	2.821E-04	5.177E-01	2.055E-05	8.593E-28	1.092E-07	9.979E-05	1.801E-07	2.371E-11
5.900E+03	4.013E-04	5.247E-01	2.423E-05	2.445E-27	1.434E-07	8.549E-05	1.696E-07	2.682E-11
6.000E+03	5.617E-04	5.334E-01	2.866E-05	6.809E-27	1.862E-07	7.412E-05	1.620E-07	3.026E-11
6.100E+03	7.721E-04	5.436E-01	3.408E-05	1.867E-26	2.387E-07	6.497E-05	1.571E-07	3.398E-11
6.200E+03	1.041E-03	5.551E-01	4.079E-05	5.071E-26	3.014E-07	5.749E-05	1.547E-07	3.781E-11
6.300E+03	1.377E-03	5.674E-01	4.913E-05	1.364E-25	3.745E-07	5.123E-05	1.546E-07	4.165E-11
6.400E+03	1.788E-03	5.800E-01	5.953E-05	3.637E-25	4.574E-07	4.588E-05	1.563E-07	4.531E-11
6.500E+03	2.278E-03	5.923E-01	7.244E-05	9.612E-25	5.401E-07	4.120E-05	1.596E-07	4.862E-11
6.600E+03	2.855E-03	6.037E-01	8.843E-05	2.514E-24	6.482E-07	3.702E-05	1.642E-07	5.141E-11
6.700E+03	3.524E-03	6.140E-01	1.081E-04	6.494E-24	7.531E-07	3.326E-05	1.696E-07	5.359E-11
6.800E+03	4.290E-03	6.228E-01	1.321E-04	1.655E-23	8.623E-07	2.986E-05	1.758E-07	5.513E-11
6.900E+03	5.159E-03	6.302E-01	1.614E-04	4.151E-23	9.746E-07	2.677E-05	1.824E-07	5.604E-11
7.000E+03	6.140E-03	6.361E-01	1.967E-04	1.024E-22	1.089E-06	2.397E-05	1.895E-07	5.637E-11
7.100E+03	7.239E-03	6.407E-01	2.392E-04	2.484E-22	1.205E-06	2.146E-05	1.968E-07	5.621E-11
7.200E+03	8.466E-03	6.442E-01	2.900E-04	5.914E-22	1.322E-06	1.920E-05	2.043E-07	5.565E-11
7.300E+03	9.822E-03	6.467E-01	3.504E-04	1.382E-21	1.439E-06	1.719E-05	2.120E-07	5.478E-11
7.400E+03	1.135E-02	6.484E-01	4.218E-04	3.170E-21	1.559E-06	1.539E-05	2.199E-07	5.367E-11
7.500E+03	1.302E-02	6.493E-01	5.060E-04	7.137E-21	1.677E-06	1.380E-05	2.278E-07	5.238E-11
7.600E+03	1.486E-02	6.497E-01	6.047E-04	1.577E-20	1.796E-06	1.238E-05	2.359E-07	5.088E-11
7.700E+03	1.689E-02	6.496E-01	7.199E-04	3.424E-20	1.916E-06	1.112E-05	2.440E-07	4.949E-11
7.800E+03	1.911E-02	6.490E-01	8.540E-04	7.302E-20	2.036E-06	1.001E-05	2.523E-07	4.794E-11
7.900E+03	2.144E-02	6.480E-01	1.009E-03	1.531E-19	2.156E-06	9.014E-06	2.606E-07	4.637E-11
8.000E+03	2.418E-02	6.457E-01	1.189E-03	3.156E-19	2.276E-06	8.133E-06	2.690E-07	4.477E-11
8.200E+03	3.015E-02	6.432E-01	1.633E-03	1.278E-18	2.513E-06	6.649E-06	2.860E-07	4.159E-11

Table II. - Continued.

P/PQ = 1.00E-01

L	L+	L++	C-	CO	CO+	CC2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.977E-04	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.422E-40	4.252E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.672E-27	1.875E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.294E-20	4.351E-47	1.000E+00	0.	5.000E+02
3.935E-18	4.053E-19	0.	0.	3.720E-15	7.475E-39	1.000E+00	0.	6.000E+02
2.352E-04	2.343E-06	0.	0.	1.165E-11	4.628E-33	1.000E+00	5.851E-91	7.000E+02
4.205E-55	6.224E-59	0.	0.	1.408E-09	2.480E-30	1.000E+00	5.670E-78	8.000E+02
2.272E-48	4.115E-54	0.	0.	3.364E-08	6.278E-29	1.000E+00	7.895E-69	9.000E+02
5.351E-43	2.805E-50	0.	0.	4.184E-07	7.957E-28	1.000E+00	1.538E-61	1.000E+03
1.329E-38	3.860E-47	0.	0.	3.184E-76	3.280E-06	1.000E+00	1.416E-55	1.100E+03
6.121E-35	1.603E-44	0.	0.	1.071E-67	1.820E-05	1.000E+00	1.324E-50	1.200E+03
7.138E-32	2.645E-42	0.	0.	1.755E-60	7.742E-05	1.552E-25	9.999E-01	1.300E+03
3.529E-29	2.114E-40	0.	0.	2.660E-54	2.673E-04	5.450E-25	9.996E-01	1.400E+03
7.124E-27	9.454E-39	2.567E-55	6.123E-49	7.806E-04	1.620E-24	9.988E-01	1.145E-39	1.500E+03
7.414E-25	2.646E-37	1.059E-91	2.480E-44	1.940E-03	4.212E-24	9.970E-01	6.210E-37	1.600E+03
4.470E-23	6.413E-36	4.977E-88	2.425E-40	4.531E-03	1.640E-23	9.932E-01	1.604E-34	1.700E+03
1.704E-21	1.150E-33	3.527E-83	3.527E-37	9.382E-03	3.458E-22	9.859E-01	2.233E-32	1.800E+03
4.449E-20	1.355E-31	1.566E-78	1.994E-35	1.790E-02	7.500E-21	9.731E-01	1.643E-30	1.900E+03
6.347E-19	4.911E-30	2.531E-74	2.002E-33	3.180E-02	1.224E-19	9.522E-01	9.743E-29	2.000E+03
1.181E-17	4.922E-28	1.057E-70	1.278E-31	5.295E-02	1.532E-18	9.202E-01	3.506E-27	2.100E+03
1.308E-16	1.724E-26	4.967E-67	5.504E-30	8.307E-02	1.523E-17	8.745E-01	9.025E-26	2.200E+03
1.168E-15	4.473E-25	7.574E-64	1.677E-28	1.232E-01	1.233E-16	8.132E-01	1.731E-24	2.300E+03
8.655E-15	6.912E-24	6.421E-61	3.760E-27	1.732E-01	8.354E-16	7.362E-01	2.557E-23	2.400E+03
5.394E-14	1.410E-22	3.263E-58	6.403E-26	2.312E-01	4.820E-15	6.457E-01	2.995E-22	2.500E+03
2.902E-13	1.829E-21	1.061E-55	8.514E-25	2.945E-01	2.413E-14	5.464E-01	2.852E-21	2.600E+03
1.367E-12	1.965E-20	2.335E-53	5.058E-24	3.552E-01	1.064E-13	4.449E-01	2.261E-20	2.700E+03
5.731E-12	1.862E-19	3.655E-51	7.884E-23	4.111E-01	4.201E-13	3.482E-01	1.526E-19	2.800E+03
2.169E-11	1.530E-18	4.256E-49	5.731E-22	4.570E-01	1.505E-12	2.621E-01	8.973E-19	2.900E+03
7.525E-11	1.127E-17	3.831E-47	3.547E-21	4.907E-01	4.960E-12	1.901E-01	4.700E-18	3.000E+03
2.427E-10	7.390E-17	2.771E-45	1.905E-20	5.121E-01	1.526E-11	1.334E-01	2.243E-17	3.100E+03
7.372E-10	4.751E-16	1.660E-43	4.030E-20	5.227E-01	4.435E-11	9.085E-02	9.977E-17	3.200E+03
2.135E-09	2.806E-15	8.448E-42	3.842E-19	5.254E-01	1.232E-10	6.048E-02	4.214E-16	3.300E+03
5.9E-09	1.578E-14	3.738E-40	1.490E-18	5.233E-01	3.296E-10	3.957E-02	1.718E-15	3.400E+03
1.606E-08	6.465E-14	1.441E-38	5.338E-18	5.190E-01	8.534E-10	2.564E-02	6.791E-15	3.500E+03
4.203E-08	4.346E-13	4.842E-37	1.789E-17	5.145E-01	2.137E-09	1.658E-02	2.615E-14	3.600E+03
1.056E-07	2.106E-12	1.407E-35	5.667E-17	5.106E-01	5.156E-09	1.077E-02	9.762E-14	3.700E+03
2.619E-07	9.556E-12	3.486E-34	1.715E-16	5.075E-01	1.191E-08	7.066E-03	3.512E-13	3.800E+03
6.216E-07	4.026E-11	7.246E-33	5.004E-16	5.053E-01	2.616E-08	4.695E-03	1.212E-12	3.900E+03
1.425E-06	1.564E-10	1.276E-31	1.421E-15	5.037E-01	5.434E-08	3.166E-03	3.995E-12	4.000E+03
3.155E-06	5.583E-10	1.662E-30	3.947E-15	5.026E-01	1.065E-07	2.169E-03	1.257E-11	4.100E+03
6.753E-06	1.636E-09	2.260E-29	1.076E-14	5.019E-01	1.970E-07	1.509E-03	3.774E-11	4.200E+03
1.399E-05	5.588E-09	2.373E-28	2.875E-14	5.013E-01	3.459E-07	1.067E-03	1.082E-10	4.300E+03
2.809E-05	1.567E-08	2.135E-27	7.517E-14	5.009E-01	5.801E-07	7.651E-04	2.969E-10	4.400E+03
5.477E-05	4.256E-08	1.686E-26	1.917E-13	5.006E-01	9.351E-07	5.566E-04	7.810E-10	4.500E+03
1.038E-04	1.070E-07	1.186E-25	4.763E-13	5.004E-01	1.457E-06	4.104E-04	1.973E-09	4.600E+03
1.917E-04	2.569E-07	7.501E-25	1.153E-12	5.001E-01	2.201E-06	3.065E-04	4.798E-09	4.700E+03
3.451E-04	5.884E-07	4.299E-24	2.719E-12	4.998E-01	3.233E-06	2.316E-04	1.125E-08	4.800E+03
6.066E-04	1.248E-06	2.241E-23	6.267E-12	4.993E-01	4.620E-06	1.770E-04	2.547E-08	4.900E+03
1.042E-03	2.644E-06	1.065E-22	1.415E-11	4.986E-01	6.421E-06	1.367E-04	5.579E-08	5.000E+03
1.752E-03	5.395E-06	4.625E-22	3.135E-11	4.975E-01	8.678E-06	1.066E-04	1.183E-07	5.100E+03
2.842E-03	1.034E-05	1.638E-21	6.842E-11	4.958E-01	1.140E-05	8.380E-05	2.429E-07	5.200E+03
4.643E-03	1.900E-05	6.703E-21	1.465E-10	4.931E-01	1.457E-05	6.641E-05	4.832E-07	5.300E+03
7.520E-03	3.351E-05	2.255E-20	3.085E-10	4.890E-01	1.814E-05	5.297E-05	9.297E-07	5.400E+03
1.129E-02	5.688E-05	7.048E-20	6.367E-10	4.830E-01	2.204E-05	4.248E-05	1.727E-06	5.500E+03
1.702E-02	9.310E-05	7.060E-19	1.262E-09	4.743E-01	2.618E-05	3.415E-05	3.091E-06	5.600E+03
2.501E-02	1.476E-04	677E-19	2.506E-09	4.622E-01	3.051E-05	2.756E-05	5.305E-06	5.700E+03
3.579E-02	2.260E-04	485E-19	4.729E-09	4.458E-01	3.492E-05	2.220E-05	8.695E-06	5.800E+03
4.974E-02	3.377E-04	3.712E-18	8.568E-09	4.244E-01	3.932E-05	1.783E-05	1.355E-05	5.900E+03
6.703E-02	4.845E-04	8.914E-18	1.484E-08	3.984E-01	4.360E-05	1.423E-05	1.998E-05	6.000E+03
8.747E-02	6.905E-04	2.065E-17	2.450E-08	3.673E-01	4.763E-05	1.126E-05	2.781E-05	6.100E+03
1.105E-01	9.495E-04	4.633E-17	3.847E-08	3.322E-01	5.126E-05	8.802E-06	3.650E-05	6.200E+03
1.311E-01	1.274E-03	1.009E-16	5.750E-08	2.946E-01	5.436E-05	6.790E-06	4.521E-05	6.300E+03
1.603E-01	1.672E-03	2.140E-16	8.192E-08	2.560E-01	5.681E-05	5.159E-06	5.297E-05	6.400E+03
1.848E-01	2.148E-03	4.425E-16	1.116E-07	2.182E-01	5.854E-05	3.860E-06	5.897E-05	6.500E+03
2.077E-01	2.708E-03	6.448E-16	1.400E-07	1.827E-01	5.952E-05	2.845E-06	6.249E-05	6.600E+03
2.243E-01	3.357E-03	1.769E-15	1.841E-07	1.506E-01	5.978E-05	2.069E-06	6.402E-05	6.700E+03
2.460E-01	4.094E-03	3.426E-15	2.249E-07	1.225E-01	5.940E-05	1.487E-06	6.315E-05	6.800E+03
2.608E-01	4.941E-03	6.508E-15	2.675E-07	9.860E-02	5.848E-05	1.059E-06	6.064E-05	6.900E+03
2.728E-01	5.887E-03	1.213E-14	3.110E-07	7.874E-02	5.714E-05	7.493E-07	5.688E-05	7.000E+03
2.822E-01	6.946E-03	2.223E-14	3.548E-07	6.254E-02	5.549E-05	5.282E-07	5.241E-05	7.100E+03
2.943E-01	8.124E-03	4.003E-14	3.984E-07	4.950E-02	5.363E-05	3.717E-07	4.763E-05	7.200E+03
2.944E-01	9.431E-03	7.046E-14	4.16E-07	3.912E-02	5.164E-05	2.616E-07	4.283E-05	7.300E+03
2.980E-01	1.088E-02	1.238E-13	4.642E-07	3.090E-02	4.959E-05	1.844E-07	3.823E-05	7.400E+03
3.002E-01	1.247E-02	2.130E-13	5.260E-07	2.443E-02	4.753E-05	1.304E-07	3.390E-05	7.500E+03
3.012E-01	1.422E-02	3.612E-13	5.671E-07	1.935E-02	4.548E-05	9.250E-08	2.995E-05	7.600E+03
3.013E-01	1.613E-02	6.042E-13	6.073E-07	1.535E-02	4.348E-05	6.590E-08	2.638E-05	7.700E+03
3.005E-01	1.822E-02	9.976E-13	6.464E-07	1.221E-02	4.154E-05	4.717E-08	2.318E-05	7.800E+03
2.991E-01	2.049E-02	1.627E-12	6.844E-07	9.739E-03	3.966E-05	3.392E-08	2.033E-05	7.900E+03
2.971E-01	2.295E-02	2.621E-12	7.212E-07	7.789E-03	3.786E-05	2.451E-08	1.781E-05	8.000E+03
2.941E-01	2.649E-02	6.572E-12	7.960E-07	5.024E-03	3.446E-05	1.297E-08	1.364E-05	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	3.710E-02	6.386E-01	2.214E-03	4.877E-18	2.745E-06	5.464E-06	3.032E-07	3.844E-11
8.600E+03	4.509E-02	6.329E-01	2.966E-03	1.759E-17	2.966E-06	4.513E-06	3.706E-07	3.536E-11
8.800E+03	5.416E-02	6.281E-01	3.931E-03	6.022E-17	3.172E-06	3.742E-06	3.382E-07	3.236E-11
9.000E+03	6.432E-02	6.183E-01	5.156E-03	1.965E-16	3.360E-06	3.115E-06	3.559E-07	2.947E-11
9.200E+03	7.555E-02	6.094E-01	6.700E-03	6.131E-16	3.524E-06	2.600E-06	3.736E-07	2.668E-11
9.400E+03	8.782E-02	5.993E-01	8.629E-03	1.836E-15	3.661E-06	2.174E-06	3.912E-07	2.400E-11
9.600E+03	1.010E-01	5.882E-01	1.102E-02	5.287E-15	3.766E-06	1.822E-06	4.087E-07	2.146E-11
9.800E+03	1.151E-01	5.759E-01	1.397E-02	1.469E-14	3.838E-06	1.527E-06	4.258E-07	1.905E-11
1.000E+04	1.300E-01	5.624E-01	1.758E-02	3.945E-14	3.875E-06	1.281E-06	4.423E-07	1.679E-11
1.020E+04	1.454E-01	5.477E-01	2.195E-02	1.026E-13	3.876E-06	1.074E-06	4.578E-07	1.468E-11
1.040E+04	1.614E-01	5.319E-01	2.721E-02	2.586E-13	3.842E-06	8.987E-07	4.719E-07	1.274E-11
1.060E+04	1.777E-01	5.147E-01	3.348E-02	6.327E-13	3.775E-06	7.506E-07	4.840E-07	1.096E-11
1.080E+04	1.942E-01	4.963E-01	4.085E-02	1.503E-12	3.677E-06	6.248E-07	4.934E-07	9.346E-12
1.100E+04	2.110E-01	4.765E-01	4.943E-02	3.470E-12	3.550E-06	5.177E-07	4.991E-07	7.895E-12
1.120E+04	2.279E-01	4.554E-01	5.927E-02	7.782E-12	3.398E-06	4.266E-07	5.006E-07	6.603E-12
1.140E+04	2.449E-01	4.330E-01	7.039E-02	1.696E-11	3.225E-06	3.497E-07	4.969E-07	5.462E-12
1.160E+04	2.619E-01	4.093E-01	8.273E-02	3.592E-11	3.034E-06	2.834E-07	4.876E-07	4.466E-12
1.180E+04	2.789E-01	3.845E-01	9.621E-02	7.399E-11	2.829E-06	2.278E-07	4.724E-07	3.607E-12
1.200E+04	2.958E-01	3.588E-01	1.107E-01	1.483E-10	2.614E-06	1.813E-07	4.516E-07	2.874E-12
1.220E+04	3.125E-01	3.324E-01	1.259E-01	2.892E-10	2.392E-06	1.426E-07	4.254E-07	2.258E-12
1.240E+04	3.289E-01	3.058E-01	1.416E-01	5.496E-10	2.168E-06	1.109E-07	3.950E-07	1.748E-12
1.260E+04	3.449E-01	2.791E-01	1.576E-01	1.019E-09	1.945E-06	8.515E-08	3.612E-07	1.333E-12
1.280E+04	3.602E-01	2.529E-01	1.736E-01	1.844E-09	1.728E-06	6.457E-08	3.256E-07	1.001E-12
1.300E+04	3.749E-01	2.275E-01	1.892E-01	3.264E-09	1.521E-06	4.837E-08	2.893E-07	7.403E-13
1.320E+04	3.887E-01	2.032E-01	2.043E-01	5.654E-09	1.325E-06	3.581E-08	2.535E-07	5.396E-13
1.340E+04	4.015E-01	1.804E-01	2.186E-01	9.599E-09	1.145E-06	2.621E-08	2.194E-07	3.879E-13
1.360E+04	4.134E-01	1.591E-01	2.320E-01	1.599E-08	9.805E-07	1.900E-08	1.876E-07	2.754E-13
1.380E+04	4.242E-01	1.396E-01	2.443E-01	2.616E-08	8.334E-07	1.365E-08	1.588E-07	1.932E-13
1.400E+04	4.339E-01	1.219E-01	2.556E-01	4.210E-08	7.036E-07	9.730E-09	1.332E-07	1.343E-13
1.420E+04	4.425E-01	1.060E-01	2.657E-01	6.668E-08	5.906E-07	6.894E-09	1.108E-07	9.252E-14
1.440E+04	4.502E-01	9.187E-02	2.746E-01	1.041E-07	4.933E-07	4.861E-09	9.165E-08	6.334E-14
1.460E+04	4.570E-01	7.945E-02	2.826E-01	1.602E-07	4.105E-07	3.417E-09	7.539E-08	4.314E-14
1.480E+04	4.628E-01	6.859E-02	2.895E-01	2.433E-07	3.405E-07	2.397E-09	6.178E-08	2.929E-14
1.500E+04	4.680E-01	5.914E-02	2.956E-01	3.650E-07	2.819E-07	1.680E-09	5.048E-08	1.985E-14
1.520E+04	4.724E-01	5.097E-02	3.008E-01	5.413E-07	2.331E-07	1.178E-09	4.117E-08	1.344E-14
1.540E+04	4.762E-01	4.393E-02	3.053E-01	7.940E-07	1.927E-07	8.270E-10	3.356E-08	9.105E-15
1.560E+04	4.795E-01	3.788E-02	3.091E-01	1.152E-06	1.592E-07	5.818E-10	2.734E-08	6.179E-15
1.580E+04	4.823E-01	3.269E-02	3.124E-01	1.656E-06	1.317E-07	4.105E-10	2.229E-08	4.203E-15
1.600E+04	4.847E-01	2.824E-02	3.153E-01	2.357E-06	1.090E-07	2.907E-10	1.819E-08	2.868E-15
1.620E+04	4.868E-01	2.443E-02	3.177E-01	3.326E-06	9.034E-08	2.066E-10	1.487E-08	1.965E-15
1.640E+04	4.886E-01	2.117E-02	3.197E-01	4.651E-06	7.501E-08	1.475E-10	1.218E-08	1.351E-15
1.660E+04	4.902E-01	1.837E-02	3.215E-01	6.451E-06	6.240E-08	1.057E-10	9.993E-09	9.337E-16
1.680E+04	4.916E-01	1.598E-02	3.230E-01	8.878E-06	5.201E-08	7.618E-11	8.220E-09	6.483E-16
1.700E+04	4.928E-01	1.392E-02	3.242E-01	1.212E-05	4.346E-08	5.515E-11	6.778E-09	4.524E-16
1.720E+04	4.938E-01	1.216E-02	3.253E-01	1.644E-05	3.639E-08	4.013E-11	5.604E-09	3.173E-16
1.740E+04	4.948E-01	1.084E-02	3.261E-01	2.213E-05	3.055E-08	2.935E-11	4.646E-09	2.238E-16
1.760E+04	4.957E-01	9.326E-03	3.269E-01	2.958E-05	2.571E-08	2.157E-11	3.863E-09	1.586E-16
1.780E+04	4.965E-01	8.195E-03	3.274E-01	3.929E-05	2.169E-08	1.593E-11	3.220E-09	1.131E-16
1.800E+04	4.973E-01	7.216E-03	3.279E-01	5.186E-05	1.835E-08	1.183E-11	2.692E-09	8.103E-17
1.820E+04	4.980E-01	6.368E-03	3.282E-01	6.801E-05	1.556E-08	8.826E-12	2.257E-09	5.838E-17
1.840E+04	4.987E-01	5.631E-03	3.284E-01	8.867E-05	1.325E-08	6.617E-12	1.897E-09	4.228E-17
1.860E+04	4.995E-01	4.990E-03	3.286E-01	1.149E-04	1.128E-08	4.988E-12	1.599E-09	3.078E-17
1.880E+04	5.003E-01	4.481E-03	3.286E-01	1.481E-04	9.639E-09	3.774E-12	1.351E-09	2.253E-17
1.900E+04	5.011E-01	3.942E-03	3.285E-01	1.898E-04	8.258E-09	2.870E-12	1.145E-09	1.657E-17
1.920E+04	5.020E-01	3.515E-03	3.283E-01	2.420E-04	7.093E-09	2.192E-12	9.722E-10	1.225E-17
1.940E+04	5.029E-01	3.139E-03	3.280E-01	3.068E-04	6.107E-09	1.682E-12	8.277E-10	9.102E-18
1.960E+04	5.039E-01	2.810E-03	3.275E-01	3.869E-04	5.272E-09	1.296E-12	7.062E-10	6.795E-18
1.980E+04	5.050E-01	2.519E-03	3.270E-01	4.854E-04	4.561E-09	1.003E-12	6.039E-10	5.097E-18
2.000E+04	5.063E-01	2.262E-03	3.263E-01	6.061E-04	3.956E-09	7.793E-13	5.175E-10	3.841E-18
2.020E+04	5.076E-01	2.036E-03	3.255E-01	7.529E-04	3.439E-09	6.078E-13	4.444E-10	2.907E-18
2.040E+04	5.091E-01	1.835E-03	3.245E-01	9.308E-04	2.996E-09	4.759E-13	3.823E-10	2.210E-18
2.060E+04	5.107E-01	1.666E-03	3.234E-01	1.145E-03	2.616E-09	3.740E-13	3.294E-10	1.687E-18
2.080E+04	5.125E-01	1.497E-03	3.221E-01	1.402E-03	2.289E-09	2.949E-13	2.844E-10	1.293E-18
2.100E+04	5.144E-01	1.356E-03	3.207E-01	1.709E-03	2.007E-09	2.333E-13	2.459E-10	9.954E-19
2.120E+04	5.165E-01	1.224E-03	3.191E-01	2.074E-03	1.764E-09	1.852E-13	2.129E-10	7.689E-19
2.140E+04	5.186E-01	1.116E-03	3.173E-01	2.506E-03	1.552E-09	1.474E-13	1.845E-10	5.961E-19
2.160E+04	5.210E-01	1.014E-03	3.153E-01	3.014E-03	1.369E-09	1.177E-13	1.602E-10	4.637E-19
2.180E+04	5.234E-01	9.233E-04	3.132E-01	3.610E-03	1.209E-09	9.421E-14	1.392E-10	3.619E-19
2.200E+04	5.260E-01	8.413E-04	3.109E-01	4.305E-03	1.070E-09	7.560E-14	1.210E-10	2.832E-19
2.220E+04	5.286E-01	7.673E-04	3.084E-01	5.114E-03	9.478E-10	6.080E-14	1.053E-10	2.223E-19
2.240E+04	5.314E-01	7.005E-04	3.056E-01	6.051E-03	8.403E-10	4.901E-14	9.176E-11	1.749E-19
2.260E+04	5.342E-01	6.400E-04	3.027E-01	7.131E-03	7.468E-10	3.957E-14	7.996E-11	1.379E-19
2.280E+04	5.371E-01	5.851E-04	2.996E-01	8.371E-03	6.639E-10	3.201E-14	6.970E-11	1.090E-19
2.300E+04	5.401E-01	5.353E-04	2.963E-01	9.789E-03	5.908E-10	2.593E-14	6.077E-11	8.627E-20
2.320E+04	5.431E-01	4.899E-04	2.927E-01	1.140E-02	5.261E-10	2.102E-14	5.299E-11	6.839E-20
2.340E+04	5.461E-01	4.486E-04	2.889E-01	1.324E-02	4.688E-10	1.706E-14	4.618E-11	5.428E-20
2.360E+04	5.492E-01	4.108E-04	2.848E-01	1.530E-02	4.179E-10	1.386E-14	4.024E-11	4.312E-20
2.380E+04	5.523E-01	3.763E-04	2.805E-01	1.763E-02	3.727E-10	1.126E-14	3.503E-11	3.428E-20
2.400E+04	5.554E-01	3.446E-04	2.758E-01	2.022E-02	3.324E-10	9.150E-15	3.046E-11	2.726E-20
2.420E+04	5.585E-01	3.155E-04	2.709E-01	2.311E-02	2.965E-10	7.433E-15	2.646E-11	2.168E-20
2.440E+04	5.617E-01	2.888E-04	2.656E-01	2.630E-02	2.644E-10	6.035E-15	2.294E-11	1.723E-20
2.460E+04	5.649E-01	2.642E-04	2.600E-01	2.982E-02	2.357E-10	4.895E-15	1.986E-11	1.369E-20
2.480E+04	5.681E-01	2.416E-04	2.540E-01	3.366E-02	2.100E-10	3.965E-15	1.715E-11	1.086E-20
2.500E+04	5.714E-01	2.206E-04	2.477E-01	3.783E-02	1.870E-10	3.207E-15	1.477E-11	8.611E-21

Table II. - Continued.

C	C+	C++	C-	CU	CO+	CO2	C2	T
2.839E-01	3.486E-02	1.578E-11	8.512E-07	3.275E-03	3.134E-05	6.993E-09	1.041E-05	8.400E+03
2.747E-01	4.210E-02	3.640E-11	9.028E-07	2.156E-03	2.846E-05	3.831E-09	7.913E-06	8.600E+03
2.641E-01	5.021E-02	8.085E-11	9.430E-07	1.431E-03	2.581E-05	2.129E-09	5.990E-06	8.800E+03
2.521E-01	5.914E-02	1.733E-10	9.701E-07	9.561E-04	2.336E-05	1.198E-09	4.510E-06	9.000E+03
2.389E-01	6.883E-02	3.593E-10	9.825E-07	6.424E-04	2.108E-05	6.806E-10	3.372E-06	9.200E+03
2.246E-01	7.917E-02	7.217E-10	9.798E-07	4.333E-04	1.896E-05	3.900E-10	2.501E-06	9.400E+03
2.094E-01	9.001E-02	1.407E-09	9.617E-07	2.931E-04	1.698E-05	2.248E-10	1.437E-06	9.600E+03
1.937E-01	1.011E-01	2.667E-09	9.291E-07	1.945E-04	1.514E-05	1.302E-10	1.336E-06	9.800E+03
1.775E-01	1.124E-01	4.918E-09	8.836E-07	1.345E-04	1.343E-05	7.564E-11	9.603E-07	1.000E+04
1.613E-01	1.235E-01	8.837E-09	8.275E-07	9.105E-05	1.184E-05	4.400E-11	6.824E-07	1.020E+04
1.454E-01	1.341E-01	1.549E-08	7.636E-07	6.157E-05	1.037E-05	2.560E-11	4.792E-07	1.040E+04
1.299E-01	1.442E-01	2.650E-08	6.947E-07	4.156E-05	9.024E-06	1.488E-11	3.327E-07	1.060E+04
1.152E-01	1.534E-01	4.431E-08	6.240E-07	2.799E-05	7.795E-06	8.629E-12	2.285E-07	1.080E+04
1.014E-01	1.616E-01	7.244E-08	5.538E-07	1.880E-05	6.683E-06	4.989E-12	1.554E-07	1.100E+04
8.871E-02	1.688E-01	1.100E-07	4.865E-07	1.260E-05	5.684E-06	2.873E-12	1.048E-07	1.120E+04
7.717E-02	1.745E-01	1.819E-07	4.236E-07	8.415E-06	4.796E-06	1.647E-12	7.018E-08	1.140E+04
6.603E-02	1.792E-01	2.800E-07	3.657E-07	5.605E-06	4.014E-06	9.386E-13	4.674E-08	1.160E+04
5.765E-02	1.827E-01	4.232E-07	3.137E-07	3.722E-06	3.333E-06	5.315E-13	3.100E-08	1.180E+04
4.957E-02	1.852E-01	6.243E-07	2.675E-07	2.465E-06	2.745E-06	2.989E-13	2.050E-08	1.200E+04
4.252E-02	1.866E-01	9.217E-07	2.270E-07	1.627E-06	2.243E-06	1.668E-13	1.353E-08	1.220E+04
3.641E-02	1.873E-01	1.331E-06	1.918E-07	1.071E-06	1.819E-06	9.232E-14	8.921E-09	1.240E+04
3.113E-02	1.872E-01	1.900E-06	1.614E-07	7.027E-07	1.465E-06	5.076E-14	5.888E-09	1.260E+04
2.600E-02	1.867E-01	2.681E-06	1.354E-07	4.600E-07	1.173E-06	2.762E-14	3.889E-09	1.280E+04
2.272E-02	1.857E-01	3.746E-06	1.132E-07	3.004E-07	9.332E-07	1.773E-14	2.573E-09	1.300E+04
1.941E-02	1.846E-01	5.189E-06	9.439E-08	1.959E-07	7.388E-07	8.04E-15	1.707E-09	1.320E+04
1.659E-02	1.829E-01	7.133E-06	7.856E-08	1.276E-07	5.825E-07	4.260E-15	1.136E-09	1.340E+04
1.419E-02	1.813E-01	9.736E-06	6.527E-08	8.305E-08	4.577E-07	2.274E-15	7.592E-10	1.360E+04
1.215E-02	1.798E-01	1.321E-05	5.417E-08	5.409E-08	3.587E-07	1.204E-15	5.097E-10	1.380E+04
1.043E-02	1.783E-01	1.781E-05	4.494E-08	3.528E-08	2.807E-07	6.360E-16	3.440E-10	1.400E+04
8.965E-03	1.768E-01	2.389E-05	3.727E-08	2.306E-08	2.195E-07	3.359E-16	2.334E-10	1.420E+04
7.724E-03	1.755E-01	3.189E-05	3.092E-08	1.511E-08	1.717E-07	1.776E-16	1.594E-10	1.440E+04
6.671E-03	1.743E-01	4.234E-05	2.567E-08	9.944E-09	1.344E-07	9.415E-17	1.095E-10	1.460E+04
5.776E-03	1.732E-01	5.594E-05	2.134E-08	6.572E-09	1.053E-07	5.010E-17	7.576E-11	1.480E+04
5.014E-03	1.723E-01	7.356E-05	1.777E-08	4.365E-09	8.266E-08	2.680E-17	5.276E-11	1.500E+04
4.365E-03	1.714E-01	9.625E-05	1.482E-08	2.916E-09	6.505E-08	1.442E-17	3.698E-11	1.520E+04
3.810E-03	1.707E-01	1.253E-04	1.238E-08	1.759E-09	5.133E-08	7.813E-18	2.610E-11	1.540E+04
3.335E-03	1.700E-01	1.624E-04	1.037E-08	1.325E-09	4.062E-08	4.266E-18	1.855E-11	1.560E+04
2.927E-03	1.694E-01	2.094E-04	8.700E-09	9.014E-10	3.225E-08	2.345E-18	1.326E-11	1.580E+04
2.576E-03	1.689E-01	2.688E-04	7.319E-09	6.175E-10	2.569E-08	1.305E-18	9.46E-12	1.600E+04
2.273E-03	1.684E-01	3.432E-04	6.172E-09	4.259E-10	2.054E-08	7.311E-19	6.914E-12	1.620E+04
2.011E-03	1.680E-01	4.363E-04	5.217E-09	2.958E-10	1.648E-08	4.135E-19	5.039E-12	1.640E+04
1.783E-03	1.676E-01	5.518E-04	4.421E-09	2.068E-10	1.326E-08	2.361E-19	3.694E-12	1.660E+04
1.586E-03	1.672E-01	6.947E-04	3.756E-09	1.455E-10	1.072E-08	1.360E-19	2.723E-12	1.680E+04
1.413E-03	1.668E-01	8.704E-04	3.198E-09	1.031E-10	8.687E-09	7.913E-20	2.019E-12	1.700E+04
1.262E-03	1.664E-01	1.085E-03	2.729E-09	7.351E-11	7.067E-09	4.646E-20	1.504E-12	1.720E+04
1.130E-03	1.659E-01	1.347E-03	2.335E-09	5.275E-11	5.767E-09	2.752E-20	1.126E-12	1.740E+04
1.014E-03	1.654E-01	1.664E-03	2.002E-09	3.808E-11	4.722E-09	1.645E-20	8.474E-13	1.760E+04
9.111E-04	1.649E-01	2.047E-03	1.720E-09	2.766E-11	3.878E-09	9.921E-21	6.404E-13	1.780E+04
8.204E-04	1.643E-01	2.505E-03	1.481E-09	2.020E-11	3.194E-09	6.034E-21	4.860E-13	1.800E+04
7.399E-04	1.635E-01	3.053E-03	1.277E-09	1.484E-11	2.638E-09	3.700E-21	3.702E-13	1.820E+04
6.683E-04	1.627E-01	3.702E-03	1.103E-09	1.096E-11	2.184E-09	2.288E-21	2.830E-13	1.840E+04
6.045E-04	1.618E-01	4.408E-03	9.548E-10	8.131E-12	1.813E-09	1.425E-21	2.170E-13	1.860E+04
5.475E-04	1.607E-01	5.368E-03	8.275E-10	6.063E-12	1.508E-09	8.943E-22	1.669E-13	1.880E+04
4.963E-04	1.594E-01	6.417E-03	7.162E-10	4.541E-12	1.256E-09	6.552E-22	1.286E-13	1.900E+04
4.502E-04	1.579E-01	7.634E-03	6.240E-10	3.415E-12	1.049E-09	3.596E-22	9.935E-14	1.920E+04
4.087E-04	1.563E-01	9.036E-03	5.427E-10	2.578E-12	8.765E-10	2.303E-22	7.685E-14	1.940E+04
3.712E-04	1.543E-01	1.064E-02	4.723E-10	1.953E-12	7.335E-10	1.483E-22	5.952E-14	1.960E+04
3.372E-04	1.522E-01	1.247E-02	4.113E-10	1.485E-12	6.144E-10	9.610E-23	4.612E-14	1.980E+04
3.063E-04	1.497E-01	1.453E-02	3.583E-10	1.132E-12	5.149E-10	6.258E-23	3.575E-14	2.000E+04
2.781E-04	1.470E-01	1.683E-02	3.122E-10	8.650E-13	4.317E-10	4.094E-23	2.770E-14	2.020E+04
2.524E-04	1.440E-01	1.940E-02	2.720E-10	6.626E-13	3.619E-10	2.691E-23	2.145E-14	2.040E+04
2.289E-04	1.406E-01	2.222E-02	2.368E-10	5.084E-13	3.033E-10	1.775E-23	1.659E-14	2.060E+04
2.074E-04	1.370E-01	2.531E-02	2.062E-10	3.907E-13	2.540E-10	1.176E-23	1.280E-14	2.080E+04
1.877E-04	1.330E-01	2.865E-02	1.793E-10	3.007E-13	2.126E-10	7.809E-24	9.863E-15	2.100E+04
1.696E-04	1.288E-01	3.224E-02	1.558E-10	2.316E-13	1.777E-10	5.202E-24	7.578E-15	2.120E+04
1.530E-04	1.242E-01	3.606E-02	1.352E-10	1.784E-13	1.484E-10	3.473E-24	5.782E-15	2.140E+04
1.378E-04	1.195E-01	4.008E-02	1.172E-10	1.376E-13	1.237E-10	2.324E-24	4.420E-15	2.160E+04
1.239E-04	1.145E-01	4.427E-02	1.014E-10	1.060E-13	1.029E-10	1.557E-24	3.363E-15	2.180E+04
1.112E-04	1.093E-01	4.861E-02	8.783E-11	8.173E-14	8.550E-11	1.045E-24	2.550E-15	2.200E+04
9.954E-05	1.040E-01	5.304E-02	7.558E-11	6.247E-14	7.087E-11	7.023E-25	1.926E-15	2.220E+04
8.993E-05	9.857E-02	5.754E-02	6.506E-11	4.849E-14	5.863E-11	4.722E-25	1.450E-15	2.240E+04
7.928E-05	9.312E-02	6.206E-02	5.590E-11	3.732E-14	4.839E-11	3.177E-25	1.085E-15	2.260E+04
7.052E-05	8.767E-02	6.655E-02	4.795E-11	2.870E-14	3.985E-11	2.138E-25	8.100E-16	2.280E+04
6.261E-05	8.226E-02	7.098E-02	4.105E-11	2.205E-14	3.275E-11	1.439E-25	6.016E-16	2.300E+04
5.547E-05	7.695E-02	7.531E-02	3.508E-11	1.692E-14	2.685E-11	9.687E-26	4.452E-16	2.320E+04
4.905E-05	7.176E-02	7.949E-02	2.992E-11	1.298E-14	2.197E-11	6.519E-26	3.283E-16	2.340E+04
4.330E-05	6.673E-02	8.351E-02	2.549E-11	9.943E-15	1.793E-11	4.386E-26	2.413E-16	2.360E+04
3.817E-05	6.188E-02	8.732E-02	2.168E-11	7.611E-15	1.461E-11	2.949E-26	1.768E-16	2.380E+04
3.359E-05	5.725E-02	9.092E-02	1.842E-11	5.820E-15	1.187E-11	1.982E-26	1.292E-16	2.400E+04
2.953E-05	5.285E-02	9.428E-02	1.563E-11	4.446E-15	9.630E-12	1.331E-26	9.425E-17	2.420E+04
2.593E-05	4.869E-02	9.739E-02	1.325E-11	3.393E-15	7.795E-12	8.926E-27	6.860E-17	2.440E+04
2.275E-05	4.477E-02	1.002E-01	1.123E-11	2.587E-15	6.298E-12	5.981E-27	4.985E-17	2.460E+04
1.994E-05	4.110E-02	1.028E-01	9.510E-12	1.971E-15	5.079E-12	4.003E-27	3.619E-17	2.480E+04
1.748E-05	3.768E-02	1.052E-01	8.051E-12	1.495E-15	4.087E-12	2.675E-27	2.625E-17	2.500E+04

Table II. - Continued.

P/PO = 2.00E-01

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.512E-11	1.760E-18	0.
2.000E+02	0.	1.725E-67	0.	0.	0.	5.279E-11	1.760E-18	0.
3.000E+02	0.	7.994E-46	7.012E-80	0.	0.	5.649E-11	1.760E-18	0.
4.000E+02	0.	5.440E-35	1.863E-62	0.	0.	5.034E-11	1.760E-18	0.
5.000E+02	0.	1.828E-28	5.395E-52	0.	0.	4.907E-11	1.760E-18	0.
6.000E+02	5.381E-93	4.193E-24	5.206E-45	0.	0.	4.633E-11	1.760E-18	3.526E-96
7.000E+02	2.505E-78	5.874E-21	4.881E-40	0.	9.357E-90	5.341E-11	1.760E-18	7.941E-83
8.000E+02	2.757E-66	4.393E-18	8.168E-37	0.	2.074E-76	6.038E-10	1.760E-18	9.036E-71
9.000E+02	2.222E-54	1.395E-15	1.444E-34	0.	4.620E-65	1.339E-08	1.760E-18	2.435E-60
1.000E+03	1.995E-48	1.433E-13	8.949E-33	0.	4.902E-56	1.661E-07	1.760E-18	5.811E-52
1.100E+03	6.549E-42	6.364E-12	2.632E-31	0.	1.189E-48	1.302E-06	1.760E-18	4.150E-45
1.200E+03	1.792E-36	1.505E-10	4.428E-30	0.	1.697E-42	7.222E-06	1.760E-18	2.126E-39
1.300E+03	7.241E-32	2.190E-09	4.843E-29	0.	2.731E-37	3.072E-05	1.760E-18	1.434E-34
1.400E+03	6.504E-28	2.175E-08	3.776E-28	0.	7.881E-33	1.061E-04	1.760E-18	1.970E-30
1.500E+03	1.752E-24	1.592E-07	2.245E-27	0.	5.817E-29	3.098E-04	1.760E-18	7.566E-27
1.600E+03	1.771E-21	9.084E-07	1.072E-26	0.	1.401E-25	7.895E-04	1.761E-18	1.030E-23
1.700E+03	5.664E-19	4.225E-06	5.715E-26	0.	1.005E-22	1.798E-03	2.358E-18	4.457E-21
1.800E+03	1.704E-17	1.654E-05	1.574E-24	0.	5.572E-21	3.722E-03	1.896E-17	1.573E-19
1.900E+03	2.027E-16	5.601E-05	5.185E-23	0.	1.189E-19	7.101E-03	2.068E-16	2.233E-18
2.000E+03	1.815E-15	1.674E-04	1.254E-21	0.	1.785E-18	1.261E-02	1.842E-15	2.313E-17
2.100E+03	1.313E-14	4.488E-04	2.254E-20	1.416E-87	2.039E-17	2.101E-02	1.334E-14	1.879E-16
2.200E+03	7.805E-14	1.094E-03	3.128E-19	2.483E-83	1.837E-16	3.298E-02	8.036E-14	1.233E-15
2.300E+03	4.039E-13	2.447E-03	3.464E-18	1.886E-79	1.342E-15	4.896E-02	4.118E-13	6.685E-15
2.400E+03	1.788E-12	5.067E-03	3.147E-17	6.909E-76	8.113E-15	6.887E-02	1.826E-12	3.044E-14
2.500E+03	6.954E-12	9.778E-03	2.403E-16	1.336E-72	4.134E-14	9.190E-02	7.110E-12	1.179E-13
2.600E+03	2.404E-11	1.767E-02	1.572E-15	1.470E-69	1.803E-13	1.163E-01	2.460E-11	3.923E-13
2.700E+03	7.465E-11	3.005E-02	8.968E-15	9.843E-67	6.778E-13	1.398E-01	7.639E-11	1.131E-12
2.800E+03	2.100E-10	4.825E-02	4.524E-14	4.232E-64	2.229E-12	1.594E-01	2.148E-10	2.848E-12
2.900E+03	5.393E-10	7.388E-02	2.045E-13	1.228E-61	6.460E-12	1.725E-01	5.509E-10	6.297E-12
3.000E+03	1.273E-09	1.060E-01	8.367E-13	2.507E-59	1.663E-11	1.772E-01	1.297E-09	1.229E-11
3.100E+03	2.775E-09	1.460E-01	3.130E-12	3.731E-57	3.825E-11	1.728E-01	2.822E-09	2.130E-11
3.200E+03	5.622E-09	1.917E-01	1.079E-11	4.177E-55	7.913E-11	1.600E-01	5.695E-09	3.288E-11
3.300E+03	1.063E-08	2.410E-01	3.454E-11	3.617E-53	1.481E-10	1.408E-01	1.071E-08	4.544E-11
3.400E+03	1.886E-08	2.903E-01	1.032E-10	2.471E-51	2.522E-10	1.178E-01	1.886E-08	5.654E-11
3.500E+03	3.157E-08	3.385E-01	2.896E-10	1.371E-49	3.940E-10	9.415E-02	3.123E-08	6.386E-11
3.600E+03	5.020E-08	3.767E-01	7.658E-10	6.203E-48	5.706E-10	7.223E-02	4.883E-08	6.630E-11
3.700E+03	7.651E-08	4.095E-01	1.913E-09	2.321E-46	7.763E-10	5.365E-02	7.252E-08	6.432E-11
3.800E+03	1.129E-07	4.349E-01	4.524E-09	7.211E-45	1.007E-09	3.896E-02	1.027E-07	5.942E-11
3.900E+03	1.628E-07	4.536E-01	1.013E-08	1.866E-43	1.265E-09	2.792E-02	1.393E-07	5.322E-11
4.000E+03	2.321E-07	4.670E-01	2.144E-08	4.023E-42	1.561E-09	1.991E-02	1.812E-07	4.724E-11
4.100E+03	3.297E-07	4.766E-01	4.289E-08	7.226E-41	1.916E-09	1.42E-02	2.262E-07	4.200E-11
4.200E+03	4.698E-07	4.832E-01	8.105E-08	1.084E-39	2.360E-09	1.020E-02	2.713E-07	3.785E-11
4.300E+03	6.739E-07	4.879E-01	1.450E-07	1.369E-38	2.930E-09	7.380E-03	3.135E-07	3.477E-11
4.400E+03	9.731E-07	4.912E-01	2.466E-07	1.471E-37	3.673E-09	5.391E-03	3.502E-07	3.261E-11
4.500E+03	1.412E-06	4.935E-01	4.008E-07	1.365E-36	4.641E-09	3.981E-03	3.803E-07	3.118E-11
4.600E+03	2.052E-06	4.952E-01	6.267E-07	1.110E-35	5.894E-09	2.971E-03	4.037E-07	3.031E-11
4.700E+03	2.978E-06	4.964E-01	9.475E-07	8.035E-35	7.507E-09	2.242E-03	4.209E-07	2.985E-11
4.800E+03	4.311E-06	4.973E-01	1.391E-06	5.228E-34	9.570E-09	1.709E-03	4.325E-07	2.974E-11
4.900E+03	6.219E-06	4.980E-01	1.989E-06	3.085E-33	1.220E-08	1.317E-03	4.389E-07	2.992E-11
5.000E+03	8.939E-06	4.986E-01	2.775E-06	1.661E-32	1.556E-08	1.025E-03	4.403E-07	3.040E-11
5.100E+03	1.282E-05	4.991E-01	3.779E-06	8.192E-32	1.987E-08	8.056E-04	4.368E-07	3.119E-11
5.200E+03	1.836E-05	4.997E-01	5.027E-06	3.711E-31	2.543E-08	6.390E-04	4.283E-07	3.237E-11
5.300E+03	2.630E-05	5.003E-01	6.532E-06	1.548E-30	3.267E-08	5.116E-04	4.151E-07	3.399E-11
5.400E+03	3.772E-05	5.012E-01	8.298E-06	5.967E-30	4.216E-08	4.132E-04	3.977E-07	3.615E-11
5.500E+03	5.414E-05	5.023E-01	1.032E-05	2.134E-29	5.465E-08	3.369E-04	3.770E-07	3.892E-11
5.600E+03	7.771E-05	5.039E-01	1.259E-05	7.123E-29	7.112E-08	2.772E-04	3.545E-07	4.239E-11
5.700E+03	1.113E-04	5.062E-01	1.512E-05	2.237E-28	9.275E-08	2.302E-04	3.314E-07	4.662E-11
5.800E+03	1.589E-04	5.093E-01	1.795E-05	6.662E-28	1.210E-07	1.931E-04	3.094E-07	5.169E-11
5.900E+03	2.252E-04	5.134E-01	2.113E-05	1.900E-27	1.574E-07	1.637E-04	2.894E-07	5.762E-11
6.000E+03	3.160E-04	5.189E-01	2.478E-05	5.233E-27	2.038E-07	1.403E-04	2.724E-07	6.443E-11
6.100E+03	4.381E-04	5.257E-01	2.904E-05	1.403E-26	2.620E-07	1.215E-04	2.589E-07	7.208E-11
6.200E+03	5.988E-04	5.340E-01	3.412E-05	3.688E-26	3.335E-07	1.064E-04	2.490E-07	8.048E-11
6.300E+03	8.056E-04	5.437E-01	4.025E-05	9.551E-26	4.197E-07	9.407E-05	2.427E-07	8.946E-11
6.400E+03	1.066E-03	5.545E-01	4.772E-05	2.445E-25	5.214E-07	8.386E-05	2.397E-07	9.876E-11
6.500E+03	1.386E-03	5.660E-01	5.689E-05	6.203E-25	6.385E-07	7.525E-05	2.396E-07	1.081E-10
6.600E+03	1.773E-03	5.778E-01	6.814E-05	1.560E-24	7.705E-07	6.783E-05	2.422E-07	1.170E-10
6.700E+03	2.232E-03	5.894E-01	8.192E-05	3.886E-24	9.157E-07	6.131E-05	2.468E-07	1.251E-10
6.800E+03	2.767E-03	6.004E-01	9.875E-05	9.585E-24	1.072E-06	5.549E-05	2.532E-07	1.322E-10
6.900E+03	3.383E-03	6.103E-01	1.192E-04	2.338E-23	1.238E-06	5.021E-05	2.610E-07	1.379E-10
7.000E+03	4.085E-03	6.191E-01	1.439E-04	5.631E-23	1.410E-06	4.542E-05	2.698E-07	1.421E-10
7.100E+03	4.877E-03	6.266E-01	1.73E-04	1.338E-22	1.588E-06	4.104E-05	2.793E-07	1.449E-10
7.200E+03	5.766E-03	6.328E-01	2.091E-04	3.131E-22	1.768E-06	3.705E-05	2.895E-07	1.463E-10
7.300E+03	6.756E-03	6.378E-01	2.514E-04	7.216E-22	1.951E-06	3.343E-05	3.001E-07	1.464E-10
7.400E+03	7.856E-03	6.417E-01	3.014E-04	1.636E-21	2.135E-06	3.015E-05	3.110E-07	1.456E-10
7.500E+03	9.073E-03	6.446E-01	3.604E-04	3.647E-21	2.320E-06	2.719E-05	3.222E-07	1.439E-10
7.600E+03	1.041E-02	6.467E-01	4.295E-04	7.996E-21	2.506E-06	2.453E-05	3.336E-07	1.4E-10
7.700E+03	1.189E-02	6.481E-01	5.102E-04	1.724E-20	2.692E-06	2.214E-05	3.451E-07	1.37E-10
7.800E+03	1.351E-02	6.489E-01	6.040E-04	3.654E-20	2.878E-06	2.001E-05	3.568E-07	1.355E-10
7.900E+03	1.528E-02	6.492E-01	7.128E-04	7.618E-20	3.065E-06	1.809E-05	3.687E-07	1.320E-10
8.000E+03	1.721E-02	6.491E-01	8.382E-04	1.563E-19	3.251E-06	1.638E-05	3.806E-07	1.284E-10
8.200E+03	2.159E-02	6.496E-01	1.148E-03	6.277E-19	3.624E-06	1.348E-05	4.049E-07	1.207E-10

Table II. - Continued.

P/P0 = 2.00E-01

S	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.369E-44	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	5.208E-40	2.940E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.175E-27	1.304E-59	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	3.030E-20	3.058E-47	1.000E+00	0.	5.000E+02
1.990E-74	2.092E-79	0.	0.	2.651E-15	5.414E-39	1.000E+00	0.	6.000E+02
1.244E-64	1.316E-66	0.	0.	8.481E-12	3.972E-33	1.000E+00	3.287E-91	7.000E+02
2.663E-53	4.809E-59	0.	0.	1.110E-09	2.430E-30	1.000E+00	4.382E-78	8.000E+02
1.436E-48	3.263E-54	0.	0.	2.669E-08	6.274E-29	1.000E+00	6.260E-69	9.000E+02
3.371E-43	2.226E-50	0.	9.335E-87	3.320E-07	7.956E-28	1.000E+00	1.221E-61	1.000E+03
8.372E-39	3.064E-47	0.	1.592E-76	2.003E-06	6.348E-27	1.000E+00	1.124E-55	1.100E+03
3.861E-35	1.272E-44	0.	5.353E-68	1.444E-05	3.585E-26	1.000E+00	1.051E-50	1.200E+03
4.873E-32	2.100E-42	0.	8.776E-61	6.145E-05	1.552E-25	9.999E-01	1.690E-46	1.300E+03
2.235E-29	1.678E-40	0.	1.340E-54	2.121E-04	5.450E-25	9.997E-01	6.816E-43	1.400E+03
4.488E-27	7.500E-39	2.564E-55	3.062E-49	6.197E-04	1.620E-24	9.991E-01	9.089E-40	1.500E+03
4.671E-25	2.096E-37	1.095E-91	1.493E-44	1.500E-03	4.206E-24	9.976E-01	4.930E-37	1.600E+03
2.817E-23	5.318E-36	3.155E-88	1.523E-40	3.599E-03	1.307E-23	9.946E-01	1.274E-34	1.700E+03
1.077E-21	5.862E-34	1.453E-83	8.957E-38	7.460E-03	2.223E-22	9.888E-01	1.774E-32	1.800E+03
2.006E-20	6.692E-32	6.241E-79	1.581E-35	1.428E-02	4.748E-21	9.786E-01	1.466E-30	1.900E+03
5.270E-19	4.960E-30	1.004E-74	1.594E-33	2.539E-02	7.749E-20	9.618E-01	7.767E-29	2.000E+03
7.468E-18	2.461E-28	6.550E-71	1.022E-31	4.247E-02	9.723E-19	9.361E-01	2.804E-27	2.100E+03
8.209E-17	8.593E-27	1.954E-67	4.428E-30	6.705E-02	9.684E-18	8.989E-01	7.252E-26	2.200E+03
7.430E-16	2.229E-25	2.958E-64	1.361E-28	1.004E-01	7.868E-17	8.482E-01	1.400E-24	2.300E+03
5.515E-15	4.427E-24	2.481E-61	3.088E-27	1.428E-01	5.351E-16	7.832E-01	2.086E-23	2.400E+03
3.444E-14	6.972E-23	1.243E-58	5.338E-26	1.936E-01	3.107E-15	7.048E-01	2.449E-22	2.500E+03
1.874E-13	8.983E-22	3.961E-56	7.231E-25	2.504E-01	1.545E-14	6.156E-01	2.379E-21	2.600E+03
8.881E-13	9.678E-21	8.491E-54	7.861E-24	3.096E-01	6.945E-14	5.205E-01	1.908E-20	2.700E+03
3.740E-12	8.923E-20	1.286E-51	7.007E-23	3.670E-01	2.754E-13	4.253E-01	1.300E-19	2.800E+03
1.419E-11	7.184E-19	1.434E-49	5.222E-22	4.184E-01	9.886E-13	3.358E-01	7.676E-19	2.900E+03
4.913E-11	5.145E-18	1.221E-47	3.313E-21	4.604E-01	3.253E-12	2.564E-01	4.006E-18	3.000E+03
1.573E-10	3.336E-17	8.261E-46	1.820E-20	4.916E-01	9.934E-12	1.897E-01	1.884E-17	3.100E+03
4.710E-10	1.990E-16	4.555E-44	8.797E-20	5.118E-01	2.847E-11	1.364E-01	8.144E-17	3.200E+03
1.232E-09	1.109E-15	2.112E-42	3.799E-19	5.273E-01	7.744E-11	9.571E-02	3.294E-16	3.300E+03
3.617E-09	5.840E-15	8.421E-41	1.487E-18	5.260E-01	2.017E-10	6.580E-02	1.267E-15	3.400E+03
9.447E-09	2.933E-14	2.928E-39	5.343E-18	5.248E-01	5.071E-10	4.456E-02	4.700E-15	3.500E+03
2.392E-08	1.411E-13	8.973E-38	1.784E-17	5.212E-01	1.235E-09	2.990E-02	1.694E-14	3.600E+03
5.888E-08	6.500E-13	4.426E-36	5.596E-17	5.163E-01	2.910E-09	1.999E-02	5.951E-14	3.700E+03
1.410E-07	2.852E-12	5.771E-35	1.665E-16	5.128E-01	6.072E-09	1.340E-02	2.035E-13	3.800E+03
3.279E-07	1.183E-11	1.195E-33	4.739E-16	5.094E-01	1.449E-08	9.046E-03	6.745E-13	3.900E+03
7.405E-07	4.608E-11	2.132E-32	1.302E-15	5.069E-01	3.100E-08	6.169E-03	2.158E-12	4.000E+03
1.622E-06	1.673E-10	3.254E-31	3.480E-15	5.050E-01	6.236E-08	4.258E-03	6.645E-12	4.100E+03
3.445E-06	5.648E-10	4.271E-30	9.101E-15	5.036E-01	1.192E-07	2.979E-03	1.964E-11	4.200E+03
7.098E-06	1.771E-09	4.477E-29	2.336E-14	5.026E-01	2.166E-07	2.113E-03	5.572E-11	4.300E+03
1.420E-05	5.174E-09	4.489E-28	5.890E-14	5.019E-01	3.749E-07	1.520E-03	1.517E-10	4.400E+03
2.761E-05	1.416E-08	3.739E-27	1.457E-13	5.014E-01	6.212E-07	1.108E-03	3.968E-10	4.500E+03
5.224E-05	3.656E-08	2.752E-26	3.528E-13	5.010E-01	9.907E-07	8.178E-04	9.987E-10	4.600E+03
9.631E-05	8.951E-08	1.812E-25	8.352E-13	5.007E-01	1.528E-06	6.114E-04	2.422E-09	4.700E+03
1.733E-04	2.088E-07	1.079E-24	1.931E-12	5.004E-01	2.288E-06	4.624E-04	5.671E-09	4.800E+03
3.045E-04	4.661E-07	5.851E-24	4.362E-12	5.000E-01	3.336E-06	3.537E-04	1.283E-08	4.900E+03
5.233E-04	9.971E-07	2.906E-23	9.636E-12	4.996E-01	4.742E-06	2.733E-04	2.813E-08	5.000E+03
8.804E-04	2.048E-06	1.324E-22	2.086E-11	4.990E-01	6.574E-06	2.133E-04	5.976E-08	5.100E+03
1.451E-03	4.041E-06	5.572E-22	4.433E-11	4.980E-01	8.890E-06	1.680E-04	1.232E-07	5.200E+03
2.345E-03	7.666E-06	2.160E-21	9.265E-11	4.966E-01	1.172E-05	1.334E-04	2.466E-07	5.300E+03
3.717E-03	1.399E-05	7.737E-21	1.906E-10	4.945E-01	1.508E-05	1.067E-04	4.795E-07	5.400E+03
5.778E-03	2.457E-05	2.570E-20	3.860E-10	4.914E-01	1.892E-05	8.592E-05	9.048E-07	5.500E+03
8.606E-03	4.163E-05	7.949E-20	7.685E-10	4.868E-01	2.320E-05	6.957E-05	1.656E-06	5.600E+03
1.315E-02	6.814E-05	2.303E-19	1.500E-09	4.802E-01	2.784E-05	5.658E-05	2.933E-06	5.700E+03
1.922E-02	1.080E-04	6.285E-19	2.860E-09	4.710E-01	3.275E-05	4.614E-05	5.014E-06	5.800E+03
2.744E-02	1.661E-04	1.627E-18	5.304E-09	4.585E-01	3.783E-05	3.766E-05	8.247E-06	5.900E+03
3.822E-02	2.481E-04	4.017E-18	9.525E-09	4.421E-01	4.300E-05	3.072E-05	1.300E-05	6.000E+03
5.188E-02	3.609E-04	9.512E-18	1.649E-08	4.214E-01	4.815E-05	2.497E-05	1.957E-05	6.100E+03
6.846E-02	5.116E-04	2.171E-17	2.742E-08	3.962E-01	5.315E-05	2.019E-05	2.804E-05	6.200E+03
8.778E-02	7.077E-04	4.792E-17	4.369E-08	3.667E-01	5.786E-05	1.620E-05	3.816E-05	6.300E+03
1.093E-01	9.563E-04	1.027E-16	6.663E-08	3.339E-01	6.214E-05	1.287E-05	4.930E-05	6.400E+03
1.324E-01	1.264E-03	2.141E-16	9.724E-08	2.987E-01	6.584E-05	1.010E-05	6.048E-05	6.500E+03
1.559E-01	1.637E-03	4.354E-16	1.361E-07	2.625E-01	6.886E-05	7.825E-06	7.065E-05	6.600E+03
1.791E-01	2.079E-03	8.653E-16	1.829E-07	2.269E-01	7.110E-05	5.983E-06	7.863E-05	6.700E+03
2.010E-01	2.597E-03	1.683E-15	2.371E-07	1.930E-01	7.254E-05	4.515E-06	8.437E-05	6.800E+03
2.210E-01	3.192E-03	3.206E-15	2.972E-07	1.618E-01	7.319E-05	3.366E-06	8.705E-05	6.900E+03
2.386E-01	3.849E-03	5.993E-15	3.619E-07	1.340E-01	7.310E-05	2.483E-06	8.701E-05	7.000E+03
2.536E-01	4.633E-03	1.100E-14	4.297E-07	1.099E-01	7.239E-05	1.815E-06	8.468E-05	7.100E+03
2.661E-01	5.487E-03	1.985E-14	4.992E-07	8.946E-02	7.116E-05	1.320E-06	8.062E-05	7.200E+03
2.762E-01	6.438E-03	3.524E-14	5.694E-07	7.238E-02	6.953E-05	9.547E-07	7.540E-05	7.300E+03
2.842E-01	7.490E-03	6.158E-14	6.395E-07	5.833E-02	6.760E-05	6.890E-07	6.952E-05	7.400E+03
2.902E-01	8.650E-03	1.060E-13	7.090E-07	4.691E-02	6.547E-05	4.707E-07	6.340E-05	7.500E+03
2.947E-01	9.925E-03	1.799E-13	7.775E-07	3.768E-02	6.322E-05	3.587E-07	5.734E-05	7.600E+03
2.977E-01	1.132E-02	3.012E-13	8.450E-07	3.023E-02	6.091E-05	2.554E-07	5.152E-05	7.700E+03
2.996E-01	1.285E-02	4.977E-13	9.111E-07	2.435E-02	5.859E-05	1.881E-07	4.608E-05	7.800E+03
3.006E-01	1.451E-02	8.121E-13	9.757E-07	1.961E-02	5.629E-05	1.368E-07	4.106E-05	7.900E+03
3.006E-01	1.632E-02	1.309E-12	1.039E-06	1.582E-02	5.402E-05	9.991E-08	3.649E-05	8.000E+03
2.988E-01	2.039E-02	3.286E-12	1.160E-06	1.037E-02	4.968E-05	5.394E-08	2.867E-05	8.200E+03

Table II. - Continued.

T	F-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	2.672E-02	6.480E-01	1.553E-03	2.375E-18	3.992E-06	1.119E-05	4.295E-07	1.129E-10
8.600E+03	3.266E-02	6.413E-01	2.075E-03	8.497E-18	4.353E-06	9.265E-06	4.544E-07	1.052E-10
8.800E+03	3.947E-02	6.366E-01	2.742E-03	2.882E-17	4.701E-06	7.736E-06	4.796E-07	9.751E-11
9.000E+03	4.719E-02	6.309E-01	3.585E-03	9.310E-17	5.031E-06	6.486E-06	5.050E-07	9.004E-11
9.200E+03	5.585E-02	6.243E-01	4.643E-03	2.874E-16	5.337E-06	5.457E-06	5.305E-07	8.274E-11
9.400E+03	6.544E-02	6.167E-01	5.950E-03	8.504E-16	5.614E-06	4.609E-06	5.559E-07	7.577E-11
9.600E+03	7.596E-02	6.082E-01	7.581E-03	2.418E-15	5.856E-06	3.896E-06	5.813E-07	6.900E-11
9.800E+03	8.738E-02	5.987E-01	9.570E-03	6.628E-15	6.057E-06	3.302E-06	6.064E-07	6.251E-11
1.000E+04	9.963E-02	5.881E-01	1.199E-02	1.755E-14	6.213E-06	2.802E-06	6.310E-07	5.631E-11
1.020E+04	1.127E-01	5.766E-01	1.491E-02	4.497E-14	6.322E-06	2.379E-06	6.548E-07	5.042E-11
1.040E+04	1.264E-01	5.639E-01	1.842E-02	1.118E-13	6.381E-06	2.021E-06	6.776E-07	4.487E-11
1.060E+04	1.406E-01	5.503E-01	2.260E-02	2.698E-13	6.389E-06	1.715E-06	6.988E-07	3.966E-11
1.080E+04	1.554E-01	5.365E-01	2.755E-02	6.335E-13	6.347E-06	1.455E-06	7.178E-07	3.482E-11
1.100E+04	1.706E-01	5.196E-01	3.334E-02	1.448E-12	6.257E-06	1.231E-06	7.341E-07	3.035E-11
1.120E+04	1.860E-01	5.026E-01	4.007E-02	3.222E-12	6.121E-06	1.039E-06	7.467E-07	2.625E-11
1.140E+04	2.017E-01	4.844E-01	4.779E-02	6.990E-12	5.943E-06	8.737E-07	7.549E-07	2.252E-11
1.160E+04	2.176E-01	4.680E-01	5.657E-02	1.479E-11	5.727E-06	7.315E-07	7.576E-07	1.916E-11
1.180E+04	2.336E-01	4.445E-01	6.642E-02	3.050E-11	5.477E-06	6.090E-07	7.541E-07	1.615E-11
1.200E+04	2.496E-01	4.229E-01	7.731E-02	6.137E-11	5.199E-06	5.039E-07	7.437E-07	1.348E-11
1.220E+04	2.656E-01	4.004E-01	8.919E-02	1.205E-10	4.894E-06	4.138E-07	7.261E-07	1.113E-11
1.240E+04	2.816E-01	3.769E-01	1.020E-01	2.311E-10	4.576E-06	3.371E-07	7.011E-07	9.098E-12
1.260E+04	2.975E-01	3.528E-01	1.155E-01	4.328E-10	4.242E-06	2.721E-07	6.652E-07	7.348E-12
1.280E+04	3.131E-01	3.283E-01	1.296E-01	7.922E-10	3.900E-06	2.176E-07	6.311E-07	5.863E-12
1.300E+04	3.284E-01	3.086E-01	1.441E-01	1.419E-09	3.556E-06	1.722E-07	5.879E-07	4.619E-12
1.320E+04	3.433E-01	2.790E-01	1.588E-01	2.487E-09	3.215E-06	1.350E-07	5.409E-07	3.593E-12
1.340E+04	3.577E-01	2.548E-01	1.734E-01	4.273E-09	2.882E-06	1.047E-07	4.916E-07	2.760E-12
1.360E+04	3.714E-01	2.313E-01	1.877E-01	7.200E-09	2.562E-06	8.034E-08	4.415E-07	2.095E-12
1.380E+04	3.844E-01	2.087E-01	2.014E-01	1.191E-08	2.260E-06	6.107E-08	3.921E-07	1.567E-12
1.400E+04	3.966E-01	1.873E-01	2.149E-01	1.936E-08	1.978E-06	4.600E-08	3.444E-07	1.160E-12
1.420E+04	4.079E-01	1.673E-01	2.274E-01	3.077E-08	1.718E-06	3.435E-08	2.996E-07	8.499E-13
1.440E+04	4.184E-01	1.486E-01	2.391E-01	4.873E-08	1.483E-06	2.545E-08	2.582E-07	6.163E-13
1.460E+04	4.279E-01	1.316E-01	2.499E-01	7.563E-08	1.273E-06	1.874E-08	2.208E-07	4.430E-13
1.480E+04	4.364E-01	1.160E-01	2.597E-01	1.157E-07	1.086E-06	1.372E-08	1.875E-07	3.161E-13
1.500E+04	4.442E-01	1.020E-01	2.685E-01	1.747E-07	9.232E-07	9.996E-09	1.582E-07	2.242E-13
1.520E+04	4.510E-01	8.948E-02	2.765E-01	2.606E-07	7.815E-07	7.260E-09	1.329E-07	1.582E-13
1.540E+04	4.571E-01	7.835E-02	2.836E-01	3.841E-07	6.597E-07	5.260E-09	1.112E-07	1.112E-13
1.560E+04	4.625E-01	6.851E-02	2.898E-01	5.600E-07	5.556E-07	3.807E-09	9.272E-08	7.799E-14
1.580E+04	4.673E-01	5.986E-02	2.953E-01	8.078E-07	4.672E-07	2.754E-09	7.716E-08	5.463E-14
1.600E+04	4.714E-01	5.228E-02	3.001E-01	1.154E-06	3.925E-07	1.993E-09	6.413E-08	3.825E-14
1.620E+04	4.750E-01	4.567E-02	3.043E-01	1.632E-06	3.296E-07	1.444E-09	5.326E-08	2.680E-14
1.640E+04	4.782E-01	3.990E-02	3.080E-01	2.289E-06	2.768E-07	1.048E-09	4.422E-08	1.880E-14
1.660E+04	4.809E-01	3.489E-02	3.112E-01	3.182E-06	2.325E-07	7.627E-10	3.673E-08	1.322E-14
1.680E+04	4.833E-01	3.054E-02	3.139E-01	4.388E-06	1.955E-07	5.566E-10	3.054E-08	9.314E-15
1.700E+04	4.854E-01	2.676E-02	3.163E-01	6.003E-06	1.646E-07	4.075E-10	2.542E-08	6.585E-15
1.720E+04	4.873E-01	2.348E-02	3.183E-01	8.151E-06	1.387E-07	2.994E-10	2.119E-08	4.672E-15
1.740E+04	4.889E-01	2.063E-02	3.201E-01	1.099E-05	1.171E-07	2.208E-10	1.769E-08	3.327E-15
1.760E+04	4.903E-01	1.816E-02	3.216E-01	1.471E-05	9.902E-08	1.635E-10	1.480E-08	2.379E-15
1.780E+04	4.916E-01	1.600E-02	3.229E-01	1.957E-05	8.390E-08	1.215E-10	1.240E-08	1.708E-15
1.800E+04	4.928E-01	1.413E-02	3.240E-01	2.585E-05	7.122E-08	9.074E-11	1.042E-08	1.232E-15
1.820E+04	4.938E-01	1.250E-02	3.249E-01	3.395E-05	6.059E-08	6.803E-11	8.772E-09	8.924E-16
1.840E+04	4.948E-01	1.104E-02	3.257E-01	4.432E-05	5.165E-08	5.123E-11	7.402E-09	6.494E-16
1.860E+04	4.956E-01	9.836E-03	3.263E-01	5.752E-05	4.412E-08	3.874E-11	6.261E-09	4.748E-16
1.880E+04	4.965E-01	8.749E-03	3.269E-01	7.423E-05	3.778E-08	2.942E-11	5.308E-09	3.487E-16
1.900E+04	4.973E-01	7.796E-03	3.272E-01	9.527E-05	3.241E-08	2.244E-11	4.510E-09	2.573E-16
1.920E+04	4.981E-01	6.989E-03	3.275E-01	1.216E-04	2.787E-08	1.719E-11	3.841E-09	1.907E-16
1.940E+04	4.989E-01	6.224E-03	3.277E-01	1.545E-04	2.402E-08	1.222E-11	3.279E-09	1.420E-16
1.960E+04	4.997E-01	5.576E-03	3.278E-01	1.952E-04	2.075E-08	1.021E-11	2.805E-09	1.062E-16
1.980E+04	5.006E-01	5.005E-03	3.277E-01	2.455E-04	1.796E-08	7.918E-12	2.405E-09	7.976E-17
2.000E+04	5.014E-01	4.495E-03	3.276E-01	3.072E-04	1.558E-08	6.164E-12	2.066E-09	6.010E-17
2.020E+04	5.024E-01	4.062E-03	3.273E-01	3.825E-04	1.355E-08	4.817E-12	1.779E-09	4.560E-17
2.040E+04	5.034E-01	3.655E-03	3.269E-01	4.742E-04	1.181E-08	3.779E-12	1.535E-09	3.470E-17
2.060E+04	5.045E-01	3.303E-03	3.264E-01	5.852E-04	1.031E-08	2.975E-12	1.327E-09	2.652E-17
2.080E+04	5.057E-01	2.989E-03	3.258E-01	7.189E-04	9.018E-09	2.350E-12	1.149E-09	2.034E-17
2.100E+04	5.070E-01	2.709E-03	3.251E-01	8.793E-04	7.907E-09	1.863E-12	9.962E-10	1.567E-17
2.120E+04	5.083E-01	2.459E-03	3.242E-01	1.071E-03	6.946E-09	1.482E-12	8.655E-10	1.212E-17
2.140E+04	5.098E-01	2.235E-03	3.232E-01	1.298E-03	6.114E-09	1.183E-12	7.531E-10	9.404E-18
2.160E+04	5.115E-01	2.085E-03	3.221E-01	1.568E-03	5.391E-09	9.468E-13	6.562E-10	7.325E-18
2.180E+04	5.132E-01	1.885E-03	3.208E-01	1.885E-03	4.763E-09	7.601E-13	5.726E-10	5.126E-18
2.200E+04	5.151E-01	1.693E-03	3.193E-01	2.258E-03	4.215E-09	6.120E-13	5.003E-10	4.491E-18
2.220E+04	5.171E-01	1.547E-03	3.177E-01	2.694E-03	3.737E-09	4.940E-13	4.376E-10	3.533E-18
2.240E+04	5.192E-01	1.415E-03	3.159E-01	3.201E-03	3.318E-09	3.998E-13	3.831E-10	2.788E-18
2.260E+04	5.214E-01	1.296E-03	3.140E-01	3.788E-03	2.951E-09	3.244E-13	3.358E-10	2.207E-18
2.280E+04	5.238E-01	1.188E-03	3.118E-01	4.467E-03	2.628E-09	2.637E-13	2.945E-10	1.751E-18
2.300E+04	5.262E-01	1.090E-03	3.095E-01	5.248E-03	2.344E-09	2.149E-13	2.585E-10	1.393E-18
2.320E+04	5.287E-01	1.001E-03	3.070E-01	6.143E-03	2.092E-09	1.754E-13	2.270E-10	1.111E-18
2.340E+04	5.314E-01	9.196E-04	3.043E-01	7.165E-03	1.870E-09	1.434E-13	1.995E-10	8.878E-19
2.360E+04	5.341E-01	8.456E-04	3.015E-01	8.327E-03	1.673E-09	1.175E-13	1.753E-10	7.108E-19
2.380E+04	5.368E-01	7.781E-04	2.984E-01	9.644E-03	1.498E-09	9.632E-14	1.541E-10	5.700E-19
2.400E+04	5.396E-01	7.163E-04	2.951E-01	1.113E-02	1.343E-09	7.907E-14	1.355E-10	4.578E-19
2.420E+04	5.425E-01	6.597E-04	2.915E-01	1.280E-02	1.204E-09	6.498E-14	1.191E-10	3.611E-19
2.440E+04	5.454E-01	6.077E-04	2.878E-01	1.467E-02	1.081E-09	5.315E-14	1.046E-10	2.963E-19
2.460E+04	5.484E-01	5.599E-04	2.838E-01	1.676E-02	9.696E-10	4.394E-14	9.186E-11	2.387E-19
2.480E+04	5.513E-01	5.159E-04	2.795E-01	1.908E-02	8.705E-10	3.617E-14	8.060E-11	1.924E-19
2.500E+04	5.544E-01	4.753E-04	2.750E-01	2.164E-02	7.816E-10	2.977E-14	7.065E-11	1.551E-19

Table II. - Continued.

C	C+	C++	C-	CQ	CO+	CO2	C2	T
2.957E-01	2.512E-02	7.698E-12	1.272E-06	4.847E-03	4.562E-05	2.962E-08	2.242E-05	8.400E+03
2.988E-01	3.055E-02	1.823E-11	1.375E-06	4.592E-03	4.185E-05	1.654E-08	1.749E-05	8.600E+03
2.914E-01	3.670E-02	4.054E-11	1.464E-06	3.699E-03	3.836E-05	9.377E-09	1.360E-05	8.800E+03
2.725E-01	4.358E-02	8.701E-11	1.539E-06	2.110E-03	3.512E-05	5.293E-09	1.054E-05	9.000E+03
2.625E-01	5.118E-02	1.807E-10	1.597E-06	1.447E-03	3.211E-05	3.141E-09	8.147E-06	9.200E+03
2.514E-01	5.954E-02	2.637E-10	1.634E-06	9.981E-04	2.930E-05	1.849E-09	6.265E-06	9.400E+03
2.392E-01	6.834E-02	7.104E-10	1.651E-06	8.921E-04	2.667E-05	1.098E-09	4.792E-06	9.600E+03
2.261E-01	7.779E-02	1.351E-09	1.648E-06	4.818E-04	2.421E-05	6.572E-10	3.640E-06	9.800E+03
2.123E-01	8.763E-02	2.501E-09	1.620E-06	3.363E-04	2.190E-05	3.954E-10	2.745E-06	1.070E+04
1.979E-01	9.772E-02	4.515E-09	1.573E-06	2.351E-04	1.973E-05	2.392E-10	2.053E-06	1.020E+04
1.832E-01	1.079E-01	7.957E-09	1.507E-06	1.645E-04	1.770E-05	1.451E-10	1.522E-06	1.040E+04
1.683E-01	1.180E-01	1.370E-08	1.425E-06	1.152E-04	1.579E-05	8.814E-11	1.117E-06	1.060E+04
1.532E-01	1.279E-01	2.308E-08	1.332E-06	8.058E-05	1.392E-05	5.379E-11	8.129E-07	1.080E+04
1.382E-01	1.372E-01	3.804E-08	1.229E-06	5.629E-05	1.238E-05	3.257E-11	5.858E-07	1.100E+04
1.232E-01	1.460E-01	6.148E-08	1.122E-06	3.928E-05	1.086E-05	1.977E-11	4.184E-07	1.120E+04
1.121E-01	1.539E-01	9.740E-08	1.014E-06	2.735E-05	9.465E-06	1.198E-11	2.964E-07	1.140E+04
9.977E-02	1.610E-01	1.514E-07	9.071E-07	1.901E-05	8.196E-06	7.235E-12	2.083E-07	1.160E+04
8.832E-02	1.671E-01	2.312E-07	8.049E-07	1.319E-05	7.049E-06	4.354E-12	1.455E-07	1.180E+04
7.784E-02	1.723E-01	3.470E-07	7.089E-07	9.124E-06	6.021E-06	2.609E-12	1.011E-07	1.200E+04
6.834E-02	1.764E-01	5.126E-07	6.203E-07	6.292E-06	5.108E-06	1.555E-12	6.989E-08	1.220E+04
5.964E-02	1.794E-01	7.458E-07	5.395E-07	4.337E-06	4.303E-06	9.220E-13	4.816E-08	1.240E+04
5.232E-02	1.820E-01	1.015E-06	4.669E-07	2.979E-06	3.601E-06	5.433E-13	3.310E-08	1.260E+04
4.544E-02	1.835E-01	1.516E-06	4.022E-07	2.041E-06	2.993E-06	3.181E-13	2.271E-08	1.280E+04
3.932E-02	1.843E-01	2.123E-06	3.450E-07	1.395E-06	2.473E-06	1.850E-13	1.557E-08	1.300E+04
3.432E-02	1.846E-01	2.940E-06	2.949E-07	9.511E-07	2.031E-06	1.069E-13	1.068E-08	1.320E+04
2.972E-02	1.843E-01	4.034E-06	2.513E-07	6.472E-07	1.559E-06	6.136E-14	7.325E-09	1.340E+04
2.582E-02	1.837E-01	5.488E-06	2.135E-07	4.396E-07	1.348E-06	3.500E-14	5.031E-09	1.360E+04
2.252E-02	1.828E-01	7.408E-06	1.810E-07	2.982E-07	1.091E-06	1.985E-14	3.462E-09	1.380E+04
1.962E-02	1.817E-01	9.930E-06	1.531E-07	2.021E-07	8.798E-07	1.120E-14	2.389E-09	1.400E+04
1.681E-02	1.802E-01	1.323E-05	1.293E-07	1.349E-07	7.073E-07	6.298E-15	1.633E-09	1.420E+04
1.404E-02	1.792E-01	1.752E-05	1.090E-07	9.281E-08	5.673E-07	3.529E-15	1.148E-09	1.440E+04
1.237E-02	1.779E-01	2.308E-05	9.151E-08	6.296E-08	4.542E-07	1.974E-15	8.006E-10	1.460E+04
1.111E-02	1.767E-01	3.026E-05	7.741E-08	4.278E-08	3.634E-07	1.103E-15	5.609E-10	1.480E+04
9.979E-03	1.755E-01	3.949E-05	6.524E-08	2.913E-08	2.906E-07	6.168E-16	3.948E-10	1.500E+04
8.841E-03	1.745E-01	5.130E-05	5.499E-08	1.990E-08	2.324E-07	3.454E-16	2.794E-10	1.520E+04
7.832E-03	1.735E-01	6.634E-05	4.638E-08	1.364E-08	1.861E-07	1.940E-16	1.988E-10	1.540E+04
6.922E-03	1.725E-01	8.544E-05	3.916E-08	9.382E-09	1.491E-07	1.095E-16	1.422E-10	1.560E+04
6.177E-03	1.717E-01	1.074E-04	3.311E-08	6.484E-09	1.197E-07	7.188E-17	1.023E-10	1.580E+04
5.571E-03	1.710E-01	1.399E-04	2.803E-08	4.502E-09	9.632E-08	3.522E-17	7.401E-11	1.600E+04
4.982E-03	1.703E-01	1.779E-04	2.377E-08	3.142E-09	7.765E-08	2.017E-17	5.385E-11	1.620E+04
4.424E-03	1.697E-01	2.252E-04	2.019E-08	2.205E-09	6.276E-08	1.162E-17	3.940E-11	1.640E+04
3.892E-03	1.692E-01	2.339E-04	1.719E-08	1.556E-09	5.086E-08	6.747E-18	2.899E-11	1.660E+04
3.387E-03	1.687E-01	3.565E-04	1.466E-08	1.104E-09	4.134E-08	3.945E-18	2.145E-11	1.680E+04
2.892E-03	1.683E-01	4.457E-04	1.252E-08	7.876E-10	3.369E-08	2.324E-18	1.595E-11	1.700E+04
2.513E-03	1.678E-01	5.548E-04	1.072E-08	5.653E-10	2.754E-08	1.380E-18	1.192E-11	1.720E+04
2.253E-03	1.674E-01	6.879E-04	9.201E-09	4.080E-10	2.257E-08	8.258E-19	8.957E-12	1.740E+04
2.023E-03	1.670E-01	8.493E-04	7.911E-09	2.961E-10	1.856E-08	4.981E-19	6.762E-12	1.760E+04
1.823E-03	1.666E-01	1.044E-03	6.815E-09	2.162E-10	1.530E-08	3.029E-19	5.128E-12	1.780E+04
1.642E-03	1.662E-01	1.279E-03	5.883E-09	1.586E-10	1.265E-08	1.856E-19	3.907E-12	1.800E+04
1.487E-03	1.657E-01	1.559E-03	5.088E-09	1.171E-10	1.049E-08	1.146E-19	2.989E-12	1.820E+04
1.356E-03	1.652E-01	1.894E-03	4.409E-09	8.683E-11	8.723E-09	7.133E-20	2.296E-12	1.840E+04
1.231E-03	1.646E-01	2.291E-03	3.827E-09	6.474E-11	7.271E-09	4.473E-20	1.777E-12	1.860E+04
1.107E-03	1.640E-01	2.740E-03	3.327E-09	4.850E-11	7.740E-09	2.825E-20	1.370E-12	1.880E+04
1.009E-03	1.632E-01	3.311E-03	2.898E-09	3.451E-11	5.788E-09	1.797E-20	1.063E-12	1.900E+04
9.195E-04	1.624E-01	3.956E-03	2.528E-09	2.760E-11	4.271E-09	1.151E-20	8.278E-13	1.920E+04
8.291E-04	1.615E-01	4.707E-03	2.208E-09	2.096E-11	3.592E-09	7.424E-21	6.463E-13	1.940E+04
7.522E-04	1.606E-01	5.577E-03	1.931E-09	1.598E-11	3.076E-09	4.818E-21	5.058E-13	1.960E+04
6.822E-04	1.592E-01	6.579E-03	1.691E-09	1.233E-11	2.554E-09	3.146E-21	3.947E-13	1.980E+04
6.322E-04	1.578E-01	7.729E-03	1.482E-09	9.399E-12	2.158E-09	2.067E-21	3.116E-13	2.000E+04
5.891E-04	1.562E-01	9.039E-03	1.300E-09	7.245E-12	1.827E-09	1.365E-21	2.452E-13	2.020E+04
5.526E-04	1.545E-01	1.052E-02	1.141E-09	5.602E-12	1.547E-09	9.064E-22	1.931E-13	2.040E+04
4.905E-04	1.525E-01	1.220E-02	1.002E-09	4.344E-12	1.312E-09	6.050E-22	1.522E-13	2.060E+04
4.520E-04	1.503E-01	1.407E-02	8.806E-10	3.377E-12	1.113E-09	4.054E-22	1.200E-13	2.080E+04
4.105E-04	1.478E-01	1.615E-02	7.739E-10	2.631E-12	9.440E-10	2.731E-22	9.499E-14	2.100E+04
3.762E-04	1.451E-01	1.845E-02	6.802E-10	2.055E-12	8.011E-10	1.847E-22	7.453E-14	2.120E+04
3.441E-04	1.421E-01	2.097E-02	5.977E-10	1.607E-12	6.777E-10	1.253E-22	5.88E-14	2.140E+04
3.145E-04	1.388E-01	2.372E-02	5.250E-10	1.259E-12	5.766E-10	8.531E-23	4.615E-14	2.160E+04
2.872E-04	1.353E-01	2.668E-02	4.610E-10	9.873E-13	4.888E-10	5.625E-23	3.623E-14	2.180E+04
2.620E-04	1.315E-01	2.946E-02	4.045E-10	7.751E-13	4.140E-10	3.989E-23	2.835E-14	2.200E+04
2.388E-04	1.275E-01	3.325E-02	3.546E-10	6.08E-13	3.503E-10	2.75E-23	2.220E-14	2.220E+04
2.173E-04	1.232E-01	3.682E-02	3.106E-10	4.77E-13	2.961E-10	1.882E-23	1.751E-14	2.240E+04
1.974E-04	1.188E-01	4.055E-02	2.717E-10	3.762E-13	2.499E-10	1.297E-23	1.240E-14	2.260E+04
1.791E-04	1.141E-01	4.443E-02	2.374E-10	2.958E-13	2.106E-10	8.946E-24	8.946E-14	2.280E+04
1.622E-04	1.093E-01	4.842E-02	2.072E-10	2.325E-13	1.772E-10	6.179E-24	8.073E-15	2.300E+04
1.466E-04	1.044E-01	5.249E-02	1.805E-10	1.827E-13	1.489E-10	4.272E-24	6.221E-15	2.320E+04
1.323E-04	9.946E-02	5.662E-02	1.571E-10	1.435E-13	1.248E-10	2.956E-24	4.777E-15	2.340E+04
1.192E-04	9.443E-02	6.076E-02	1.365E-10	1.127E-13	1.045E-10	2.046E-24	3.644E-15	2.360E+04
1.072E-04	8.940E-02	6.489E-02	1.184E-10	8.840E-14	8.726E-11	1.477E-24	2.784E-15	2.380E+04
9.622E-05	8.439E-02	6.896E-02	1.025E-10	6.930E-14	7.275E-11	9.811E-25	2.118E-15	2.400E+04
8.623E-05	7.945E-02	7.296E-02	8.866E-11	5.479E-14	6.053E-11	6.794E-25	1.607E-15	2.420E+04
7.716E-05	7.460E-02	7.685E-02	7.659E-11	4.249E-14	5.027E-11	4.704E-25	1.274E-15	2.440E+04
6.894E-05	6.988E-02	8.066E-02	6.607E-11	3.323E-14	4.166E-11	3.36E-25	9.131E-16	2.460E+04
6.151E-05	6.530E-02	8.419E-02	5.692E-11	2.596E-14	3.447E-11	2.252E-25	6.849E-16	2.480E+04
5.481E-05	6.090E-02	8.740E-02	4.89E-11	2.027E-14	2.846E-11	1.557E-25	5.161E-16	2.500E+04



Table II. - Continued.

P/PO = 3.00E-01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.349E-67	0.	0.	0.	4.845E-11	1.760E-18	0.
3.000E+02	0.	6.675E-46	5.598E-80	0.	0.	5.909E-11	1.760E-18	0.
4.000E+02	0.	4.465E-35	1.513E-62	0.	0.	5.085E-11	1.760E-18	0.
5.000E+02	0.	1.480E-28	4.442E-52	0.	0.	4.826E-11	1.760E-18	0.
6.000E+02	0.	3.465E-24	4.204E-45	0.	0.	4.942E-11	1.760E-18	3.687E-96
7.000E+02	1.546E-78	4.611E-21	4.145E-40	0.	6.789E-90	4.937E-11	1.760E-18	6.784E-83
8.000E+02	1.617E-66	3.365E-18	7.110E-37	0.	1.754E-76	5.312E-10	1.760E-18	6.994E-71
9.000E+02	1.294E-56	1.064E-15	1.261E-34	0.	3.082E-65	1.170E-08	1.760E-18	1.860E-60
1.000E+03	1.162E-47	1.094E-13	7.817E-33	0.	3.269E-56	1.451E-07	1.760E-18	4.430E-52
1.100E+03	3.814E-40	4.867E-12	2.300E-31	0.	7.937E-49	1.137E-06	1.760E-18	3.167E-45
1.200E+03	1.044E-33	1.148E-10	3.868E-30	0.	1.131E-42	6.309E-06	1.760E-18	1.622E-39
1.300E+03	4.217E-32	1.671E-09	4.231E-29	0.	1.820E-37	2.684E-05	1.760E-18	1.095E-34
1.400E+03	3.771E-28	1.660E-08	3.299E-28	0.	5.275E-33	9.265E-05	1.760E-18	1.502E-30
1.500E+03	1.021E-24	1.215E-07	1.961E-27	0.	3.878E-29	2.706E-04	1.760E-18	5.775E-27
1.600E+03	1.032E-21	6.937E-07	9.361E-27	0.	9.345E-26	6.898E-04	1.760E-18	7.867E-24
1.700E+03	3.823E-19	3.225E-06	4.538E-26	0.	7.375E-23	1.571E-03	2.144E-18	3.745E-21
1.800E+03	1.280E-17	1.263E-05	1.067E-24	0.	4.794E-21	3.255E-03	1.471E-17	1.550E-19
1.900E+03	1.544E-16	4.279E-05	1.467E-23	0.	1.038E-19	6.217E-03	1.585E-16	2.234E-18
2.000E+03	1.385E-15	1.280E-04	8.379E-22	0.	1.562E-18	1.106E-02	1.411E-15	2.321E-17
2.100E+03	1.003E-14	3.436E-04	1.507E-20	8.257E-88	1.788E-17	1.847E-02	1.023E-14	1.892E-16
2.200E+03	6.041E-14	8.389E-04	2.091E-19	1.446E-83	1.617E-16	2.911E-02	6.181E-14	1.249E-15
2.300E+03	3.098E-13	1.882E-03	2.316E-18	1.096E-79	1.187E-15	4.346E-02	3.177E-13	6.827E-15
2.400E+03	1.376E-12	3.913E-03	2.103E-17	4.002E-76	7.233E-15	6.160E-02	1.415E-12	3.143E-14
2.500E+03	5.378E-12	7.588E-03	1.607E-16	7.702E-73	3.722E-14	8.301E-02	5.536E-12	1.235E-13
2.600E+03	1.871E-11	1.380E-02	1.052E-15	8.429E-70	1.641E-13	1.065E-01	1.928E-11	4.190E-13
2.700E+03	5.851E-11	2.366E-02	6.001E-15	5.599E-67	6.277E-13	1.299E-01	6.036E-11	1.237E-12
2.800E+03	1.663E-10	3.834E-02	3.028E-14	2.383E-64	2.104E-12	1.510E-01	1.713E-10	3.205E-12
2.900E+03	4.318E-10	5.898E-02	1.368E-13	6.841E-62	6.237E-12	1.672E-01	4.445E-10	7.329E-12
3.000E+03	1.032E-09	8.686E-02	5.600E-13	1.379E-59	1.647E-11	1.763E-01	1.061E-09	1.488E-11
3.100E+03	2.285E-09	1.207E-01	2.095E-12	2.021E-57	3.906E-11	1.771E-01	2.342E-09	2.697E-11
3.200E+03	4.709E-09	1.612E-01	7.223E-12	2.225E-55	8.360E-11	1.697E-01	4.807E-09	4.382E-11
3.300E+03	9.075E-09	2.065E-01	2.312E-11	1.891E-53	1.625E-10	1.551E-01	9.219E-09	6.410E-11
3.400E+03	1.643E-08	2.540E-01	6.913E-11	1.271E-51	2.882E-10	1.353E-01	1.658E-08	8.480E-11
3.500E+03	2.807E-08	3.008E-01	1.941E-10	6.892E-50	4.696E-10	1.128E-01	2.806E-08	1.071E-10
3.600E+03	4.551E-08	3.489E-01	5.141E-10	3.052E-48	7.084E-10	9.031E-02	4.490E-08	1.127E-10
3.700E+03	7.051E-08	3.813E-01	1.289E-09	1.131E-46	9.991E-10	6.976E-02	6.821E-08	1.156E-10
3.800E+03	1.052E-07	4.118E-01	3.063E-09	3.491E-45	1.334E-09	5.241E-02	9.881E-08	1.118E-10
3.900E+03	1.526E-07	4.385E-01	6.915E-09	9.062E-44	1.708E-09	3.861E-02	1.370E-07	1.036E-10
4.000E+03	2.172E-07	4.533E-01	1.482E-08	1.981E-42	2.127E-09	2.813E-02	1.324E-07	9.370E-11
4.100E+03	3.059E-07	4.663E-01	3.015E-08	3.650E-41	2.609E-09	2.041E-02	2.334E-07	8.394E-11
4.200E+03	4.297E-07	4.766E-01	5.814E-08	5.670E-40	3.186E-09	1.482E-02	2.874E-07	7.545E-11
4.300E+03	6.053E-07	4.822E-01	1.064E-07	7.454E-39	3.902E-09	1.081E-02	3.409E-07	6.866E-11
4.400E+03	8.575E-07	4.869E-01	1.849E-07	8.347E-38	4.813E-09	7.949E-03	3.906E-07	6.356E-11
4.500E+03	1.221E-06	4.903E-01	3.069E-07	8.052E-37	5.984E-09	5.895E-03	4.340E-07	5.993E-11
4.600E+03	1.747E-06	4.928E-01	4.884E-07	6.778E-36	7.490E-09	4.414E-03	4.697E-07	5.749E-11
4.700E+03	2.500E-06	4.946E-01	7.497E-07	5.049E-35	9.418E-09	3.338E-03	4.978E-07	5.598E-11
4.800E+03	3.575E-06	4.969E-01	1.115E-06	3.369E-34	1.187E-08	2.550E-03	5.186E-07	5.517E-11
4.900E+03	5.099E-06	4.969E-01	1.614E-06	2.035E-33	1.497E-08	1.967E-03	5.328E-07	5.496E-11
5.000E+03	7.249E-06	4.977E-01	2.277E-06	1.121E-32	1.889E-08	1.532E-03	5.410E-07	5.526E-11
5.100E+03	1.027E-05	4.983E-01	3.139E-06	5.660E-32	2.385E-08	1.204E-03	5.433E-07	5.607E-11
5.200E+03	1.452E-05	4.989E-01	4.231E-06	2.632E-31	3.013E-08	9.556E-04	5.399E-07	5.744E-11
5.300E+03	2.051E-05	4.995E-01	5.577E-06	1.130E-30	3.815E-08	7.649E-04	5.308E-07	5.944E-11
5.400E+03	2.895E-05	5.002E-01	7.193E-06	4.492E-30	4.845E-08	6.175E-04	5.162E-07	6.220E-11
5.500E+03	4.090E-05	5.011E-01	9.085E-06	1.658E-29	6.178E-08	5.029E-04	4.967E-07	6.583E-11
5.600E+03	5.780E-05	5.023E-01	1.125E-05	5.703E-29	7.909E-08	4.130E-04	4.734E-07	7.048E-11
5.700E+03	8.169E-05	5.089E-01	1.368E-05	1.838E-28	1.016E-07	3.422E-04	4.477E-07	7.627E-11
5.800E+03	1.153E-04	5.061E-01	1.639E-05	5.592E-28	1.308E-07	2.861E-04	4.211E-07	8.332E-11
5.900E+03	1.620E-04	5.091E-01	1.941E-05	1.617E-27	1.685E-07	2.414E-04	3.954E-07	9.172E-11
6.000E+03	2.264E-04	5.130E-01	2.280E-05	4.481E-27	2.165E-07	2.057E-04	3.718E-07	1.015E-10
6.100E+03	3.136E-04	5.182E-01	2.666E-05	1.200E-26	2.772E-07	1.771E-04	3.514E-07	1.128E-10
6.200E+03	4.297E-04	5.246E-01	3.114E-05	3.127E-26	3.527E-07	1.540E-04	3.349E-07	1.254E-10
6.300E+03	5.813E-04	5.324E-01	3.641E-05	7.983E-26	4.449E-07	1.353E-04	3.225E-07	1.393E-10
6.400E+03	7.751E-04	5.415E-01	4.272E-05	2.006E-25	5.555E-07	1.200E-04	3.142E-07	1.541E-10
6.500E+03	1.018E-03	5.517E-01	5.034E-05	4.983E-25	6.855E-07	1.072E-04	3.100E-07	1.696E-10
6.600E+03	1.316E-03	5.626E-01	5.959E-05	1.225E-24	8.353E-07	9.647E-05	3.093E-07	1.852E-10
6.700E+03	1.675E-03	5.740E-01	7.086E-05	2.985E-24	1.004E-06	8.721E-05	3.118E-07	2.004E-10
6.800E+03	2.100E-03	5.852E-01	8.455E-05	7.209E-24	1.190E-06	7.908E-05	3.170E-07	2.144E-10
6.900E+03	2.595E-03	5.960E-01	1.012E-04	1.724E-23	1.391E-06	7.183E-05	3.244E-07	2.269E-10
7.000E+03	3.165E-03	6.060E-01	1.212E-04	4.081E-23	1.604E-06	6.527E-05	3.336E-07	2.373E-10
7.100E+03	3.813E-03	6.180E-01	1.453E-04	9.547E-23	1.827E-06	5.930E-05	3.442E-07	2.455E-10
7.200E+03	4.544E-03	6.227E-01	1.741E-04	2.205E-22	2.057E-06	5.383E-05	3.558E-07	2.512E-10
7.300E+03	5.362E-03	6.293E-01	2.084E-04	5.024E-22	2.292E-06	4.883E-05	3.682E-07	2.546E-10
7.400E+03	6.272E-03	6.348E-01	2.490E-04	1.128E-21	2.526E-06	4.426E-05	3.812E-07	2.560E-10
7.500E+03	7.281E-03	6.391E-01	2.968E-04	2.496E-21	2.769E-06	4.010E-05	3.947E-07	2.555E-10
7.600E+03	8.394E-03	6.425E-01	3.530E-04	5.435E-21	3.010E-06	3.632E-05	4.085E-07	2.534E-10
7.700E+03	9.618E-03	6.481E-01	4.185E-04	1.165E-20	3.251E-06	3.290E-05	4.226E-07	2.501E-10
7.800E+03	1.096E-02	6.469E-01	4.947E-04	2.458E-20	3.492E-06	2.982E-05	4.370E-07	2.459E-10
7.900E+03	1.243E-02	6.481E-01	5.830E-04	5.105E-20	3.734E-06	2.705E-05	4.515E-07	2.409E-10
8.000E+03	1.403E-02	6.487E-01	6.848E-04	1.044E-19	3.976E-06	2.455E-05	4.662E-07	2.353E-10
8.200E+03	1.768E-02	6.487E-01	9.362E-04	4.168E-19	4.458E-06	2.029E-05	4.960E-07	2.232E-10

Table II. - Continued.

P/PU = 3.00E-01

C	C+	C++	C-	CO	CO+	CC2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.165E-04	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	4.158E-40	2.244E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	9.545E-28	1.047E-54	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	2.495E-20	2.560E-47	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	2.141E-15	4.275E-34	1.000E+00	0.	6.000E+02
1.373E-78	1.334E-73	0.	0.	7.203E-12	3.282E-33	1.000E+00	2.565E-91	7.000E+02
8.991E-65	1.027E-06	0.	0.	9.661E-10	2.405E-30	1.000E+00	3.774E-78	8.000E+02
2.018E-55	4.142E-54	0.	0.	2.331E-08	6.270E-29	1.000E+00	5.465E-64	9.000E+02
1.093E-43	2.849E-54	0.	0.	7.950E-28	7.950E-28	1.000E+00	1.066E-61	1.000E+03
2.573E-43	1.944E-50	0.	6.223E-87	2.274E-06	6.348E-27	1.000E+00	9.820E-56	1.100E+03
6.349E-34	2.676E-47	0.	1.061E-76	1.262E-05	3.585E-26	1.000E+00	9.174E-51	1.200E+03
2.947E-35	1.111E-44	0.	3.569E-68	5.368E-05	1.552E-25	9.959E-01	1.476E-46	1.300E+03
3.720E-32	1.834E-42	0.	5.851E-61	1.853E-04	5.450E-25	9.997E-01	5.954E-43	1.400E+03
1.697E-29	1.456E-40	0.	8.930E-55	5.414E-04	1.620E-24	9.952E-01	7.940E-40	1.500E+03
3.425E-27	6.550E-39	2.566E-95	2.033E-49	1.380E-03	4.204E-24	9.979E-01	4.307E-37	1.600E+03
3.565E-25	1.826E-37	1.094E-91	9.459E-45	3.146E-03	1.188E-23	9.953E-01	1.113E-34	1.700E+03
2.150E-23	4.221E-36	2.605E-88	1.118E-40	6.522E-03	1.725E-22	9.902E-01	1.551E-32	1.800E+03
8.223E-22	3.972E-34	8.739E-84	7.704E-38	1.248E-02	3.636E-21	9.813E-01	1.283E-30	1.900E+03
4.143E-20	4.472E-32	3.651E-79	1.377E-35	2.225E-02	5.933E-20	9.666E-01	6.800E-29	2.000E+03
4.026E-19	3.311E-30	5.057E-75	1.394E-33	1.736E-01	7.452E-19	9.439E-01	2.459E-27	2.100E+03
5.710E-18	1.672E-28	3.815E-71	8.952E-32	3.729E-02	7.423E-18	8.110E-01	6.374E-26	2.200E+03
6.345E-17	7.748E-27	1.136E-67	3.890E-30	5.906E-02	6.056E-17	8.659E-01	1.234E-24	2.300E+03
5.697E-16	1.404E-25	1.714E-64	1.201E-28	8.879E-02	4.129E-16	8.074E-01	1.848E-23	2.400E+03
4.238E-15	2.947E-24	1.430E-61	2.739E-27	1.271E-01	2.403E-15	7.358E-01	2.199E-22	2.500E+03
2.669E-14	4.636E-23	7.107E-59	4.771E-26	1.736E-01	1.214E-14	6.530E-01	2.132E-21	2.600E+03
1.449E-13	5.942E-22	2.247E-56	6.524E-25	2.267E-01	5.406E-14	5.629E-01	1.721E-20	2.700E+03
6.888E-13	6.380E-21	4.758E-54	7.172E-24	2.835E-01	2.150E-13	4.703E-01	1.180E-19	2.800E+03
2.409E-12	5.845E-20	7.092E-52	6.474E-23	3.404E-01	7.738E-13	3.806E-01	7.000E-19	2.900E+03
1.106E-11	4.064E-19	7.750E-50	4.890E-22	3.933E-01	2.549E-12	2.985E-01	3.659E-18	3.000E+03
3.834E-11	3.299E-18	6.446E-46	3.146E-21	4.389E-01	7.770E-12	2.273E-01	1.716E-17	3.100E+03
1.225E-10	2.104E-17	4.218E-46	1.752E-20	4.749E-01	2.217E-11	1.683E-01	7.349E-17	3.200E+03
3.653E-10	1.229E-16	2.240E-44	8.573E-20	5.007E-01	5.981E-11	1.217E-01	2.945E-16	3.300E+03
1.027E-09	0.662E-16	9.911E-43	3.742E-19	5.167E-01	1.540E-10	8.612E-02	1.098E-15	3.400E+03
2.749E-09	3.377E-15	3.736E-41	1.476E-18	5.246E-01	3.814E-10	5.993E-02	3.947E-15	3.500E+03
7.068E-09	1.646E-14	1.232E-39	5.331E-18	5.264E-01	9.143E-10	4.121E-02	1.373E-14	3.600E+03
1.758E-08	2.028E-14	3.566E-38	1.783E-17	5.246E-01	2.127E-09	2.814E-02	4.648E-14	3.700E+03
4.248E-08	3.343E-13	9.166E-37	5.581E-17	5.206E-01	4.806E-09	1.918E-02	1.535E-13	3.800E+03
9.997E-08	1.440E-12	2.083E-35	1.651E-16	5.166E-01	1.052E-08	1.311E-02	4.941E-13	3.900E+03
2.292E-07	5.880E-12	4.222E-34	4.657E-16	5.128E-01	2.220E-08	9.028E-03	1.544E-12	4.000E+03
5.114E-07	2.266E-11	7.470E-33	1.262E-15	5.096E-01	4.499E-08	6.275E-03	4.666E-12	4.100E+03
1.110E-06	8.227E-11	1.149E-31	3.314E-15	5.071E-01	8.718E-08	4.412E-03	1.361E-11	4.200E+03
2.341E-06	2.797E-10	1.527E-30	8.484E-15	5.052E-01	1.611E-07	3.140E-03	3.821E-11	4.300E+03
4.749E-06	8.886E-10	1.745E-29	2.128E-14	5.038E-01	2.842E-07	2.264E-03	1.033E-10	4.400E+03
9.565E-06	2.637E-09	1.731E-28	5.244E-14	5.028E-01	4.794E-07	1.653E-03	2.687E-10	4.500E+03
1.655E-05	7.333E-09	1.492E-27	1.270E-13	5.021E-01	7.767E-07	1.222E-03	6.737E-10	4.600E+03
3.503E-05	1.920E-08	1.132E-26	3.021E-13	5.015E-01	1.215E-06	9.145E-04	1.630E-09	4.700E+03
6.450E-05	4.701E-08	7.654E-26	7.043E-13	5.011E-01	1.841E-06	6.922E-04	3.808E-09	4.800E+03
1.159E-04	1.123E-07	4.665E-25	1.607E-12	5.008E-01	2.714E-06	5.257E-04	8.608E-09	4.900E+03
2.036E-04	2.334E-07	2.586E-24	3.587E-12	5.004E-01	3.902E-06	4.096E-04	1.885E-08	5.000E+03
3.498E-04	5.480E-07	1.313E-23	7.836E-12	4.995E-01	5.475E-06	3.156E-04	4.006E-08	5.100E+03
5.886E-04	1.139E-06	6.135E-23	1.676E-11	4.989E-01	7.505E-06	2.520E-04	8.266E-08	5.200E+03
9.707E-04	2.278E-06	2.647E-22	3.518E-11	4.979E-01	1.005E-05	2.002E-04	1.658E-07	5.300E+03
1.570E-03	4.388E-06	1.057E-21	7.253E-11	4.974E-01	1.315E-05	1.604E-04	3.233E-07	5.400E+03
2.495E-03	8.146E-06	3.913E-21	1.472E-10	4.964E-01	1.680E-05	1.293E-04	6.134E-07	5.500E+03
3.684E-03	1.450E-05	1.345E-20	2.941E-10	4.943E-01	2.093E-05	1.050E-04	1.131E-06	5.600E+03
5.943E-03	2.519E-05	4.305E-20	5.787E-10	4.911E-01	2.564E-05	8.561E-05	2.026E-06	5.700E+03
8.924E-03	4.203E-05	1.290E-19	1.120E-09	4.866E-01	3.068E-05	7.012E-05	3.519E-06	5.800E+03
1.314E-02	6.709E-05	3.631E-19	2.129E-09	4.802E-01	3.603E-05	5.759E-05	5.911E-06	5.900E+03
1.897E-02	1.063E-04	9.652E-19	3.957E-09	4.713E-01	4.159E-05	4.735E-05	9.575E-06	6.000E+03
2.679E-02	1.618E-04	2.436E-18	7.172E-09	4.595E-01	4.726E-05	3.891E-05	1.491E-05	6.100E+03
3.697E-02	2.396E-04	5.881E-18	1.262E-08	4.440E-01	5.291E-05	3.189E-05	2.225E-05	6.200E+03
4.799E-02	3.457E-04	1.363E-17	2.147E-08	4.245E-01	5.843E-05	2.601E-05	3.171E-05	6.300E+03
6.533E-02	4.866E-04	3.644E-17	3.520E-08	4.009E-01	6.368E-05	2.107E-05	4.308E-05	6.400E+03
8.346E-02	6.700E-04	6.585E-17	5.549E-08	3.733E-01	6.851E-05	1.692E-05	5.576E-05	6.500E+03
1.038E-01	8.996E-04	1.383E-16	8.395E-08	3.423E-01	7.278E-05	1.345E-05	6.878E-05	6.600E+03
1.236E-01	1.184E-03	2.830E-16	1.221E-07	3.089E-01	7.635E-05	1.057E-05	8.100E-05	6.700E+03
1.462E-01	1.529E-03	5.650E-16	1.705E-07	2.743E-01	7.914E-05	8.199E-06	9.132E-05	6.800E+03
1.707E-01	1.937E-03	1.033E-15	2.243E-07	2.397E-01	8.109E-05	6.286E-06	9.892E-05	6.900E+03
1.923E-01	2.414E-03	2.108E-15	2.977E-07	2.063E-01	8.220E-05	4.764E-06	1.034E-04	7.000E+03
2.123E-01	2.963E-03	3.949E-15	3.744E-07	1.752E-01	8.252E-05	3.574E-06	1.047E-04	7.100E+03
2.303E-01	3.587E-03	7.264E-15	4.576E-07	1.470E-01	8.213E-05	2.658E-06	1.033E-04	7.200E+03
2.460E-01	4.290E-03	1.313E-14	5.454E-07	1.221E-01	8.113E-05	1.963E-06	9.961E-05	7.300E+03
2.594E-01	5.075E-03	2.334E-14	6.361E-07	1.005E-01	7.964E-05	1.443E-06	9.429E-05	7.400E+03
2.702E-01	5.947E-03	4.083E-14	7.282E-07	8.231E-02	7.778E-05	1.057E-06	8.794E-05	7.500E+03
2.791E-01	6.909E-03	7.036E-14	8.206E-07	6.708E-02	7.565E-05	7.733E-07	8.104E-05	7.600E+03
2.860E-01	7.969E-03	1.195E-13	9.125E-07	5.451E-02	7.334E-05	5.657E-07	7.400E-05	7.700E+03
2.913E-01	9.130E-03	2.002E-13	1.003E-06	4.423E-02	7.091E-05	4.143E-07	6.709E-05	7.800E+03
2.952E-01	1.040E-02	3.310E-13	1.093E-06	3.587E-02	6.844E-05	3.040E-07	6.049E-05	7.900E+03
2.979E-01	1.178E-02	5.403E-13	1.180E-06	2.910E-02	6.595E-05	2.237E-07	5.432E-05	8.000E+03
2.995E-01	1.329E-02	8.711E-13	1.266E-06	2.363E-02	6.107E-05	1.223E-07	4.342E-05	8.100E+03
3.002E-01	1.669E-02	2.185E-12	1.431E-06	1.566E-02				8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	2.195E-02	6.483E-01	1.264E-03	1.569E-18	4.937E-06	1.684E-05	5.264E-07	2.103E-10
8.600E+03	2.692E-02	6.447E-01	1.687E-03	5.585E-18	5.410E-06	1.405E-05	5.571E-07	1.71E-10
8.800E+03	3.264E-02	6.411E-01	2.226E-03	1.886E-17	5.872E-06	1.177E-05	5.883E-07	1.60E-10
9.000E+03	3.915E-02	6.365E-01	2.907E-03	6.066E-17	6.317E-06	9.903E-06	6.196E-07	1.711E-10
9.200E+03	4.649E-02	6.311E-01	3.759E-03	1.863E-16	6.730E-06	8.365E-06	6.512E-07	1.585E-10
9.400E+03	5.469E-02	6.248E-01	4.815E-03	5.483E-16	7.140E-06	7.090E-06	6.828E-07	1.462E-10
9.600E+03	6.375E-02	6.177E-01	6.116E-03	1.550E-15	7.486E-06	6.027E-06	7.144E-07	1.344E-10
9.800E+03	7.366E-02	6.096E-01	7.706E-03	4.221E-15	7.798E-06	5.134E-06	7.458E-07	1.229E-10
1.000E+04	8.440E-02	6.006E-01	9.635E-03	1.110E-14	8.062E-06	4.382E-06	7.767E-07	1.119E-10
1.020E+04	9.593E-02	5.906E-01	1.196E-02	2.824E-14	8.272E-06	3.745E-06	8.069E-07	1.014E-10
1.040E+04	1.082E-01	5.797E-01	1.475E-02	6.966E-14	8.424E-06	3.203E-06	8.362E-07	9.132E-11
1.060E+04	1.211E-01	5.678E-01	1.806E-02	1.689E-13	8.515E-06	2.740E-06	8.641E-07	8.181E-11
1.080E+04	1.346E-01	5.549E-01	2.197E-02	3.890E-13	8.545E-06	2.343E-06	8.901E-07	7.286E-11
1.100E+04	1.486E-01	5.410E-01	2.657E-02	8.828E-13	8.512E-06	2.002E-06	9.136E-07	6.448E-11
1.120E+04	1.630E-01	5.261E-01	3.191E-02	1.953E-12	8.420E-06	1.708E-06	9.339E-07	5.669E-11
1.140E+04	1.777E-01	5.101E-01	3.809E-02	4.215E-12	8.270E-06	1.473E-06	9.502E-07	4.950E-11
1.160E+04	1.927E-01	4.930E-01	4.514E-02	8.881E-12	8.067E-06	1.233E-06	9.614E-07	4.291E-11
1.180E+04	2.079E-01	4.749E-01	5.314E-02	1.827E-11	7.814E-06	1.043E-06	9.668E-07	3.691E-11
1.200E+04	2.233E-01	4.567E-01	6.208E-02	3.673E-11	7.516E-06	8.775E-07	9.653E-07	3.149E-11
1.220E+04	2.387E-01	4.385E-01	7.198E-02	7.216E-11	7.180E-06	7.345E-07	9.562E-07	2.664E-11
1.240E+04	2.542E-01	4.144E-01	8.280E-02	1.386E-10	6.811E-06	6.111E-07	9.389E-07	2.233E-11
1.260E+04	2.696E-01	3.924E-01	9.448E-02	2.604E-10	6.414E-06	5.049E-07	9.133E-07	1.854E-11
1.280E+04	2.850E-01	3.697E-01	1.069E-01	4.786E-10	5.997E-06	4.140E-07	8.794E-07	1.523E-11
1.300E+04	3.002E-01	3.466E-01	1.200E-01	8.613E-10	5.565E-06	3.366E-07	8.380E-07	1.238E-11
1.320E+04	3.152E-01	3.230E-01	1.335E-01	1.518E-09	5.126E-06	2.714E-07	7.898E-07	9.950E-12
1.340E+04	3.299E-01	2.995E-01	1.473E-01	2.624E-09	4.685E-06	2.168E-07	7.362E-07	7.908E-12
1.360E+04	3.441E-01	2.760E-01	1.612E-01	4.449E-09	4.249E-06	1.716E-07	6.787E-07	6.212E-12
1.380E+04	3.578E-01	2.530E-01	1.751E-01	7.406E-09	3.825E-06	1.346E-07	6.189E-07	4.824E-12
1.400E+04	3.710E-01	2.307E-01	1.886E-01	1.211E-08	3.417E-06	1.046E-07	5.584E-07	3.704E-12
1.420E+04	3.834E-01	2.062E-01	2.013E-01	1.949E-08	3.031E-06	8.063E-08	4.988E-07	2.813E-12
1.440E+04	3.951E-01	1.808E-01	2.144E-01	3.086E-08	2.670E-06	6.162E-08	4.412E-07	2.114E-12
1.460E+04	4.060E-01	1.606E-01	2.263E-01	4.813E-08	2.336E-06	4.673E-08	3.868E-07	1.573E-12
1.480E+04	4.161E-01	1.518E-01	2.375E-01	7.400E-08	2.032E-06	3.520E-08	3.364E-07	1.160E-12
1.500E+04	4.253E-01	1.382E-01	2.479E-01	1.123E-07	1.758E-06	2.635E-08	2.904E-07	8.489E-13
1.520E+04	4.338E-01	1.201E-01	2.573E-01	1.681E-07	1.514E-06	1.963E-08	2.491E-07	6.170E-13
1.540E+04	4.414E-01	1.064E-01	2.660E-01	2.488E-07	1.298E-06	1.456E-08	2.125E-07	4.458E-13
1.560E+04	4.482E-01	9.408E-02	2.738E-01	3.639E-07	1.109E-06	1.077E-08	1.804E-07	3.207E-13
1.580E+04	4.543E-01	8.301E-02	2.808E-01	5.264E-07	9.449E-07	7.943E-09	1.526E-07	2.293E-13
1.600E+04	4.597E-01	7.315E-02	2.870E-01	7.543E-07	8.033E-07	5.851E-09	1.287E-07	1.633E-13
1.620E+04	4.645E-01	6.440E-02	2.926E-01	1.070E-06	6.818E-07	4.308E-09	1.083E-07	1.173E-13
1.640E+04	4.688E-01	5.688E-02	2.975E-01	1.503E-06	5.781E-07	3.172E-09	9.100E-08	8.366E-14
1.660E+04	4.725E-01	4.987E-02	3.018E-01	2.094E-06	4.898E-07	2.337E-09	7.638E-08	5.969E-14
1.680E+04	4.758E-01	4.390E-02	3.055E-01	2.892E-06	4.150E-07	1.725E-09	6.409E-08	4.263E-14
1.700E+04	4.787E-01	3.846E-02	3.089E-01	3.963E-06	3.516E-07	1.275E-09	5.378E-08	3.049E-14
1.720E+04	4.813E-01	3.406E-02	3.117E-01	5.388E-06	2.981E-07	9.453E-10	4.515E-08	2.186E-14
1.740E+04	4.835E-01	3.085E-02	3.143E-01	7.272E-06	2.530E-07	7.025E-10	3.794E-08	1.571E-14
1.760E+04	4.855E-01	2.803E-02	3.164E-01	9.747E-06	2.149E-07	5.237E-10	3.192E-08	1.132E-14
1.780E+04	4.873E-01	2.546E-02	3.183E-01	1.297E-05	1.828E-07	3.917E-10	2.689E-08	8.184E-15
1.800E+04	4.888E-01	2.307E-02	3.200E-01	1.716E-05	1.557E-07	2.940E-10	2.268E-08	5.939E-15
1.820E+04	4.902E-01	1.842E-02	3.214E-01	2.255E-05	1.329E-07	2.214E-10	1.917E-08	4.325E-15
1.840E+04	4.915E-01	1.685E-02	3.226E-01	2.946E-05	1.136E-07	1.674E-10	1.623E-08	3.162E-15
1.860E+04	4.926E-01	1.454E-02	3.237E-01	3.827E-05	9.726E-08	1.271E-10	1.377E-08	2.321E-15
1.880E+04	4.936E-01	1.296E-02	3.246E-01	4.942E-05	8.344E-08	9.680E-11	1.171E-08	1.711E-15
1.900E+04	4.946E-01	1.166E-02	3.253E-01	6.348E-05	7.171E-08	7.404E-11	9.974E-09	1.266E-15
1.920E+04	4.955E-01	1.083E-02	3.259E-01	8.111E-05	6.176E-08	5.685E-11	8.514E-09	9.410E-16
1.940E+04	4.964E-01	9.282E-03	3.264E-01	1.031E-04	5.330E-08	4.383E-11	7.282E-09	7.023E-16
1.960E+04	4.972E-01	8.297E-03	3.265E-01	1.314E-04	4.608E-08	3.391E-11	6.242E-09	5.263E-16
1.980E+04	4.981E-01	7.483E-03	3.270E-01	1.641E-04	3.993E-08	2.434E-11	5.362E-09	3.961E-16
2.000E+04	4.989E-01	6.706E-03	3.272E-01	2.056E-04	3.466E-08	2.054E-11	4.614E-09	2.993E-16
2.020E+04	4.998E-01	6.044E-03	3.272E-01	2.563E-04	3.016E-08	1.608E-11	3.979E-09	2.271E-16
2.040E+04	5.006E-01	5.486E-03	3.271E-01	3.181E-04	2.629E-08	1.263E-11	3.438E-09	1.730E-16
2.060E+04	5.016E-01	4.933E-03	3.270E-01	3.930E-04	2.296E-08	9.955E-12	2.977E-09	1.323E-16
2.080E+04	5.025E-01	4.487E-03	3.267E-01	4.835E-04	2.009E-08	7.875E-12	2.582E-09	1.016E-16
2.100E+04	5.036E-01	4.061E-03	3.263E-01	5.923E-04	1.762E-08	6.251E-12	2.243E-09	7.833E-17
2.120E+04	5.047E-01	3.680E-03	3.258E-01	7.224E-04	1.548E-08	4.978E-12	1.952E-09	6.061E-17
2.140E+04	5.059E-01	3.367E-03	3.252E-01	8.776E-04	1.362E-08	3.978E-12	1.702E-09	4.707E-17
2.160E+04	5.072E-01	3.049E-03	3.244E-01	1.062E-03	1.202E-08	3.188E-12	1.486E-09	3.669E-17
2.180E+04	5.086E-01	2.781E-03	3.235E-01	1.279E-03	1.062E-08	2.563E-12	1.299E-09	2.870E-17
2.200E+04	5.101E-01	2.589E-03	3.225E-01	1.535E-03	9.395E-09	2.066E-12	1.137E-09	2.252E-17
2.220E+04	5.117E-01	2.322E-03	3.214E-01	1.836E-03	8.330E-09	1.671E-12	9.969E-10	1.774E-17
2.240E+04	5.134E-01	2.126E-03	3.201E-01	2.186E-03	7.397E-09	1.354E-12	8.750E-10	1.401E-17
2.260E+04	5.153E-01	1.949E-03	3.186E-01	2.594E-03	6.580E-09	1.101E-12	7.688E-10	1.110E-17
2.280E+04	5.172E-01	1.788E-03	3.170E-01	3.066E-03	5.862E-09	8.970E-13	6.762E-10	8.822E-18
2.300E+04	5.193E-01	1.643E-03	3.152E-01	3.611E-03	5.230E-09	7.325E-13	5.953E-10	7.030E-18
2.320E+04	5.214E-01	1.510E-03	3.133E-01	4.238E-03	4.672E-09	5.995E-13	5.245E-10	5.617E-18
2.340E+04	5.237E-01	1.390E-03	3.112E-01	4.956E-03	4.179E-09	4.916E-13	4.624E-10	4.499E-18
2.360E+04	5.261E-01	1.280E-03	3.089E-01	5.775E-03	3.743E-09	4.039E-13	4.080E-10	3.611E-18
2.380E+04	5.285E-01	1.180E-03	3.064E-01	6.707E-03	3.356E-09	3.324E-13	3.601E-10	2.905E-18
2.400E+04	5.311E-01	1.089E-03	3.038E-01	7.763E-03	3.012E-09	2.739E-13	3.179E-10	2.341E-18
2.420E+04	5.337E-01	1.005E-03	3.009E-01	8.955E-03	2.706E-09	2.241E-13	2.808E-10	1.890E-18
2.440E+04	5.364E-01	9.279E-04	2.979E-01	1.030E-02	2.433E-09	1.868E-13	2.480E-10	1.528E-18
2.460E+04	5.391E-01	8.572E-04	2.946E-01	1.180E-02	2.189E-09	1.546E-13	2.190E-10	1.238E-18
2.480E+04	5.419E-01	7.922E-04	2.911E-01	1.348E-02	1.971E-09	1.279E-13	1.934E-10	1.003E-18
2.500E+04	5.447E-01	7.323E-04	2.874E-01	1.535E-02	1.775E-09	1.060E-13	1.707E-10	8.139E-19

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.983E-01	2.064E-02	5.264E-12	1.588E-06	1.046E-02	5.641E-05	6.794E-08	3.447E-05	8.400E+03
2.944E-01	2.519E-02	1.216E-11	1.733E-06	7.059E-03	5.203E-05	3.833E-08	2.726E-05	8.600E+03
2.888E-01	3.037E-02	2.705E-11	1.864E-06	4.806E-03	4.796E-05	2.196E-08	2.149E-05	8.800E+03
2.818E-01	3.621E-02	5.810E-11	1.980E-06	3.301E-03	4.416E-05	1.277E-08	1.691E-05	9.000E+03
2.736E-01	4.270E-02	1.201E-10	2.077E-06	2.286E-03	4.063E-05	7.525E-09	1.327E-05	9.200E+03
2.642E-01	4.985E-02	2.432E-10	2.153E-06	1.594E-03	3.733E-05	4.487E-09	1.038E-05	9.400E+03
2.537E-01	5.761E-02	4.758E-10	2.205E-06	1.118E-03	3.424E-05	2.703E-09	8.087E-06	9.600E+03
2.423E-01	6.593E-02	9.056E-10	2.231E-06	7.886E-04	3.134E-05	1.643E-09	6.272E-06	9.800E+03
2.301E-01	7.475E-02	1.679E-09	2.231E-06	5.582E-04	2.861E-05	1.006E-09	4.838E-06	1.000E+04
2.171E-01	8.395E-02	3.037E-09	2.204E-06	3.964E-04	2.604E-05	6.196E-10	3.707E-06	1.020E+04
2.036E-01	9.342E-02	5.363E-09	2.152E-06	2.821E-04	2.362E-05	3.834E-10	2.821E-06	1.040E+04
1.898E-01	1.030E-01	9.260E-09	2.076E-06	2.010E-04	2.134E-05	2.381E-10	2.131E-06	1.060E+04
1.758E-01	1.126E-01	1.565E-08	1.979E-06	1.433E-04	1.920E-05	1.481E-10	1.596E-06	1.080E+04
1.617E-01	1.220E-01	2.590E-08	1.866E-06	1.021E-04	1.719E-05	9.230E-11	1.186E-06	1.100E+04
1.479E-01	1.311E-01	4.201E-08	1.740E-06	7.277E-05	1.531E-05	5.752E-11	8.739E-07	1.120E+04
1.344E-01	1.396E-01	6.685E-08	1.606E-06	5.179E-05	1.356E-05	3.582E-11	6.388E-07	1.140E+04
1.215E-01	1.476E-01	1.074E-07	1.467E-06	3.682E-05	1.195E-05	2.228E-11	4.634E-07	1.160E+04
1.092E-01	1.548E-01	1.603E-07	1.329E-06	2.613E-05	1.046E-05	1.382E-11	3.338E-07	1.180E+04
9.771E-02	1.612E-01	2.470E-07	1.194E-06	1.851E-05	9.105E-06	8.554E-12	2.389E-07	1.200E+04
8.704E-02	1.667E-01	3.593E-07	1.065E-06	1.309E-05	7.875E-06	5.274E-12	1.700E-07	1.220E+04
7.723E-02	1.714E-01	5.255E-07	9.432E-07	9.235E-06	6.769E-06	3.238E-12	1.205E-07	1.240E+04
6.830E-02	1.751E-01	7.576E-07	8.306E-07	6.502E-06	5.781E-06	1.979E-12	8.502E-08	1.260E+04
6.024E-02	1.781E-01	1.078E-06	7.276E-07	4.568E-06	4.907E-06	1.203E-12	5.982E-08	1.280E+04
5.300E-02	1.803E-01	1.514E-06	6.343E-07	3.202E-06	4.140E-06	7.273E-13	4.200E-08	1.300E+04
4.654E-02	1.817E-01	2.102E-06	5.507E-07	2.240E-06	3.473E-06	4.372E-13	2.945E-08	1.320E+04
4.080E-02	1.826E-01	2.865E-06	4.763E-07	1.563E-06	2.896E-06	2.613E-13	2.063E-08	1.340E+04
3.573E-02	1.829E-01	3.932E-06	4.106E-07	1.089E-06	2.403E-06	1.552E-13	1.445E-08	1.360E+04
3.127E-02	1.828E-01	5.305E-06	3.528E-07	7.571E-07	1.984E-06	9.165E-14	1.012E-08	1.380E+04
2.736E-02	1.823E-01	7.102E-06	3.024E-07	5.256E-07	1.631E-06	5.383E-14	7.101E-09	1.400E+04
2.393E-02	1.816E-01	9.440E-06	2.586E-07	3.645E-07	1.335E-06	3.146E-14	4.989E-09	1.420E+04
2.094E-02	1.807E-01	1.247E-05	2.207E-07	2.526E-07	1.090E-06	1.830E-14	3.513E-09	1.440E+04
1.833E-02	1.796E-01	1.637E-05	1.880E-07	1.750E-07	8.870E-07	1.061E-14	2.480E-09	1.460E+04
1.606E-02	1.786E-01	2.138E-05	1.600E-07	1.213E-07	7.204E-07	6.136E-15	1.757E-09	1.480E+04
1.408E-02	1.774E-01	2.779E-05	1.361E-07	8.412E-08	5.841E-07	3.542E-15	1.249E-09	1.500E+04
1.237E-02	1.763E-01	3.594E-05	1.157E-07	5.843E-08	4.732E-07	2.043E-15	8.911E-10	1.520E+04
1.088E-02	1.753E-01	4.629E-05	9.831E-08	4.066E-08	3.832E-07	1.179E-15	6.346E-10	1.540E+04
9.586E-03	1.743E-01	5.937E-05	8.357E-08	2.837E-08	3.103E-07	6.808E-16	4.598E-10	1.560E+04
8.462E-03	1.734E-01	7.533E-05	7.109E-08	1.986E-08	2.514E-07	3.942E-16	3.326E-10	1.580E+04
7.484E-03	1.725E-01	9.647E-05	6.051E-08	1.395E-08	2.039E-07	2.289E-16	2.418E-10	1.600E+04
6.633E-03	1.717E-01	1.222E-04	5.157E-08	9.832E-09	1.656E-07	1.335E-16	1.767E-10	1.620E+04
5.891E-03	1.710E-01	1.543E-04	4.400E-08	6.961E-09	1.347E-07	7.818E-17	1.298E-10	1.640E+04
5.243E-03	1.704E-01	1.940E-04	3.755E-08	4.950E-09	1.098E-07	4.603E-17	9.578E-11	1.660E+04
4.677E-03	1.698E-01	2.429E-04	3.216E-08	3.537E-09	8.970E-08	2.725E-17	7.106E-11	1.680E+04
4.180E-03	1.693E-01	3.031E-04	2.757E-08	2.540E-09	7.343E-08	1.624E-17	5.298E-11	1.700E+04
3.744E-03	1.688E-01	3.766E-04	2.367E-08	1.833E-09	6.027E-08	9.737E-18	3.970E-11	1.720E+04
3.361E-03	1.683E-01	4.662E-04	2.036E-08	1.329E-09	4.958E-08	5.879E-18	2.989E-11	1.740E+04
3.023E-03	1.679E-01	5.749E-04	1.754E-08	9.693E-10	4.090E-08	3.574E-18	2.261E-11	1.760E+04
2.725E-03	1.675E-01	7.062E-04	1.514E-08	7.103E-10	3.383E-08	2.188E-18	1.718E-11	1.780E+04
2.461E-03	1.671E-01	8.641E-04	1.310E-08	5.233E-10	2.805E-08	1.349E-18	1.312E-11	1.800E+04
2.227E-03	1.666E-01	1.053E-03	1.135E-08	3.874E-10	2.332E-08	8.381E-19	1.006E-11	1.820E+04
2.018E-03	1.662E-01	1.279E-03	9.849E-09	2.883E-10	1.943E-08	5.243E-19	7.742E-12	1.840E+04
1.833E-03	1.658E-01	1.547E-03	8.564E-09	2.155E-10	1.624E-08	3.303E-19	5.983E-12	1.860E+04
1.667E-03	1.653E-01	1.865E-03	7.459E-09	1.619E-10	1.360E-08	2.096E-19	4.041E-12	1.880E+04
1.519E-03	1.647E-01	2.239E-03	6.508E-09	1.222E-10	1.142E-08	1.339E-19	3.613E-12	1.900E+04
1.385E-03	1.641E-01	2.678E-03	5.686E-09	9.269E-11	9.610E-09	8.610E-20	2.822E-12	1.920E+04
1.266E-03	1.634E-01	3.191E-03	4.976E-09	7.059E-11	8.104E-09	5.574E-20	2.211E-12	1.940E+04
1.158E-03	1.626E-01	3.788E-03	4.361E-09	5.398E-11	6.848E-09	3.632E-20	1.737E-12	1.960E+04
1.060E-03	1.618E-01	4.475E-03	3.827E-09	4.145E-11	5.798E-09	2.381E-20	1.369E-12	1.980E+04
9.722E-04	1.608E-01	5.276E-03	3.362E-09	3.195E-11	4.917E-09	1.571E-20	1.081E-12	2.000E+04
8.921E-04	1.597E-01	6.190E-03	2.957E-09	2.472E-11	4.176E-09	1.042E-20	8.550E-13	2.020E+04
8.193E-04	1.584E-01	7.234E-03	2.604E-09	1.919E-11	3.552E-09	6.952E-21	6.778E-13	2.040E+04
7.528E-04	1.570E-01	8.419E-03	2.294E-09	1.494E-11	3.025E-09	4.662E-21	5.380E-13	2.060E+04
6.921E-04	1.554E-01	9.758E-03	2.023E-09	1.167E-11	2.579E-09	3.142E-21	4.276E-13	2.080E+04
6.364E-04	1.536E-01	1.126E-02	1.785E-09	9.140E-12	2.201E-09	2.128E-21	3.401E-13	2.100E+04
5.854E-04	1.516E-01	1.294E-02	1.576E-09	7.176E-12	1.879E-09	1.448E-21	2.707E-13	2.120E+04
5.384E-04	1.493E-01	1.481E-02	1.392E-09	5.648E-12	1.605E-09	9.890E-22	2.155E-13	2.140E+04
4.951E-04	1.469E-01	1.687E-02	1.229E-09	4.454E-12	1.371E-09	6.783E-22	1.715E-13	2.160E+04
4.551E-04	1.442E-01	1.913E-02	1.086E-09	3.518E-12	1.172E-09	4.668E-22	1.364E-13	2.180E+04
4.182E-04	1.413E-01	2.160E-02	9.589E-10	2.784E-12	1.001E-09	3.224E-22	1.085E-13	2.200E+04
3.840E-04	1.381E-01	2.427E-02	8.465E-10	2.205E-12	8.548E-10	2.233E-22	8.612E-14	2.220E+04
3.523E-04	1.347E-01	2.713E-02	7.470E-10	1.749E-12	7.296E-10	1.551E-22	6.828E-14	2.240E+04
3.229E-04	1.311E-01	3.019E-02	6.588E-10	1.389E-12	6.222E-10	1.080E-22	5.404E-14	2.260E+04
2.956E-04	1.272E-01	3.343E-02	5.805E-10	1.103E-12	5.302E-10	7.534E-23	4.269E-14	2.280E+04
2.703E-04	1.231E-01	3.684E-02	5.112E-10	8.746E-13	4.513E-10	5.267E-23	3.365E-14	2.300E+04
2.469E-04	1.189E-01	4.039E-02	4.496E-10	6.966E-13	3.837E-10	3.688E-23	2.645E-14	2.320E+04
2.251E-04	1.145E-01	4.408E-02	3.951E-10	5.537E-13	3.257E-10	2.586E-23	2.074E-14	2.340E+04
2.050E-04	1.099E-01	4.786E-02	3.467E-10	4.401E-13	2.761E-10	1.815E-23	1.622E-14	2.360E+04
1.864E-04	1.052E-01	5.173E-02	3.039E-10	3.497E-13	2.337E-10	1.275E-23	1.265E-14	2.380E+04
1.692E-04	1.005E-01	5.564E-02	2.661E-10	2.777E-13	1.975E-10	8.963E-24	9.832E-15	2.400E+04
1.533E-04	9.572E-02	5.957E-02	2.326E-10	2.205E-13	1.666E-10	6.304E-24	7.621E-15	2.420E+04
1.387E-04	9.092E-02	6.349E-02	2.031E-10	1.750E-13	1.403E-10	4.436E-24	5.890E-15	2.440E+04
1.253E-04	8.614E-02	6.737E-02	1.771E-10	1.387E-13	1.179E-10	3.121E-24	4.539E-15	2.460E+04
1.130E-04	8.141E-02	7.119E-02	1.542E-10	1.099E-13	9.897E-11	2.196E-24	3.488E-15	2.480E+04
1.018E-04	7.675E-02	7.491E-02	1.341E-10	8.702E-14	8.289E-11	1.545E-24	2.673E-15	2.500E+04

Table II. - Continued.

P/PO = 4.00E-01

Y	E-	O	O+	O1	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.207E-67	0.	0.	0.	5.166E-11	1.760E-18	0.
3.000E+02	0.	5.715E-46	4.904E-80	0.	0.	5.775E-11	1.760E-18	0.
4.000E+02	0.	3.708E-35	1.335E-62	0.	0.	4.906E-11	1.760E-18	0.
5.000E+02	0.	1.289E-28	3.824E-52	0.	0.	4.883E-11	1.760E-18	0.
6.000E+02	0.	3.043E-24	3.590E-45	0.	0.	5.083E-11	1.760E-18	3.899E-96
7.000E+02	1.227E-78	4.139E-21	3.489E-40	0.	6.407E-90	5.228E-11	1.760E-18	7.608E-83
8.000E+02	1.108E-66	2.786E-18	6.441E-37	0.	1.328E-76	4.856E-10	1.760E-18	5.843E-71
9.000E+02	8.823E-57	8.788E-16	1.146E-34	0.	2.313E-65	1.064E-08	1.760E-18	1.536E-60
1.000E+03	7.917E-49	9.028E-14	7.102E-33	0.	2.452E-56	1.318E-07	1.760E-18	3.661E-52
1.100E+03	2.599E-42	4.009E-12	2.089E-31	0.	5.953E-49	1.033E-06	1.760E-18	2.614E-45
1.200E+03	7.110E-37	9.479E-11	3.514E-30	0.	8.486E-43	5.732E-06	1.760E-18	1.339E-39
1.300E+03	2.874E-32	1.379E-09	3.844E-29	0.	1.364E-37	2.438E-05	1.760E-18	9.040E-35
1.400E+03	2.581E-28	1.370E-08	2.997E-28	0.	3.957E-33	8.418E-05	1.760E-18	1.241E-30
1.500E+03	6.952E-25	1.003E-07	1.782E-27	0.	2.909E-29	2.459E-04	1.760E-18	4.767E-27
1.600E+03	7.036E-22	5.726E-07	8.503E-27	0.	7.011E-26	6.269E-04	1.760E-18	6.497E-24
1.700E+03	2.744E-19	2.663E-06	3.906E-26	0.	5.820E-23	1.428E-03	2.036E-18	3.258E-21
1.800E+03	1.042E-17	1.043E-05	8.117E-25	0.	4.296E-21	2.959E-03	1.233E-17	1.529E-19
1.900E+03	1.272E-16	3.585E-05	2.608E-23	0.	9.419E-20	5.656E-03	1.313E-16	2.232E-18
2.000E+03	1.142E-15	1.058E-04	6.296E-22	0.	1.420E-18	1.007E-02	1.169E-15	2.325E-17
2.100E+03	8.276E-15	2.842E-04	1.132E-20	5.639E-88	1.628E-17	1.685E-02	8.483E-15	1.900E-16
2.200E+03	4.991E-14	6.948E-04	1.572E-19	9.868E-84	1.475E-16	2.662E-02	5.131E-14	1.308E-12
2.300E+03	2.563E-13	1.562E-03	1.741E-18	7.469E-80	1.087E-15	3.988E-02	2.643E-13	6.912E-15
2.400E+03	1.141E-12	3.254E-03	1.583E-17	2.721E-76	6.651E-15	5.680E-02	1.180E-12	3.204E-14
2.500E+03	4.473E-12	6.331E-03	1.209E-16	5.224E-73	3.443E-14	7.704E-02	4.633E-12	1.271E-13
2.600E+03	1.562E-11	1.166E-02	7.914E-16	5.696E-70	1.531E-13	9.960E-02	1.620E-11	4.364E-13
2.700E+03	4.913E-11	1.992E-02	4.515E-15	3.765E-67	5.913E-13	1.228E-01	5.098E-11	1.308E-12
2.800E+03	1.404E-10	3.248E-02	2.279E-14	1.595E-64	2.006E-12	1.445E-01	1.456E-10	3.452E-12
2.900E+03	3.672E-10	5.071E-02	1.030E-13	4.536E-62	6.033E-12	1.622E-01	3.805E-10	8.065E-12
3.000E+03	8.852E-10	7.480E-02	4.214E-13	9.077E-60	1.621E-11	1.740E-01	9.157E-10	1.679E-11
3.100E+03	1.979E-09	1.048E-01	1.576E-12	1.318E-57	3.917E-11	1.782E-01	2.041E-09	3.132E-11
3.200E+03	4.122E-09	1.416E-01	5.435E-12	1.435E-55	8.568E-11	1.745E-01	4.236E-09	5.259E-11
3.300E+03	8.040E-09	1.836E-01	1.740E-11	1.205E-53	1.706E-10	1.634E-01	8.223E-09	7.979E-11
3.400E+03	1.475E-08	2.289E-01	5.203E-11	7.991E-52	3.109E-10	1.464E-01	1.499E-08	1.099E-10
3.500E+03	2.555E-08	2.749E-01	1.462E-10	4.274E-50	5.211E-10	1.257E-01	2.575E-08	1.380E-10
3.600E+03	4.201E-08	3.190E-01	3.874E-10	1.876E-48	8.089E-10	1.036E-01	4.189E-08	1.592E-10
3.700E+03	6.593E-08	3.587E-01	9.725E-10	6.845E-47	1.172E-09	8.235E-02	6.458E-08	1.701E-10
3.800E+03	9.941E-08	3.925E-01	2.318E-09	2.097E-45	1.601E-09	6.349E-02	9.503E-08	1.706E-10
3.900E+03	1.452E-07	4.198E-01	5.256E-09	5.431E-44	2.088E-09	4.783E-02	1.338E-07	1.628E-10
4.000E+03	2.071E-07	4.409E-01	1.134E-08	1.192E-42	2.630E-09	3.549E-02	1.810E-07	1.502E-10
4.100E+03	2.910E-07	4.587E-01	2.328E-08	2.223E-41	3.242E-09	2.611E-02	2.354E-07	1.362E-10
4.200E+03	4.060E-07	4.683E-01	4.546E-08	3.519E-40	3.953E-09	1.916E-02	2.950E-07	1.229E-10
4.300E+03	5.660E-07	4.788E-01	8.436E-08	4.742E-39	4.810E-09	1.410E-02	3.565E-07	1.116E-10
4.400E+03	7.918E-07	4.829E-01	1.490E-07	5.461E-38	5.876E-09	1.042E-02	4.160E-07	1.026E-10
4.500E+03	1.113E-06	4.873E-01	2.509E-07	5.418E-37	7.227E-09	7.762E-03	4.702E-07	9.590E-11
4.600E+03	1.572E-06	4.905E-01	4.049E-07	4.681E-36	8.949E-09	5.830E-03	5.168E-07	9.116E-11
4.700E+03	2.227E-06	4.928E-01	6.291E-07	3.568E-35	1.114E-08	4.419E-03	5.549E-07	8.799E-11
4.800E+03	3.154E-06	4.945E-01	9.455E-07	2.428E-34	1.392E-08	3.381E-03	5.846E-07	8.605E-11
4.900E+03	4.461E-06	4.958E-01	1.380E-06	1.492E-33	1.743E-08	2.611E-03	6.064E-07	8.510E-11
5.000E+03	6.292E-06	4.968E-01	1.964E-06	8.351E-33	2.183E-08	2.036E-03	6.211E-07	8.498E-11
5.100E+03	8.848E-06	4.976E-01	2.729E-06	4.286E-32	2.734E-08	1.601E-03	6.290E-07	8.560E-11
5.200E+03	1.241E-05	4.983E-01	3.710E-06	2.027E-31	3.427E-08	1.271E-03	6.305E-07	8.700E-11
5.300E+03	1.736E-05	4.989E-01	4.935E-06	8.863E-31	4.300E-08	1.017E-03	6.255E-07	8.923E-11
5.400E+03	2.426E-05	4.996E-01	6.429E-06	3.593E-30	5.407E-08	8.213E-04	6.143E-07	9.243E-11
5.500E+03	3.391E-05	5.004E-01	8.205E-06	1.354E-29	6.820E-08	6.685E-04	5.972E-07	9.675E-11
5.600E+03	4.741E-05	5.013E-01	1.027E-05	4.759E-29	8.633E-08	5.486E-04	5.750E-07	1.024E-10
5.700E+03	6.630E-05	5.026E-01	1.261E-05	1.566E-28	1.097E-07	4.540E-04	5.488E-07	1.095E-10
5.800E+03	9.266E-05	5.043E-01	1.524E-05	4.849E-28	1.398E-07	3.788E-04	5.202E-07	1.183E-10
5.900E+03	1.293E-04	5.057E-01	1.816E-05	1.422E-27	1.784E-07	3.189E-04	4.910E-07	1.289E-10
6.000E+03	1.796E-04	5.098E-01	2.142E-05	3.980E-27	2.276E-07	2.709E-04	4.629E-07	1.414E-10
6.100E+03	2.480E-04	5.140E-01	2.508E-05	1.071E-26	2.899E-07	2.323E-04	4.372E-07	1.560E-10
6.200E+03	3.395E-04	5.192E-01	2.925E-05	2.788E-26	3.677E-07	2.012E-04	4.151E-07	1.725E-10
6.300E+03	4.600E-04	5.257E-01	3.408E-05	7.081E-26	4.635E-07	1.759E-04	3.973E-07	1.910E-10
6.400E+03	6.156E-04	5.335E-01	3.975E-05	1.763E-25	5.795E-07	1.553E-04	3.841E-07	2.112E-10
6.500E+03	8.126E-04	5.425E-01	4.651E-05	4.326E-25	7.175E-07	1.383E-04	3.755E-07	2.320E-10
6.600E+03	1.057E-03	5.525E-01	5.464E-05	1.049E-24	8.786E-07	1.240E-04	3.713E-07	2.551E-10
6.700E+03	1.355E-03	5.632E-01	6.445E-05	2.517E-24	1.063E-06	1.120E-04	3.711E-07	2.775E-10
6.800E+03	1.712E-03	5.742E-01	7.633E-05	5.987E-24	1.269E-06	1.015E-04	3.744E-07	2.992E-10
6.900E+03	2.132E-03	5.852E-01	9.068E-05	1.411E-23	1.496E-06	9.232E-05	3.807E-07	3.194E-10
7.000E+03	2.619E-03	5.957E-01	1.080E-04	3.295E-23	1.740E-06	8.409E-05	3.895E-07	3.373E-10
7.100E+03	3.177E-03	6.054E-01	1.288E-04	7.615E-23	1.998E-06	7.663E-05	4.003E-07	3.524E-10
7.200E+03	3.810E-03	6.142E-01	1.536E-04	1.740E-22	2.268E-06	6.981E-05	4.127E-07	3.642E-10
7.300E+03	4.521E-03	6.218E-01	1.832E-04	3.927E-22	2.546E-06	6.356E-05	4.263E-07	3.727E-10
7.400E+03	5.316E-03	6.284E-01	2.182E-04	8.748E-22	2.829E-06	5.783E-05	4.408E-07	3.779E-10
7.500E+03	6.197E-03	6.338E-01	2.594E-04	1.922E-21	3.116E-06	5.258E-05	4.561E-07	3.801E-10
7.600E+03	7.171E-03	6.382E-01	3.078E-04	4.161E-21	3.405E-06	4.778E-05	4.718E-07	3.797E-10
7.700E+03	8.243E-03	6.417E-01	3.643E-04	8.876E-21	3.695E-06	4.341E-05	4.880E-07	3.771E-10
7.800E+03	9.419E-03	6.443E-01	4.301E-04	1.865E-20	3.986E-06	3.945E-05	5.045E-07	3.727E-10
7.900E+03	1.071E-02	6.463E-01	5.062E-04	3.860E-20	4.276E-06	3.586E-05	5.213E-07	3.668E-10
8.000E+03	1.211E-02	6.476E-01	5.941E-04	7.869E-20	4.567E-06	3.262E-05	5.383E-07	3.598E-10
8.200E+03	1.531E-02	6.487E-01	8.109E-04	3.127E-19	5.147E-06	2.705E-05	5.728E-07	3.435E-10

Table II. - Continued.

P/PO = 4.00E-01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.00CE+00	0.	1.000E+02
0.	0.	0.	0.	9.788E-05	0.	1.00CE+00	0.	2.000E+02
0.	0.	0.	0.	3.643E-40	2.010E-80	1.00CE+00	0.	3.000E+02
0.	0.	0.	0.	8.418E-28	9.586E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	2.148E-20	2.178E-47	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	1.828E-15	3.549E-39	1.000E+00	0.	6.000E+02
0.	0.	0.	0.	6.062E-12	2.609E-33	1.000E+00	1.716E-91	7.000E+02
0.	0.	0.	0.	8.751E-10	2.383E-30	1.00CE+00	3.388E-78	8.000E+02
0.	0.	0.	0.	2.118E-08	6.267E-29	1.000E+00	4.962E-69	9.000E+02
0.	0.	0.	0.	2.635E-07	7.956E-28	1.00CE+00	9.687E-62	1.000E+03
0.	0.	0.	0.	2.066E-06	6.348E-27	1.00CE+00	8.922E-56	1.100E+03
0.	0.	0.	0.	1.146E-05	3.585E-26	1.00CE+00	8.340E-51	1.200E+03
0.	0.	0.	0.	4.368E-61	1.552E-25	9.999E-01	1.341E-46	1.300E+03
0.	0.	0.	0.	6.700E-55	1.684E-04	9.997E-01	5.410E-43	1.400E+03
0.	0.	0.	0.	1.531E-49	1.620E-24	9.993E-01	7.214E-40	1.500E+03
0.	0.	0.	0.	7.463E-45	1.254E-03	9.981E-01	3.913E-37	1.600E+03
0.	0.	0.	0.	8.834E-41	2.859E-03	9.957E-01	1.012E-34	1.700E+03
0.	0.	0.	0.	6.902E-38	5.929E-03	9.911E-01	1.410E-32	1.800E+03
0.	0.	0.	0.	1.253E-35	1.135E-02	9.830E-01	1.166E-30	1.900E+03
0.	0.	0.	0.	1.267E-33	2.025E-02	9.696E-01	6.186E-29	2.000E+03
0.	0.	0.	0.	8.142E-32	3.399E-02	9.489E-01	2.239E-27	2.100E+03
0.	0.	0.	0.	3.545E-30	5.394E-02	9.187E-01	5.813E-26	2.200E+03
0.	0.	0.	0.	1.097E-28	8.132E-02	8.772E-01	1.128E-24	2.300E+03
0.	0.	0.	0.	2.511E-27	1.169E-01	8.231E-01	1.694E-23	2.400E+03
0.	0.	0.	0.	4.395E-26	1.604E-01	7.562E-01	2.023E-22	2.500E+03
0.	0.	0.	0.	6.046E-25	2.108E-01	6.781E-01	1.969E-21	2.600E+03
0.	0.	0.	0.	6.695E-24	2.655E-01	5.917E-01	1.597E-20	2.700E+03
0.	0.	0.	0.	6.093E-23	3.214E-01	5.016E-01	1.100E-19	2.800E+03
0.	0.	0.	0.	4.645E-22	3.740E-01	4.126E-01	6.550E-19	2.900E+03
0.	0.	0.	0.	3.016E-21	4.223E-01	3.295E-01	3.432E-18	3.000E+03
0.	0.	0.	0.	1.695E-20	4.613E-01	2.557E-01	1.609E-17	3.100E+03
0.	0.	0.	0.	8.374E-20	4.907E-01	1.932E-01	6.863E-17	3.200E+03
0.	0.	0.	0.	5.919E-19	5.105E-01	1.425E-01	2.708E-16	3.300E+03
0.	0.	0.	0.	1.463E-18	5.218E-01	1.029E-01	1.003E-15	3.400E+03
0.	0.	0.	0.	5.309E-18	5.263E-01	7.303E-02	3.541E-15	3.500E+03
0.	0.	0.	0.	1.780E-17	5.262E-01	5.113E-02	1.204E-14	3.600E+03
0.	0.	0.	0.	5.574E-17	5.234E-01	3.548E-02	3.977E-14	3.700E+03
0.	0.	0.	0.	1.646E-16	5.195E-01	2.451E-02	1.282E-13	3.800E+03
0.	0.	0.	0.	4.619E-16	5.154E-01	1.694E-02	4.031E-13	3.900E+03
0.	0.	0.	0.	1.243E-15	5.119E-01	1.176E-02	1.235E-12	4.00E+03
0.	0.	0.	0.	3.230E-15	5.089E-01	8.226E-03	3.674E-12	4.1E+03
0.	0.	0.	0.	5.067E-15	5.067E-01	5.81CE-03	1.058E-11	4.2E+03
0.	0.	0.	0.	2.017E-14	5.050E-01	4.149E-03	2.944E-11	4.300E+03
0.	0.	0.	0.	4.892E-14	5.037E-01	2.599E-03	7.903E-11	4.400E+03
0.	0.	0.	0.	1.167E-13	5.028E-01	2.193E-03	2.046E-10	4.500E+03
0.	0.	0.	0.	2.736E-13	5.021E-01	1.624E-03	5.111E-10	4.600E+03
0.	0.	0.	0.	6.300E-13	5.015E-01	1.024E-03	1.233E-09	4.700E+03
0.	0.	0.	0.	1.423E-12	5.011E-01	1.566E-04	2.876E-09	4.800E+03
0.	0.	0.	0.	3.147E-12	5.007E-01	2.328E-04	6.492E-09	4.900E+03
0.	0.	0.	0.	6.818E-12	5.003E-01	3.373E-04	1.421E-08	5.000E+03
0.	0.	0.	0.	1.447E-11	4.999E-01	4.771E-04	3.018E-08	5.100E+03
0.	0.	0.	0.	3.012E-11	4.994E-01	6.596E-04	6.227E-08	5.200E+03
0.	0.	0.	0.	6.155E-11	4.986E-01	8.917E-04	1.250E-07	5.300E+03
0.	0.	0.	0.	1.237E-10	4.975E-01	1.119E-03	2.441E-07	5.400E+03
0.	0.	0.	0.	2.449E-10	4.958E-01	1.524E-03	4.642E-07	5.500E+03
0.	0.	0.	0.	4.934E-10	4.934E-01	1.927E-03	8.595E-07	5.600E+03
0.	0.	0.	0.	9.177E-10	4.899E-01	1.146E-04	1.548E-06	5.700E+03
0.	0.	0.	0.	1.734E-09	4.850E-01	5.411E-05	2.711E-06	5.800E+03
0.	0.	0.	0.	3.218E-09	4.781E-01	3.436E-05	4.604E-06	5.900E+03
0.	0.	0.	0.	5.842E-09	4.688E-01	4.12E-05	7.571E-06	6.000E+03
0.	0.	0.	0.	1.034E-08	4.565E-01	5.29CE-05	1.202E-05	6.100E+03
0.	0.	0.	0.	1.779E-08	4.407E-01	5.213E-05	1.835E-05	6.200E+03
0.	0.	0.	0.	2.962E-08	4.210E-01	5.816E-05	2.689E-05	6.300E+03
0.	0.	0.	0.	4.761E-08	3.974E-01	4.402E-05	3.772E-05	6.400E+03
0.	0.	0.	0.	7.370E-08	3.701E-01	6.459E-05	5.054E-05	6.500E+03
0.	0.	0.	0.	1.058E-07	3.396E-01	7.470E-05	6.467E-05	6.600E+03
0.	0.	0.	0.	1.573E-07	3.070E-01	7.923E-05	7.906E-05	6.700E+03
0.	0.	0.	0.	2.172E-07	2.733E-01	8.303E-05	9.251E-05	6.800E+03
0.	0.	0.	0.	2.893E-07	2.397E-01	8.602E-05	1.039E-04	6.900E+03
0.	0.	0.	0.	3.728E-07	2.072E-01	8.814E-05	1.123E-04	7.000E+03
0.	0.	0.	0.	4.661E-07	1.769E-01	8.940E-05	1.174E-04	7.100E+03
0.	0.	0.	0.	5.671E-07	1.493E-01	8.984E-05	1.191E-04	7.200E+03
0.	0.	0.	0.	6.736E-07	1.248E-01	8.954E-05	1.178E-04	7.300E+03
0.	0.	0.	0.	7.836E-07	1.035E-01	8.860E-05	1.140E-04	7.400E+03
0.	0.	0.	0.	8.954E-07	8.528E-02	8.713E-05	1.084E-04	7.500E+03
0.	0.	0.	0.	1.008E-06	6.499E-02	8.527E-05	1.015E-04	7.600E+03
0.	0.	0.	0.	1.119E-06	5.727E-02	8.309E-05	9.402E-05	7.700E+03
0.	0.	0.	0.	1.229E-06	4.678E-02	8.072E-05	8.626E-05	7.800E+03
0.	0.	0.	0.	1.338E-06	3.819E-02	7.820E-05	7.857E-05	7.900E+03
0.	0.	0.	0.	1.444E-06	3.118E-02	7.562E-05	7.118E-05	8.000E+03
0.	0.	0.	0.	1.650E-06	2.085E-02	7.042E-05	5.773E-05	8.200E+03



Table II. - Continued.

T	E-	D	D+	Q++	Q-	Q2	Q2+	Q2-
9.400E+03	1.906E-02	6.482E-01	1.094E-03	1.172E-18	5.723E-06	2.252E-05	6.080E-07	3.254E-10
8.600E+03	2.243E-02	6.484E-01	1.458E-03	4.160E-18	6.294E-06	1.883E-05	6.437E-07	3.065E-10
8.800E+03	2.846E-02	6.486E-01	1.922E-03	1.401E-17	6.854E-06	1.581E-05	6.799E-07	2.875E-10
9.000E+03	3.421E-02	6.398E-01	2.508E-03	4.491E-17	7.398E-06	1.334E-05	7.164E-07	2.686E-10
9.200E+03	4.072E-02	6.382E-01	3.239E-03	1.375E-16	7.920E-06	1.130E-05	7.531E-07	2.500E-10
9.400E+03	4.802E-02	6.297E-01	4.146E-03	4.032E-16	8.413E-06	9.603E-06	7.900E-07	2.319E-10
9.600E+03	5.612E-02	6.234E-01	5.260E-03	1.136E-15	8.868E-06	8.187E-06	8.269E-07	2.142E-10
9.800E+03	6.502E-02	6.163E-01	6.619E-03	3.080E-15	9.280E-06	6.998E-06	8.636E-07	1.972E-10
1.000E+04	7.473E-02	6.083E-01	8.266E-03	8.065E-15	9.640E-06	5.994E-06	8.999E-07	1.807E-10
1.020E+04	8.521E-02	5.994E-01	1.025E-02	2.043E-14	9.943E-06	5.143E-06	9.356E-07	1.649E-10
1.040E+04	9.643E-02	5.896E-01	1.262E-02	5.016E-14	1.018E-05	4.418E-06	9.704E-07	1.497E-10
1.060E+04	1.083E-01	5.789E-01	1.544E-02	1.194E-13	1.036E-05	3.797E-06	1.004E-06	1.353E-10
1.080E+04	1.209E-01	5.672E-01	1.876E-02	2.774E-13	1.046E-05	3.264E-06	1.036E-06	1.215E-10
1.100E+04	1.339E-01	5.546E-01	2.266E-02	6.265E-13	1.049E-05	2.805E-06	1.065E-06	1.086E-10
1.120E+04	1.475E-01	5.411E-01	2.720E-02	1.390E-12	1.045E-05	2.409E-06	1.092E-06	9.649E-11
1.140E+04	1.615E-01	5.265E-01	3.246E-02	2.965E-12	1.034E-05	2.065E-06	1.114E-06	8.519E-11
1.160E+04	1.758E-01	5.110E-01	3.848E-02	6.227E-12	1.017E-05	1.766E-06	1.132E-06	7.473E-11
1.180E+04	1.903E-01	4.944E-01	4.533E-02	1.277E-11	9.929E-06	1.507E-06	1.145E-06	6.511E-11
1.200E+04	2.051E-01	4.769E-01	5.304E-02	2.562E-11	9.633E-06	1.281E-06	1.151E-06	5.632E-11
1.220E+04	2.200E-01	4.583E-01	6.164E-02	5.028E-11	9.286E-06	1.085E-06	1.149E-06	4.834E-11
1.240E+04	2.350E-01	4.388E-01	7.112E-02	9.656E-11	8.892E-06	9.137E-07	1.139E-06	4.116E-11
1.260E+04	2.501E-01	4.185E-01	8.146E-02	1.815E-10	8.459E-06	7.805E-07	1.120E-06	3.475E-11
1.280E+04	2.651E-01	3.973E-01	9.260E-02	3.342E-10	7.993E-06	6.372E-07	1.091E-06	2.908E-11
1.300E+04	2.801E-01	3.764E-01	1.045E-01	6.028E-10	7.501E-06	5.268E-07	1.054E-06	2.410E-11
1.320E+04	2.950E-01	3.531E-01	1.169E-01	1.066E-09	6.991E-06	4.323E-07	1.008E-06	1.978E-11
1.340E+04	3.096E-01	3.304E-01	1.298E-01	1.848E-09	6.469E-06	3.519E-07	9.547E-07	1.606E-11
1.360E+04	3.240E-01	3.076E-01	1.431E-01	3.145E-09	5.944E-06	2.841E-07	8.949E-07	1.291E-11
1.380E+04	3.380E-01	2.849E-01	1.565E-01	5.256E-09	5.423E-06	2.275E-07	8.303E-07	1.027E-11
1.400E+04	3.515E-01	2.625E-01	1.698E-01	8.632E-09	4.912E-06	1.806E-07	7.626E-07	8.075E-12
1.420E+04	3.645E-01	2.406E-01	1.830E-01	1.394E-08	4.418E-06	1.421E-07	6.935E-07	6.285E-12
1.440E+04	3.769E-01	2.195E-01	1.959E-01	2.217E-08	3.946E-06	1.110E-07	6.247E-07	4.841E-12
1.460E+04	3.886E-01	1.993E-01	2.083E-01	3.471E-08	3.502E-06	8.596E-08	5.576E-07	3.693E-12
1.480E+04	3.996E-01	1.801E-01	2.201E-01	5.357E-08	3.088E-06	6.611E-08	4.934E-07	2.790E-12
1.500E+04	4.098E-01	1.621E-01	2.313E-01	8.155E-08	2.708E-06	5.050E-08	4.332E-07	2.090E-12
1.520E+04	4.193E-01	1.464E-01	2.417E-01	1.225E-07	2.362E-06	3.835E-08	3.776E-07	1.554E-12
1.540E+04	4.279E-01	1.300E-01	2.514E-01	1.819E-07	2.050E-06	2.898E-08	3.271E-07	1.147E-12
1.560E+04	4.358E-01	1.159E-01	2.602E-01	2.668E-07	1.772E-06	2.180E-08	2.817E-07	8.415E-13
1.580E+04	4.429E-01	1.031E-01	2.683E-01	3.871E-07	1.526E-06	1.634E-08	2.415E-07	6.145E-13
1.600E+04	4.494E-01	9.183E-02	2.756E-01	5.556E-07	1.310E-06	1.221E-08	2.061E-07	4.669E-13
1.620E+04	4.551E-01	8.113E-02	2.821E-01	7.897E-07	1.122E-06	9.114E-09	1.754E-07	3.241E-13
1.640E+04	4.603E-01	7.183E-02	2.880E-01	1.112E-06	9.591E-07	6.793E-09	1.489E-07	2.346E-13
1.660E+04	4.648E-01	6.356E-02	2.932E-01	1.551E-06	8.187E-07	5.062E-09	1.261E-07	1.695E-13
1.680E+04	4.689E-01	5.622E-02	2.978E-01	2.146E-06	6.983E-07	3.773E-09	1.067E-07	1.225E-13
1.700E+04	4.725E-01	4.973E-02	3.019E-01	2.944E-06	5.953E-07	2.815E-09	9.019E-08	8.855E-14
1.720E+04	4.757E-01	4.400E-02	3.056E-01	4.009E-06	5.075E-07	2.103E-09	7.622E-08	6.406E-14
1.740E+04	4.785E-01	3.895E-02	3.087E-01	5.415E-06	4.327E-07	1.574E-09	6.442E-08	4.642E-14
1.760E+04	4.810E-01	3.450E-02	3.115E-01	7.264E-06	3.691E-07	1.181E-09	5.447E-08	3.370E-14
1.780E+04	4.832E-01	3.059E-02	3.140E-01	9.678E-06	3.152E-07	8.878E-10	4.610E-08	2.453E-14
1.800E+04	4.851E-01	2.715E-02	3.161E-01	1.281E-05	2.694E-07	6.696E-10	3.905E-08	1.790E-14
1.820E+04	4.869E-01	2.412E-02	3.179E-01	1.685E-05	2.305E-07	5.066E-10	3.313E-08	1.310E-14
1.840E+04	4.884E-01	2.146E-02	3.196E-01	2.202E-05	1.975E-07	3.845E-10	2.814E-08	9.624E-15
1.860E+04	4.898E-01	1.912E-02	3.210E-01	2.862E-05	1.695E-07	2.928E-10	2.394E-08	7.092E-15
1.880E+04	4.911E-01	1.706E-02	3.222E-01	3.699E-05	1.457E-07	2.238E-10	2.040E-08	5.245E-15
1.900E+04	4.922E-01	1.524E-02	3.232E-01	4.754E-05	1.255E-07	1.716E-10	1.742E-08	3.894E-15
1.920E+04	4.933E-01	1.364E-02	3.241E-01	6.077E-05	1.082E-07	1.321E-10	1.490E-08	2.902E-15
1.940E+04	4.943E-01	1.223E-02	3.248E-01	7.728E-05	9.350E-08	1.020E-10	1.277E-08	2.171E-15
1.960E+04	4.952E-01	1.097E-02	3.254E-01	9.780E-05	8.094E-08	7.910E-11	1.096E-08	1.630E-15
1.980E+04	4.961E-01	9.867E-03	3.259E-01	1.232E-04	7.020E-08	6.155E-11	9.432E-09	1.229E-15
2.000E+04	4.970E-01	8.884E-03	3.263E-01	1.544E-04	6.100E-08	4.807E-11	8.130E-09	9.302E-16
2.020E+04	4.978E-01	8.013E-03	3.266E-01	1.926E-04	5.310E-08	3.767E-11	7.020E-09	7.068E-16
2.040E+04	4.987E-01	7.238E-03	3.267E-01	2.392E-04	4.631E-08	2.963E-11	6.074E-09	5.391E-16
2.060E+04	4.996E-01	6.547E-03	3.268E-01	2.958E-04	4.047E-08	2.338E-11	5.265E-09	4.128E-16
2.080E+04	5.005E-01	5.932E-03	3.267E-01	3.641E-04	3.543E-08	1.852E-11	4.571E-09	3.173E-16
2.100E+04	5.014E-01	5.383E-03	3.266E-01	4.464E-04	3.108E-08	1.471E-11	3.977E-09	2.448E-16
2.120E+04	5.024E-01	4.891E-03	3.263E-01	5.451E-04	2.731E-08	1.173E-11	3.465E-09	1.895E-16
2.140E+04	5.035E-01	4.461E-03	3.259E-01	6.628E-04	2.404E-08	9.380E-12	3.024E-09	1.473E-16
2.160E+04	5.046E-01	4.056E-03	3.254E-01	8.028E-04	2.121E-08	7.525E-12	2.643E-09	1.149E-16
2.180E+04	5.058E-01	3.701E-03	3.248E-01	9.685E-04	1.874E-08	6.055E-12	2.314E-09	8.990E-17
2.200E+04	5.071E-01	3.382E-03	3.241E-01	1.164E-03	1.658E-08	4.887E-12	2.029E-09	7.060E-17
2.220E+04	5.084E-01	3.094E-03	3.232E-01	1.393E-03	1.470E-08	3.955E-12	1.781E-09	5.562E-17
2.240E+04	5.099E-01	2.834E-03	3.222E-01	1.662E-03	1.306E-08	3.210E-12	1.566E-09	4.397E-17
2.260E+04	5.115E-01	2.600E-03	3.211E-01	1.975E-03	1.162E-08	2.612E-12	1.378E-09	3.486E-17
2.280E+04	5.132E-01	2.387E-03	3.198E-01	2.338E-03	1.035E-08	2.130E-12	1.214E-09	2.772E-17
2.300E+04	5.150E-01	2.194E-03	3.184E-01	2.758E-03	9.236E-09	1.742E-12	1.071E-09	2.211E-17
2.320E+04	5.169E-01	2.019E-03	3.168E-01	3.242E-03	8.253E-09	1.428E-12	9.452E-10	1.768E-17
2.340E+04	5.189E-01	1.869E-03	3.151E-01	3.798E-03	7.385E-09	1.173E-12	8.351E-10	1.414E-17
2.360E+04	5.210E-01	1.714E-03	3.132E-01	4.435E-03	6.617E-09	9.652E-13	7.384E-10	1.140E-17
2.380E+04	5.232E-01	1.582E-03	3.111E-01	5.160E-03	5.937E-09	7.959E-13	6.533E-10	9.181E-18
2.400E+04	5.255E-01	1.460E-03	3.089E-01	5.984E-03	5.332E-09	6.574E-13	5.783E-10	7.413E-18
2.420E+04	5.279E-01	1.350E-03	3.065E-01	6.916E-03	4.794E-09	5.439E-13	5.122E-10	5.997E-18
2.440E+04	5.303E-01	1.248E-03	3.039E-01	7.969E-03	4.314E-09	4.507E-13	4.537E-10	4.861E-18
2.460E+04	5.329E-01	1.155E-03	3.011E-01	9.152E-03	3.886E-09	3.739E-13	4.020E-10	3.946E-18
2.480E+04	5.355E-01	1.069E-03	2.991E-01	1.048E-02	3.593E-09	3.106E-13	3.563E-10	3.208E-18
2.500E+04	5.381E-01	9.898E-04	2.950E-01	1.196E-02	3.160E-09	2.582E-13	3.157E-10	2.612E-18

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.946E-01	1.791E-02	3.946E-12	1.646E-06	1.403E-02	6.535E-05	1.216E-07	4.636E-05	8.400E+03
2.972E-01	2.192E-02	9.118E-12	2.045E-06	9.526E-03	6.052E-05	6.916E-08	3.703E-05	8.600E+03
2.929E-01	2.649E-02	2.024E-11	2.199E-06	6.524E-03	5.599E-05	3.991E-08	2.948E-05	8.870E+03
2.872E-01	3.166E-02	4.360E-11	2.351E-06	4.508E-03	5.176E-05	2.336E-08	2.341E-05	9.000E+03
2.802E-01	3.745E-02	9.065E-11	2.485E-06	3.141E-03	4.781E-05	1.388E-08	1.855E-05	9.200E+03
2.720E-01	4.384E-02	1.827E-10	2.595E-06	2.205E-03	4.412E-05	8.342E-09	1.467E-05	9.430E+03
2.627E-01	5.083E-02	3.577E-10	2.680E-06	1.559E-03	4.066E-05	5.07CE-09	1.156E-05	9.600E+03
2.525E-01	5.838E-02	6.813E-10	2.737E-06	1.108E-03	3.741E-05	3.112E-09	9.083E-06	9.800E+03
2.414E-01	6.644E-02	1.264E-09	2.764E-06	7.912E-04	3.435E-05	1.925E-09	7.103E-06	1.000E+04
2.296E-01	7.494E-02	2.289E-09	2.760E-06	5.671E-04	3.146E-05	1.200E-09	5.527E-06	1.020E+04
2.171E-01	8.380E-02	4.048E-09	2.726E-06	4.078E-04	2.873E-05	7.517E-10	4.275E-06	1.040E+04
2.041E-01	9.289E-02	6.999E-09	2.663E-06	2.938E-04	2.615E-05	4.731E-10	3.286E-06	1.060E+04
1.908E-01	1.021E-01	1.185E-08	2.573E-06	2.120E-04	2.372E-05	2.988E-10	2.508E-06	1.080E+04
1.773E-01	1.113E-01	1.965E-08	2.459E-06	1.531E-04	2.143E-05	1.891E-10	1.900E-06	1.100E+04
1.638E-01	1.203E-01	3.195E-08	2.325E-06	1.105E-04	1.927E-05	1.158E-10	1.429E-06	1.120E+04
1.506E-01	1.290E-01	5.099E-08	2.177E-06	7.978E-05	1.724E-05	7.595E-11	1.067E-06	1.140E+04
1.374E-01	1.373E-01	7.990E-08	2.016E-06	5.755E-05	1.536E-05	4.813E-11	7.905E-07	1.160E+04
1.249E-01	1.450E-01	1.230E-07	1.855E-06	4.147E-05	1.360E-05	3.046E-11	5.817E-07	1.180E+04
1.129E-01	1.520E-01	1.664E-07	1.690E-06	2.984E-05	1.198E-05	1.924E-11	4.252E-07	1.200E+04
1.016E-01	1.584E-01	2.777E-07	1.528E-06	2.144E-05	1.050E-05	1.212E-11	3.090E-07	1.220E+04
9.107E-02	1.639E-01	4.077E-07	1.371E-06	1.538E-05	9.141E-06	7.612E-12	2.234E-07	1.240E+04
8.133E-02	1.686E-01	5.898E-07	1.223E-06	1.101E-05	7.914E-06	4.763E-12	1.607E-07	1.260E+04
7.239E-02	1.725E-01	8.417E-07	1.085E-06	7.865E-06	6.812E-06	2.967E-12	1.152E-07	1.280E+04
6.426E-02	1.757E-01	1.184E-06	9.570E-07	5.609E-06	5.829E-06	1.840E-12	8.234E-08	1.300E+04
5.691E-02	1.781E-01	1.651E-06	8.404E-07	3.991E-06	4.959E-06	1.135E-12	5.871E-08	1.320E+04
5.030E-02	1.798E-01	2.273E-06	7.349E-07	2.835E-06	4.196E-06	6.969E-13	4.179E-08	1.340E+04
4.438E-02	1.809E-01	3.094E-06	6.402E-07	2.009E-06	3.532E-06	4.254E-13	2.972E-08	1.360E+04
3.912E-02	1.815E-01	4.184E-06	5.558E-07	1.421E-06	2.958E-06	2.583E-13	2.112E-08	1.380E+04
3.445E-02	1.817E-01	5.602E-06	4.811E-07	1.004E-06	2.465E-06	1.559E-13	1.501E-08	1.400E+04
3.032E-02	1.815E-01	7.443E-06	4.153E-07	7.080E-07	2.046E-06	9.368E-14	1.068E-08	1.420E+04
2.668E-02	1.810E-01	9.820E-06	3.576E-07	4.988E-07	1.692E-06	5.601E-14	7.608E-09	1.440E+04
2.347E-02	1.803E-01	1.247E-05	3.073E-07	3.510E-07	1.394E-06	3.334E-14	5.426E-09	1.460E+04
2.066E-02	1.794E-01	1.678E-05	2.637E-07	2.470E-07	1.146E-06	1.578E-14	3.879E-09	1.480E+04
1.820E-02	1.785E-01	2.176E-05	2.259E-07	1.738E-07	9.393E-07	1.170E-14	2.781E-09	1.500E+04
1.605E-02	1.775E-01	2.807E-05	1.934E-07	1.223E-07	7.688E-07	6.904E-15	2.000E-09	1.520E+04
1.416E-02	1.765E-01	3.606E-05	1.654E-07	8.622E-08	6.284E-07	4.071E-15	1.443E-09	1.540E+04
1.251E-02	1.755E-01	4.611E-05	1.415E-07	6.086E-08	5.133E-07	2.395E-15	1.045E-09	1.560E+04
1.108E-02	1.746E-01	5.873E-05	1.210E-07	4.304E-08	4.192E-07	1.415E-15	7.599E-10	1.580E+04
9.819E-03	1.737E-01	7.451E-05	1.035E-07	3.052E-08	3.425E-07	8.359E-16	5.549E-10	1.600E+04
8.720E-03	1.728E-01	9.417E-05	8.855E-08	2.171E-08	2.799E-07	4.950E-16	4.071E-10	1.620E+04
7.758E-03	1.720E-01	1.186E-04	7.584E-08	1.549E-08	2.290E-07	2.940E-16	3.000E-10	1.640E+04
6.915E-03	1.713E-01	1.487E-04	6.502E-08	1.109E-08	1.876E-07	1.753E-16	2.221E-10	1.660E+04
6.176E-03	1.707E-01	1.858E-04	5.581E-08	7.977E-09	1.540E-07	1.050E-16	1.652E-10	1.680E+04
5.527E-03	1.701E-01	2.314E-04	4.578E-08	5.760E-09	1.266E-07	6.317E-17	1.235E-10	1.700E+04
4.951E-03	1.695E-01	2.871E-04	4.129E-08	4.178E-09	1.042E-07	3.823E-17	9.273E-11	1.720E+04
4.453E-03	1.690E-01	3.546E-04	3.555E-08	3.044E-09	8.605E-08	2.326E-17	6.996E-11	1.740E+04
4.009E-03	1.686E-01	4.370E-04	3.073E-08	2.228E-09	7.119E-08	1.425E-17	5.302E-11	1.760E+04
3.617E-03	1.681E-01	5.362E-04	2.657E-08	1.639E-09	5.903E-08	8.778E-18	4.036E-11	1.780E+04
3.269E-03	1.677E-01	6.555E-04	2.302E-08	1.211E-09	4.907E-08	5.444E-18	3.086E-11	1.800E+04
2.960E-03	1.673E-01	7.985E-04	1.957E-08	8.994E-10	4.088E-08	3.359E-18	2.370E-11	1.820E+04
2.685E-03	1.669E-01	9.692E-04	1.736E-08	6.711E-10	3.414E-08	2.136E-18	1.827E-11	1.840E+04
2.440E-03	1.664E-01	1.172E-03	1.512E-08	5.030E-10	2.859E-08	1.351E-18	1.414E-11	1.860E+04
2.221E-03	1.660E-01	1.412E-03	1.316E-08	3.788E-10	2.399E-08	8.606E-19	1.099E-11	1.880E+04
2.025E-03	1.655E-01	1.696E-03	1.152E-08	2.866E-10	2.018E-08	5.517E-19	8.568E-12	1.900E+04
1.849E-03	1.650E-01	2.029E-03	1.006E-08	2.178E-10	1.701E-08	3.560E-19	6.705E-12	1.920E+04
1.691E-03	1.645E-01	2.419E-03	8.828E-09	1.662E-10	1.437E-08	2.312E-19	5.264E-12	1.940E+04
1.549E-03	1.638E-01	2.874E-03	7.747E-09	1.274E-10	1.217E-08	1.511E-19	4.145E-12	1.960E+04
1.420E-03	1.631E-01	3.401E-03	6.807E-09	9.799E-11	1.032E-08	9.936E-20	3.273E-12	1.980E+04
1.304E-03	1.624E-01	4.011E-03	5.990E-09	7.569E-11	8.769E-09	6.573E-20	2.592E-12	2.000E+04
1.198E-03	1.615E-01	4.713E-03	5.276E-09	5.869E-11	7.465E-09	4.373E-20	2.057E-12	2.020E+04
1.102E-03	1.605E-01	5.518E-03	4.654E-09	4.566E-11	6.365E-09	2.928E-20	1.636E-12	2.040E+04
1.015E-03	1.594E-01	6.436E-03	4.108E-09	3.505E-11	5.435E-09	1.969E-20	1.304E-12	2.060E+04
9.351E-04	1.581E-01	7.478E-03	3.630E-09	2.792E-11	4.647E-09	1.331E-20	1.041E-12	2.080E+04
8.620E-04	1.567E-01	8.655E-03	3.211E-09	2.193E-11	3.977E-09	9.046E-21	8.320E-13	2.100E+04
7.950E-04	1.551E-01	9.979E-03	2.841E-09	1.727E-11	3.407E-09	6.177E-21	6.657E-13	2.120E+04
7.334E-04	1.533E-01	1.146E-02	2.516E-09	1.364E-11	2.921E-09	4.236E-21	5.331E-13	2.140E+04
6.766E-04	1.514E-01	1.311E-02	2.229E-09	1.080E-11	2.506E-09	2.917E-21	4.272E-13	2.160E+04
6.243E-04	1.492E-01	1.493E-02	1.975E-09	8.565E-12	2.151E-09	2.017E-21	3.423E-13	2.180E+04
5.759E-04	1.468E-01	1.693E-02	1.750E-09	6.808E-12	1.847E-09	1.400E-21	2.743E-13	2.200E+04
5.311E-04	1.442E-01	1.912E-02	1.551E-09	5.420E-12	1.585E-09	9.749E-22	2.197E-13	2.220E+04
4.895E-04	1.414E-01	2.150E-02	1.375E-09	4.321E-12	1.361E-09	6.810E-22	1.758E-13	2.240E+04
4.510E-04	1.383E-01	2.407E-02	1.218E-09	3.449E-12	1.168E-09	4.771E-22	1.406E-13	2.260E+04
4.151E-04	1.350E-01	2.682E-02	1.074E-09	2.756E-12	1.002E-09	3.351E-22	1.123E-13	2.280E+04
3.818E-04	1.315E-01	2.976E-02	9.547E-10	2.204E-12	8.585E-10	2.359E-22	8.951E-14	2.300E+04
3.508E-04	1.278E-01	3.286E-02	8.445E-10	1.764E-12	7.352E-10	1.664E-22	7.124E-14	2.320E+04
3.220E-04	1.239E-01	3.612E-02	7.465E-10	1.412E-12	6.290E-10	1.178E-22	5.658E-14	2.340E+04
2.951E-04	1.199E-01	3.953E-02	6.592E-10	1.131E-12	5.375E-10	8.327E-23	4.484E-14	2.360E+04
2.702E-04	1.156E-01	4.305E-02	5.816E-10	9.059E-13	4.588E-10	5.902E-23	3.545E-14	2.380E+04
2.470E-04	1.112E-01	4.668E-02	5.126E-10	7.295E-13	3.911E-10	4.188E-23	2.796E-14	2.400E+04
2.255E-04	1.068E-01	5.038E-02	4.513E-10	5.809E-13	3.328E-10	2.975E-23	2.199E-14	2.420E+04
2.056E-04	1.022E-01	5.414E-02	3.966E-10	4.650E-13	2.829E-10	2.114E-23	1.725E-14	2.440E+04
1.871E-04	9.760E-02	5.792E-02	3.465E-10	3.721E-13	2.400E-10	1.503E-23	1.349E-14	2.460E+04
1.701E-04	9.297E-02	6.170E-02	3.058E-10	2.915E-13	2.033E-10	1.069E-23	1.053E-14	2.480E+04
1.544E-04	8.834E-02	6.546E-02	2.679E-10	2.378E-13	1.720E-10	7.609E-24	8.192E-15	2.500E+04

Table II. - Continued.

P/P0 = 5.00E-01

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.323E-11	1.760E-18	0.
2.000E+02	0.	1.107E-67	0.	0.	0.	5.437E-11	1.760E-18	0.
3.000E+02	0.	5.062E-46	4.429E-80	0.	0.	5.663E-11	1.760E-18	0.
4.000E+02	0.	3.463E-35	1.171E-62	0.	0.	5.098E-11	1.760E-18	0.
5.000E+02	0.	1.120E-28	3.521E-52	0.	0.	4.607E-11	1.760E-18	0.
6.000E+02	2.172E-93	2.668E-24	3.277E-45	0.	0.	4.870E-11	1.760E-18	0.
7.000E+02	9.324E-79	3.620E-21	3.168E-40	0.	5.477E-90	5.073E-11	1.760E-18	7.163E-83
8.000E+02	8.260E-67	2.405E-18	5.969E-37	0.	1.067E-76	4.523E-10	1.760E-18	5.069E-71
9.000E+02	6.554E-57	7.574E-16	1.063E-34	0.	1.850E-65	9.877E-09	1.760E-18	1.324E-60
1.000E+03	5.880E-49	7.780E-14	6.593E-33	0.	1.961E-56	1.224E-07	1.760E-18	3.153E-52
1.100E+03	1.930E-42	3.455E-12	1.940E-31	0.	4.763E-49	9.590E-07	1.760E-18	2.253E-45
1.200E+03	5.270E-37	8.168E-11	3.262E-30	0.	6.789E-43	5.321E-06	1.760E-18	1.154E-39
1.300E+03	2.134E-32	1.189E-09	3.568E-29	0.	1.092E-37	2.264E-05	1.760E-18	7.791E-35
1.400E+03	1.917E-23	1.181E-08	2.782E-28	0.	3.165E-33	7.815E-05	1.760E-18	1.070E-30
1.500E+03	5.165E-25	8.645E-08	1.654E-27	0.	2.327E-29	2.283E-04	1.760E-18	4.109E-27
1.600E+03	5.226E-22	4.985E-07	7.993E-27	0.	5.610E-26	5.820E-04	1.760E-18	5.600E-24
1.700E+03	2.105E-19	2.293E-06	3.519E-26	0.	4.816E-23	1.326E-03	1.972E-18	2.901E-21
1.800E+03	8.859E-18	8.992E-06	6.581E-25	0.	3.937E-21	2.749E-03	1.077E-17	1.510E-19
1.900E+03	1.094E-16	3.048E-05	2.091E-23	0.	8.730E-20	5.256E-03	1.135E-16	2.230E-18
2.000E+03	9.837E-16	9.124E-05	5.033E-22	0.	1.318E-18	9.368E-03	1.010E-15	2.327E-17
2.100E+03	7.128E-15	2.453E-04	9.076E-21	4.198E-88	1.513E-17	1.569E-02	7.335E-15	1.905E-16
2.200E+03	4.302E-14	6.001E-04	1.260E-19	7.343E-84	1.373E-16	2.483E-02	4.442E-14	1.265E-15
2.300E+03	2.212E-13	1.350E-03	1.396E-18	5.554E-80	1.014E-15	3.729E-02	2.291E-13	6.971E-15
2.400E+03	9.863E-13	2.819E-03	1.270E-17	2.021E-76	6.224E-15	5.329E-02	1.025E-12	3.247E-14
2.500E+03	3.874E-12	5.497E-03	9.700E-17	3.867E-73	3.236E-14	7.261E-02	4.034E-12	1.297E-13
2.600E+03	1.357E-11	1.007E-02	6.350E-16	4.211E-70	1.447E-13	9.442E-02	1.415E-11	4.491E-13
2.700E+03	4.281E-11	1.741E-02	3.623E-15	2.774E-67	5.629E-13	1.173E-01	4.469E-11	1.361E-12
2.800E+03	1.228E-10	2.851E-02	1.828E-14	1.170E-64	1.927E-12	1.392E-01	1.282E-10	3.637E-12
2.900E+03	3.230E-10	4.441E-02	8.264E-14	3.314E-62	5.854E-12	1.579E-01	3.368E-10	8.632E-12
3.000E+03	7.834E-10	6.596E-02	3.382E-13	6.585E-60	1.592E-11	1.714E-01	8.154E-10	1.830E-11
3.100E+03	1.763E-09	9.369E-02	1.265E-12	9.492E-58	3.900E-11	1.780E-01	1.830E-09	3.485E-11
3.200E+03	3.702E-09	1.276E-01	4.362E-12	1.025E-55	8.667E-11	1.771E-01	3.828E-09	5.990E-11
3.300E+03	7.286E-09	1.669E-01	1.396E-11	8.535E-54	1.757E-10	1.688E-01	7.497E-09	9.333E-11
3.400E+03	1.349E-08	2.101E-01	4.176E-11	5.607E-52	3.263E-10	1.542E-01	1.380E-08	1.323E-10
3.500E+03	2.362E-08	2.550E-01	1.173E-10	2.969E-50	5.585E-10	1.352E-01	2.396E-08	1.715E-10
3.600E+03	3.925E-08	2.992E-01	3.111E-10	1.290E-48	8.858E-10	1.139E-01	3.939E-08	2.044E-10
3.700E+03	6.222E-08	3.401E-01	7.816E-10	4.663E-47	1.311E-09	9.252E-02	6.151E-08	2.255E-10
3.800E+03	9.465E-08	3.760E-01	1.866E-09	1.419E-45	1.826E-09	7.283E-02	9.160E-08	2.328E-10
3.900E+03	1.391E-07	4.059E-01	4.242E-09	3.659E-44	2.418E-09	5.590E-02	1.305E-07	2.279E-10
4.000E+03	1.992E-07	4.296E-01	9.191E-09	8.037E-43	3.082E-09	4.212E-02	1.786E-07	2.144E-10
4.100E+03	2.800E-07	4.479E-01	1.898E-08	1.370E-41	3.823E-09	3.138E-02	2.353E-07	1.969E-10
4.200E+03	3.894E-07	4.615E-01	3.736E-08	2.413E-40	4.670E-09	2.326E-02	2.987E-07	1.789E-10
4.300E+03	5.394E-07	4.716E-01	7.003E-08	3.304E-39	5.668E-09	1.724E-02	3.659E-07	1.625E-10
4.400E+03	7.482E-07	4.789E-01	1.251E-07	3.892E-38	6.884E-09	1.281E-02	4.330E-07	1.490E-10
4.500E+03	1.042E-06	4.843E-01	2.132E-07	3.934E-37	8.402E-09	9.582E-03	4.962E-07	1.385E-10
4.600E+03	1.458E-06	4.882E-01	3.478E-07	3.470E-36	1.032E-08	7.219E-03	5.523E-07	1.308E-10
4.700E+03	2.046E-06	4.910E-01	5.458E-07	2.695E-35	1.275E-08	5.484E-03	5.997E-07	1.254E-10
4.800E+03	2.875E-06	4.922E-01	8.275E-07	1.865E-34	1.582E-08	4.203E-03	6.377E-07	1.219E-10
4.900E+03	4.039E-06	4.947E-01	1.217E-06	1.163E-33	1.968E-08	3.250E-03	6.669E-07	1.199E-10
5.000E+03	5.661E-06	4.960E-01	1.743E-06	6.591E-33	2.451E-08	2.536E-03	6.879E-07	1.191E-10
5.100E+03	7.913E-06	4.969E-01	2.438E-06	3.424E-32	3.053E-08	1.996E-03	7.013E-07	1.193E-10
5.200E+03	1.103E-05	4.977E-01	3.335E-06	1.639E-31	3.804E-08	1.585E-03	7.075E-07	1.206E-10
5.300E+03	1.533E-05	4.984E-01	4.466E-06	7.263E-31	4.742E-08	1.269E-03	7.067E-07	1.229E-10
5.400E+03	2.123E-05	4.991E-01	5.859E-06	2.987E-30	5.921E-08	1.024E-03	6.991E-07	1.264E-10
5.500E+03	2.951E-05	4.998E-01	7.534E-06	1.143E-29	7.411E-08	8.337E-04	6.848E-07	1.313E-10
5.600E+03	4.093E-05	5.007E-01	9.502E-06	4.082E-29	9.303E-08	6.840E-04	6.644E-07	1.377E-10
5.700E+03	5.677E-05	5.018E-01	1.176E-05	1.365E-28	1.172E-07	5.656E-04	6.388E-07	1.460E-10
5.800E+03	7.873E-05	5.022E-01	1.432E-05	4.290E-28	1.491E-07	4.715E-04	6.096E-07	1.563E-10
5.900E+03	1.091E-04	5.052E-01	1.717E-05	1.275E-27	1.876E-07	3.963E-04	5.784E-07	1.689E-10
6.000E+03	1.507E-04	5.078E-01	2.034E-05	3.602E-27	2.378E-07	3.359E-04	5.472E-07	1.840E-10
6.100E+03	2.073E-04	5.113E-01	2.388E-05	9.753E-27	3.014E-07	2.874E-04	5.175E-07	2.016E-10
6.200E+03	2.832E-04	5.157E-01	2.786E-05	2.547E-26	3.808E-07	2.481E-04	4.909E-07	2.219E-10
6.300E+03	3.836E-04	5.213E-01	3.241E-05	6.461E-26	4.791E-07	2.162E-04	4.684E-07	2.448E-10
6.400E+03	5.141E-04	5.281E-01	3.769E-05	1.602E-25	5.988E-07	1.902E-04	4.507E-07	2.701E-10
6.500E+03	6.805E-04	5.361E-01	4.391E-05	3.901E-25	7.423E-07	1.688E-04	4.379E-07	2.974E-10
6.600E+03	8.889E-04	5.483E-01	5.130E-05	9.368E-25	9.113E-07	1.510E-04	4.301E-07	3.264E-10
6.700E+03	1.145E-03	5.583E-01	6.017E-05	2.225E-24	1.107E-06	1.360E-04	4.269E-07	3.561E-10
6.800E+03	1.454E-03	5.689E-01	7.083E-05	5.232E-24	1.328E-06	1.232E-04	4.280E-07	3.857E-10
6.900E+03	1.821E-03	5.786E-01	8.368E-05	1.220E-23	1.574E-06	1.121E-04	4.328E-07	4.140E-10
7.000E+03	2.250E-03	5.873E-01	9.913E-05	2.817E-23	1.842E-06	1.022E-04	4.407E-07	4.402E-10
7.100E+03	2.745E-03	5.971E-01	1.177E-04	6.445E-23	2.129E-06	9.327E-05	4.513E-07	4.632E-10
7.200E+03	3.308E-03	6.068E-01	1.398E-04	1.459E-22	2.432E-06	8.518E-05	4.639E-07	4.823E-10
7.300E+03	3.945E-03	6.152E-01	1.661E-04	3.267E-22	2.747E-06	7.776E-05	4.782E-07	4.972E-10
7.400E+03	4.657E-03	6.226E-01	1.973E-04	7.225E-22	3.070E-06	7.095E-05	4.938E-07	5.078E-10
7.500E+03	5.450E-03	6.288E-01	2.341E-04	1.578E-21	3.399E-06	6.464E-05	5.104E-07	5.162E-10
7.600E+03	6.327E-03	6.340E-01	2.772E-04	3.398E-21	3.731E-06	5.895E-05	5.278E-07	5.167E-10
7.700E+03	7.294E-03	6.383E-01	3.276E-04	7.217E-21	4.065E-06	5.369E-05	5.457E-07	5.159E-10
7.800E+03	8.355E-03	6.416E-01	3.862E-04	1.511E-20	4.401E-06	4.890E-05	5.640E-07	5.122E-10
7.900E+03	9.517E-03	6.442E-01	4.541E-04	3.117E-20	4.736E-06	4.454E-05	5.827E-07	5.062E-10
8.000E+03	1.079E-02	6.461E-01	5.325E-04	6.337E-20	5.072E-06	4.058E-05	6.017E-07	4.983E-10
8.200E+03	1.367E-02	6.482E-01	7.258E-04	2.507E-19	5.741E-06	3.375E-05	6.404E-07	4.785E-10

Table II. - Continued.

P/P0 = 5.00E-01

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	8.533E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.290E-40	1.853E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	7.385E-28	8.096E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.978E-20	2.126E-47	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	1.649E-15	3.376E-39	1.000E+00	0.	6.000E+02
7.918E-79	8.215E-80	0.	0.	5.504E-12	2.441E-33	1.000E+00	1.458E-91	7.000E+02
5.250E-65	5.837E-67	0.	0.	8.110E-10	2.371E-30	1.000E+00	3.124E-78	8.000E+02
1.422E-55	3.427E-59	0.	0.	1.966E-08	6.266E-29	1.000E+00	4.605E-69	9.000E+02
7.794E-49	2.400E-54	0.	0.	2.446E-07	7.956E-28	1.000E+00	8.993E-62	1.000E+03
1.830E-43	1.640E-50	0.	3.734E-87	1.918E-06	6.348E-27	1.000E+00	8.282E-56	1.100E+03
4.945E-39	2.257E-47	0.	4.368E-77	1.064E-05	3.585E-26	1.000E+00	7.742E-51	1.200E+03
2.092E-35	9.372E-45	0.	2.141E-68	4.528E-05	1.552E-25	9.999E-01	1.245E-46	1.300E+03
2.646E-32	.547E-42	0.	3.510E-61	1.563E-04	5.450E-25	9.998E-01	5.022E-43	1.400E+03
1.207E-29	1.236E-40	0.	5.360E-55	4.566E-04	1.620E-24	9.993E-01	6.697E-40	1.500E+03
2.436E-27	5.529E-39	2.566E-95	1.225E-49	1.144E-03	4.203E-24	9.983E-01	3.633E-37	1.600E+03
2.536E-25	1.543E-37	1.093E-91	5.977E-45	2.654E-03	1.093E-23	9.960E-01	9.393E-35	1.700E+03
1.530E-23	3.273E-36	2.201E-88	7.300E-41	5.506E-03	1.262E-22	9.917E-01	1.309E-32	1.800E+03
5.852E-22	2.447E-34	4.672E-84	6.325E-38	1.054E-02	2.602E-21	9.842E-01	1.083E-30	1.900E+03
1.525E-20	2.696E-32	1.843E-79	1.161E-35	1.883E-02	4.241E-20	9.717E-01	5.748E-29	2.000E+03
2.867E-19	1.992E-30	2.977E-75	1.753E-33	3.162E-02	5.333E-19	9.524E-01	2.082E-27	2.100E+03
4.070E-18	9.879E-29	1.937E-71	7.561E-32	5.026E-02	5.321E-18	9.243E-01	5.412E-26	2.200E+03
4.529E-17	3.456E-27	5.754E-68	3.296E-30	7.593E-02	4.352E-17	8.854E-01	1.052E-24	2.300E+03
4.073E-16	8.917E-26	8.653E-65	1.022E-28	1.094E-01	2.976E-16	8.345E-01	1.582E-23	2.400E+03
3.038E-15	1.766E-24	7.187E-62	2.345E-27	1.507E-01	1.737E-15	7.712E-01	1.894E-22	2.500E+03
1.919E-14	2.776E-23	3.550E-59	4.118E-26	1.989E-01	8.813E-15	6.966E-01	1.850E-21	2.600E+03
1.045E-13	3.552E-22	1.110E-56	5.689E-25	2.519E-01	3.934E-14	6.134E-01	1.505E-20	2.700E+03
4.990E-13	3.793E-21	2.322E-54	6.333E-24	3.069E-01	1.574E-13	5.254E-01	1.041E-19	2.800E+03
2.116E-12	3.453E-20	3.392E-52	5.799E-23	3.602E-01	5.685E-13	4.374E-01	6.217E-19	2.900E+03
8.075E-12	2.731E-19	3.640E-50	4.450E-22	4.087E-01	1.877E-12	3.539E-01	3.264E-18	3.000E+03
2.805E-11	1.909E-18	2.947E-48	2.911E-21	4.498E-01	5.722E-12	2.785E-01	1.531E-17	3.100E+03
8.965E-11	1.197E-17	1.868E-46	1.648E-20	4.818E-01	1.628E-11	2.136E-01	6.526E-17	3.200E+03
2.645E-10	6.822E-17	9.507E-45	8.196E-20	5.044E-01	4.364E-11	1.589E-01	2.566E-16	3.300E+03
7.443E-10	3.609E-16	4.013E-43	3.629E-19	5.184E-01	1.112E-10	1.173E-01	9.409E-16	3.400E+03
1.971E-09	1.779E-15	1.430E-41	1.449E-18	5.253E-01	2.713E-10	8.450E-02	3.281E-15	3.500E+03
4.991E-09	8.285E-15	4.420E-40	5.282E-18	5.269E-01	6.389E-10	6.001E-02	1.098E-14	3.600E+03
1.218E-08	3.677E-14	1.196E-38	1.776E-17	5.252E-01	1.459E-09	4.218E-02	3.563E-14	3.700E+03
2.881E-08	1.565E-13	2.874E-37	5.567E-17	5.217E-01	3.230E-09	2.947E-02	1.127E-13	3.800E+03
6.633E-08	6.402E-13	6.173E-36	1.642E-16	5.177E-01	6.989E-09	2.056E-02	3.479E-13	3.900E+03
1.490E-07	2.514E-12	1.189E-34	4.599E-16	5.139E-01	1.465E-08	1.438E-02	1.049E-12	4.000E+03
3.265E-07	9.466E-12	2.041E-33	1.232E-15	5.106E-01	2.970E-08	1.012E-02	3.077E-12	4.100E+03
6.961E-07	3.392E-11	3.107E-32	3.180E-15	5.080E-01	5.805E-08	7.176E-03	8.766E-12	4.200E+03
1.455E-06	1.32E-10	4.144E-31	7.966E-15	5.060E-01	1.090E-07	5.141E-03	2.418E-11	4.300E+03
2.957E-06	3.687E-10	4.886E-30	1.948E-14	5.045E-01	1.961E-07	3.724E-03	6.449E-11	4.400E+03
9.855E-06	1.110E-09	5.010E-29	4.668E-14	5.034E-01	3.380E-07	2.728E-03	1.662E-10	4.500E+03
1.130E-05	3.142E-09	4.995E-28	1.100E-13	5.026E-01	5.595E-07	2.022E-03	4.136E-10	4.600E+03
2.126E-05	8.378E-09	3.550E-27	2.550E-13	5.019E-01	8.921E-07	1.514E-03	9.951E-10	4.700E+03
3.904E-05	2.113E-08	2.491E-26	5.814E-13	5.014E-01	1.375E-06	1.149E-03	2.316E-09	4.800E+03
7.003E-05	5.063E-08	1.569E-25	1.301E-12	5.010E-01	2.059E-06	8.801E-04	5.222E-09	4.900E+03
1.228E-04	1.158E-07	8.952E-25	2.857E-12	5.006E-01	3.001E-06	6.811E-04	1.142E-08	5.000E+03
2.109E-04	2.537E-07	4.670E-24	6.148E-12	5.002E-01	4.270E-06	5.322E-04	2.423E-08	5.100E+03
3.546E-04	5.345E-07	2.242E-23	1.297E-11	4.997E-01	5.940E-06	4.196E-04	5.000E-08	5.200E+03
5.848E-04	1.084E-06	9.958E-23	2.462E-11	4.990E-01	8.084E-06	3.337E-04	1.004E-07	5.300E+03
9.464E-04	2.123E-06	4.104E-22	5.447E-11	4.981E-01	1.077E-05	2.675E-04	1.962E-07	5.400E+03
1.505E-03	4.012E-06	1.574E-21	1.088E-10	4.967E-01	1.404E-05	2.161E-04	7.736E-07	5.500E+03
2.348E-03	7.32E-06	5.624E-21	2.138E-10	4.948E-01	1.791E-05	1.757E-04	6.933E-07	5.600E+03
3.604E-03	1.294E-05	1.677E-20	4.141E-10	4.920E-01	2.238E-05	1.437E-04	1.253E-04	5.700E+03
5.436E-03	2.210E-05	5.860E-20	7.904E-10	4.880E-01	2.739E-05	1.181E-04	2.205E-04	5.800E+03
8.059E-03	3.656E-05	1.718E-19	1.484E-09	4.824E-01	3.287E-05	9.748E-05	3.771E-04	5.900E+03
1.174E-02	5.864E-05	4.744E-19	2.747E-09	4.747E-01	3.873E-05	8.070E-05	6.259E-04	6.000E+03
1.678E-02	9.133E-05	1.240E-18	4.984E-09	4.644E-01	4.487E-05	6.693E-05	1.006E-03	6.100E+03
2.352E-02	1.383E-04	3.082E-18	8.843E-09	4.511E-01	5.118E-05	5.551E-05	1.560E-03	6.200E+03
3.229E-02	2.041E-04	7.322E-18	1.529E-08	4.343E-01	5.755E-05	4.598E-05	2.329E-03	6.300E+03
4.337E-02	2.937E-04	1.671E-17	2.570E-08	4.137E-01	6.385E-05	3.796E-05	3.338E-03	6.400E+03
5.690E-02	4.127E-04	3.611E-17	4.181E-08	3.894E-01	6.994E-05	3.118E-05	4.583E-03	6.500E+03
7.288E-02	5.670E-04	7.627E-17	6.572E-08	3.617E-01	7.568E-05	2.543E-05	6.023E-03	6.600E+03
9.104E-02	7.625E-04	1.619E-16	9.959E-08	3.312E-01	8.092E-05	2.057E-05	7.571E-03	6.700E+03
1.110E-01	1.005E-03	3.259E-16	1.454E-07	2.989E-01	8.551E-05	1.648E-05	9.114E-03	6.800E+03
1.321E-01	1.299E-03	6.406E-16	2.048E-07	2.686E-01	8.933E-05	1.306E-05	1.053E-04	6.900E+03
1.537E-01	1.650E-03	1.231E-15	2.782E-07	2.331E-01	9.231E-05	1.024E-05	1.169E-04	7.000E+03
4.749E-01	2.040E-03	2.318E-15	3.654E-07	2.017E-01	9.440E-05	7.941E-04	1.254E-04	7.100E+03
1.952E-01	2.535E-03	4.279E-15	4.652E-07	1.724E-01	9.561E-05	6.097E-04	1.303E-04	7.200E+03
2.140E-01	3.079E-03	7.756E-15	5.757E-07	1.459E-01	9.599E-05	4.647E-04	1.316E-04	7.300E+03
2.304E-01	3.686E-03	1.382E-14	6.945E-07	1.223E-01	9.562E-05	3.504E-04	1.298E-04	7.400E+03
2.456E-01	4.368E-03	2.423E-14	8.191E-07	1.018E-01	9.461E-05	2.630E-04	1.255E-04	7.500E+03
2.583E-01	5.125E-03	4.183E-14	9.474E-07	8.426E-02	9.309E-05	1.966E-04	1.193E-04	7.600E+03
2.688E-01	5.961E-03	7.116E-14	1.077E-06	8.947E-02	9.113E-05	1.465E-04	1.119E-04	7.700E+03
2.775E-01	6.880E-03	1.194E-13	1.208E-06	5.712E-02	8.888E-05	1.091E-04	1.037E-04	7.800E+03
2.844E-01	7.885E-03	1.975E-13	1.337E-06	4.689E-02	8.642E-05	8.116E-07	9.537E-05	7.900E+03
2.897E-01	8.982E-03	3.227E-13	1.465E-06	3.847E-02	8.382E-05	6.045E-07	8.708E-05	8.000E+03
2.937E-01	1.018E-02	5.209E-13	1.590E-06	2.592E-02	7.845E-05	3.373E-07	7.153E-05	8.200E+03
2.985E-01	1.287E-02	1.310E-12	1.834E-06					

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
8.400E+03	1.706E-02	6.484E-01	9.779E-04	9.370E-13	6.406E-06	2.817E-05	6.799E-07	4.555E-10
8.600E+03	2.101E-02	6.473E-01	1.303E-03	3.316E-18	7.065E-06	2.360E-05	7.200E-07	4.308E-10
8.800E+03	2.557E-02	6.461E-01	1.716E-03	1.114E-17	7.714E-06	1.986E-05	7.606E-07	4.054E-10
9.000E+03	3.078E-02	6.420E-01	2.237E-03	3.563E-17	8.348E-06	1.679E-05	8.016E-07	3.801E-10
9.200E+03	3.670E-02	6.379E-01	2.888E-03	1.088E-16	8.960E-06	1.425E-05	8.429E-07	3.551E-10
9.400E+03	4.335E-02	6.381E-01	3.693E-03	3.183E-16	9.543E-06	1.213E-05	8.845E-07	3.305E-10
9.600E+03	5.075E-02	6.275E-01	4.683E-03	8.943E-16	1.009E-05	1.037E-05	9.261E-07	3.06E-10
9.800E+03	5.892E-02	6.210E-01	5.888E-03	2.419E-15	1.059E-05	8.881E-06	9.675E-07	2.8E-10
1.000E+04	6.786E-02	6.137E-01	7.347E-03	6.315E-15	1.104E-05	7.627E-06	1.009E-06	2.61E-10
1.020E+04	7.756E-02	6.056E-01	9.101E-03	1.594E-14	1.143E-05	6.562E-06	1.049E-06	2.343E-10
1.040E+04	8.799E-02	5.986E-01	1.120E-02	3.902E-14	1.175E-05	5.654E-06	1.089E-06	2.183E-10
1.060E+04	9.910E-02	5.868E-01	1.368E-02	9.271E-14	1.200E-05	4.877E-06	1.128E-06	1.986E-10
1.080E+04	1.109E-01	5.760E-01	1.662E-02	2.142E-13	1.218E-05	4.208E-06	1.164E-06	1.796E-10
1.100E+04	1.232E-01	5.644E-01	2.005E-02	4.822E-13	1.227E-05	3.631E-06	1.199E-06	1.616E-10
1.120E+04	1.361E-01	5.518E-01	2.406E-02	1.058E-12	1.229E-05	3.131E-06	1.231E-06	1.447E-10
1.140E+04	1.494E-01	5.383E-01	2.869E-02	2.267E-12	1.223E-05	2.698E-06	1.259E-06	1.287E-10
1.160E+04	1.631F-01	5.239E-01	3.401E-02	4.744E-12	1.209E-05	2.321E-06	1.283E-06	1.139E-10
1.180E+04	1.771E-01	5.085E-01	4.008E-02	9.709E-12	1.188E-05	1.992E-06	1.301E-06	1.001E-10
1.200E+04	1.914E-01	4.921E-01	4.693E-02	1.944E-11	1.160E-05	1.705E-06	1.313E-06	8.744E-11
1.220E+04	2.058E-01	4.748E-01	5.460E-02	3.809E-11	1.125E-05	1.455E-06	1.318E-06	7.584E-11
1.240E+04	2.204E-01	4.586E-01	6.311E-02	7.308E-11	1.085E-05	1.236E-06	1.314E-06	6.530E-11
1.260E+04	2.352E-01	4.374E-01	7.245E-02	1.374E-10	1.039E-05	1.046E-06	1.301E-06	5.579E-11
1.280E+04	2.499E-01	4.175E-01	8.259E-02	2.530E-10	9.895E-06	8.794E-07	1.278E-06	4.728E-11
1.300E+04	2.646E-01	3.967E-01	9.348E-02	4.568E-10	9.360E-06	7.353E-07	1.246E-06	3.973E-11
1.320E+04	2.793E-01	3.754E-01	1.050E-01	8.089E-10	8.797E-06	6.108E-07	1.204E-06	3.308E-11
1.340E+04	2.939E-01	3.536E-01	1.171E-01	1.406E-09	8.214E-06	5.038E-07	1.152E-06	2.729E-11
1.360E+04	3.082E-01	3.315E-01	1.297E-01	2.398E-09	7.617E-06	4.125E-07	1.093E-06	2.229E-11
1.380E+04	3.223E-01	3.093E-01	1.425E-01	4.017E-09	7.017E-06	3.351E-07	1.027E-06	1.803E-11
1.400E+04	3.360E-01	2.871E-01	1.555E-01	6.617E-09	6.420E-06	2.701E-07	9.550E-07	1.443E-11
1.420E+04	3.493E-01	2.653E-01	1.685E-01	1.072E-08	5.834E-06	2.160E-07	7.801E-07	1.144E-11
1.440E+04	3.620E-01	2.439E-01	1.814E-01	1.709E-08	5.266E-06	1.714E-07	6.035E-07	8.977E-12
1.460E+04	3.742E-01	2.283E-01	1.939E-01	2.684E-08	4.723E-06	1.349E-07	7.269E-07	6.975E-12
1.480E+04	3.858E-01	2.034E-01	2.060E-01	4.154E-08	4.209E-06	1.054E-07	6.520E-07	5.369E-12
1.500E+04	3.967E-01	1.846E-01	2.176E-01	6.342E-08	3.729E-06	8.181E-08	5.800E-07	4.096E-12
1.520E+04	4.068E-01	1.668E-01	2.286E-01	9.555E-08	3.286E-06	6.309E-08	5.122E-07	3.099E-12
1.540E+04	4.162E-01	1.503E-01	2.389E-01	1.422E-07	2.880E-06	4.837E-08	4.491E-07	2.328E-12
1.560E+04	4.249E-01	1.349E-01	2.485E-01	2.091E-07	2.513E-06	3.690E-08	3.914E-07	1.736E-12
1.580E+04	4.328E-01	1.208E-01	2.573E-01	3.039E-07	2.183E-06	2.803E-08	3.392E-07	1.288E-12
1.600E+04	4.400E-01	1.079E-01	2.654E-01	4.372E-07	1.890E-06	2.122E-08	2.926E-07	9.504E-13
1.620E+04	4.466E-01	9.620E-02	2.728E-01	6.225E-07	1.632E-06	1.602E-08	2.514E-07	6.987E-13
1.640E+04	4.524E-01	8.564E-02	2.794E-01	8.779E-07	1.405E-06	1.207E-08	2.152E-07	5.120E-13
1.660E+04	4.577E-01	7.614E-02	2.854E-01	1.227E-06	1.207E-06	9.080E-09	1.838E-07	3.743E-13
1.680E+04	4.624E-01	6.765E-02	2.907E-01	1.699E-06	1.036E-06	6.829E-09	1.566E-07	2.733E-13
1.700E+04	4.666E-01	6.008E-02	2.955E-01	2.334E-06	8.879E-07	5.135E-09	1.333E-07	1.994E-13
1.720E+04	4.704E-01	5.385E-02	2.997E-01	3.180E-06	7.606E-07	3.864E-09	1.133E-07	1.455E-13
1.740E+04	4.737E-01	4.788E-02	3.035E-01	4.301E-06	6.514E-07	2.911E-09	9.629E-08	1.063E-13
1.760E+04	4.766E-01	4.209E-02	3.068E-01	5.775E-06	5.579E-07	2.197E-09	8.182E-08	7.768E-14
1.780E+04	4.793E-01	3.742E-02	3.097E-01	7.701E-06	4.780E-07	1.641E-09	6.954E-08	5.688E-14
1.800E+04	4.816E-01	3.328E-02	3.123E-01	1.020E-05	4.098E-07	1.258E-09	5.913E-08	4.174E-14
1.820E+04	4.837E-01	2.964E-02	3.146E-01	1.342E-05	3.517E-07	9.558E-10	5.033E-08	3.070E-14
1.840E+04	4.855E-01	2.642E-02	3.166E-01	1.756E-05	3.021E-07	7.281E-10	4.289E-08	2.265E-14
1.860E+04	4.872E-01	2.357E-02	3.183E-01	2.283E-05	2.598E-07	5.563E-10	3.659E-08	1.675E-14
1.880E+04	4.887E-01	2.106E-02	3.198E-01	2.952E-05	2.238E-07	4.264E-10	3.126E-08	1.243E-14
1.900E+04	4.900E-01	1.884E-02	3.211E-01	3.795E-05	1.930E-07	3.278E-10	2.574E-08	9.257E-15
1.920E+04	4.912E-01	1.688E-02	3.222E-01	4.854E-05	1.667E-07	2.529E-10	2.292E-08	6.916E-15
1.940E+04	4.924E-01	1.515E-02	3.232E-01	6.175E-05	1.442E-07	1.958E-10	1.968E-08	5.186E-15
1.960E+04	4.934E-01	1.361E-02	3.240E-01	7.818E-05	1.250E-07	1.520E-10	1.692E-08	3.903E-15
1.980E+04	4.944E-01	1.224E-02	3.247E-01	9.850E-05	1.085E-07	1.185E-10	1.458E-08	2.948E-15
2.000E+04	4.953E-01	1.103E-02	3.253E-01	1.235E-04	9.439E-08	9.268E-11	1.258E-08	2.234E-15
2.020E+04	4.963E-01	9.958E-03	3.257E-01	1.542E-04	8.222E-08	7.273E-11	1.08E-08	1.700E-15
2.040E+04	4.971E-01	9.000E-03	3.261E-01	1.716E-04	7.176E-08	5.727E-11	9.422E-09	1.298E-15
2.060E+04	4.980E-01	8.146E-03	3.263E-01	2.370E-04	6.274E-08	4.525E-11	8.175E-09	9.953E-16
2.080E+04	4.989E-01	7.384E-03	3.264E-01	2.920E-04	5.496E-08	3.587E-11	7.106E-09	7.657E-16
2.100E+04	4.998E-01	6.704E-03	3.264E-01	3.582E-04	4.822E-08	2.852E-11	6.188E-09	5.912E-16
2.120E+04	5.007E-01	6.094E-03	3.263E-01	4.376E-04	4.239E-08	2.276E-11	5.397E-09	4.582E-16
2.140E+04	5.017E-01	5.548E-03	3.261E-01	5.325E-04	3.733E-08	1.822E-11	4.715E-09	3.563E-16
2.160E+04	5.027E-01	5.088E-03	3.258E-01	6.454E-04	3.293E-08	1.462E-11	4.125E-09	2.780E-16
2.180E+04	5.038E-01	4.617E-03	3.254E-01	7.793E-04	2.910E-08	1.178E-11	3.615E-09	2.177E-16
2.200E+04	5.050E-01	4.220E-03	3.249E-01	9.373E-04	2.576E-08	9.512E-12	3.172E-09	1.711E-16
2.220E+04	5.062E-01	3.863E-03	3.242E-01	1.123E-03	2.284E-08	7.704E-12	2.788E-09	1.348E-16
2.240E+04	5.075E-01	3.542E-03	3.235E-01	1.341E-03	2.029E-08	6.257E-12	2.453E-09	1.064E-16
2.260E+04	5.089E-01	3.248E-03	3.226E-01	1.595E-03	1.805E-08	5.095E-12	2.162E-09	8.458E-17
2.280E+04	5.104E-01	2.983E-03	3.215E-01	1.891E-03	1.608E-08	4.160E-12	1.907E-09	6.730E-17
2.300E+04	5.120E-01	2.743E-03	3.204E-01	2.233E-03	1.435E-08	3.405E-12	1.684E-09	5.370E-17
2.320E+04	5.137E-01	2.526E-03	3.191E-01	2.628E-03	1.283E-08	2.793E-12	1.489E-09	4.297E-17
2.340E+04	5.155E-01	2.327E-03	3.176E-01	3.083E-03	1.148E-08	2.297E-12	1.317E-09	3.448E-17
2.360E+04	5.174E-01	2.147E-03	3.160E-01	3.604E-03	1.029E-08	1.893E-12	1.166E-09	2.774E-17
2.380E+04	5.194E-01	1.982E-03	3.142E-01	4.199E-03	9.232E-09	1.563E-12	1.034E-09	2.237E-17
2.400E+04	5.215E-01	1.832E-03	3.123E-01	4.877E-03	8.295E-09	1.293E-12	9.166E-10	1.808E-17
2.420E+04	5.237E-01	1.694E-03	3.102E-01	5.645E-03	7.461E-09	1.071E-12	8.133E-10	1.444E-17
2.440E+04	5.259E-01	1.588E-03	3.080E-01	6.514E-03	6.719E-09	8.890E-13	7.220E-10	1.189E-17
2.460E+04	5.283E-01	1.452E-03	3.055E-01	7.493E-03	6.056E-09	7.390E-13	6.411E-10	9.645E-18
2.480E+04	5.307E-01	1.345E-03	3.029E-01	8.592E-03	5.464E-09	6.15E-13	5.695E-10	7.872E-18
2.500E+04	5.333E-01	1.247E-03	3.001E-01	9.822E-03	4.933E-09	5.126E-13	5.059E-10	6.422E-18



Table II. - Continued.

C	C+	C++	C-	CC	CC+	CC2	C2	T
2.948E-01	1.001E-02	3.154E-12	2.066E-06	1.756E-02	7.308E-05	1.903E-07	5.803E-05	8.000E+03
2.968E-01	1.969E-02	7.292E-12	2.285E-06	1.198E-02	6.791E-05	1.089E-07	4.673E-05	8.600E+03
2.984E-01	2.330E-02	1.623E-11	2.440E-06	8.245E-03	6.302E-05	6.320E-08	3.748E-05	8.800E+03
2.997E-01	2.830E-02	3.489E-11	2.617E-06	5.723E-03	5.843E-05	3.722E-08	2.998E-05	9.000E+03
2.846E-01	3.377E-02	7.257E-11	2.843E-06	4.006E-03	5.412E-05	2.222E-08	2.393E-05	9.200E+03
2.773E-01	3.901E-02	1.463E-10	2.988E-06	2.826E-03	5.010E-05	1.343E-08	1.907E-05	9.400E+03
2.696E-01	4.603E-02	2.866E-10	3.102E-06	2.006E-03	4.632E-05	8.216E-09	1.515E-05	9.600E+03
2.547E-01	5.300E-02	5.401E-10	3.166E-06	1.435E-03	4.278E-05	5.076E-09	1.201E-05	9.800E+03
2.495E-01	6.044E-02	1.014E-09	3.242E-06	1.031E-03	3.943E-05	3.165E-09	9.483E-06	1.000E+04
2.365E-01	6.844E-02	1.837E-09	3.263E-06	7.441E-04	3.628E-05	1.988E-09	7.456E-06	1.020E+04
2.268E-01	7.677E-02	3.251E-09	3.249E-06	5.369E-04	3.329E-05	1.257E-09	5.834E-06	1.040E+04
2.146E-01	8.543E-02	5.026E-09	3.201E-06	3.914E-04	3.047E-05	7.985E-10	4.540E-06	1.060E+04
2.019E-01	9.423E-02	9.238E-09	3.122E-06	2.448E-04	2.779E-05	5.095E-10	3.511E-06	1.080E+04
1.890E-01	1.031E-01	1.584E-08	3.013E-06	2.075E-04	2.526E-05	3.260E-10	2.698E-06	1.100E+04
1.759E-01	1.120E-01	2.580E-08	2.879E-06	1.513E-04	2.287E-05	2.091E-10	2.059E-06	1.120E+04
1.628E-01	1.207E-01	4.125E-08	2.724E-06	1.103E-04	2.062E-05	1.342E-10	1.561E-06	1.140E+04
1.498E-01	1.291E-01	6.477E-08	2.533E-06	8.042E-05	1.850E-05	8.619E-11	1.175E-06	1.160E+04
1.372E-01	1.370E-01	9.497E-08	2.371E-06	5.859E-05	1.652E-05	5.532E-11	8.743E-07	1.180E+04
1.251E-01	1.444E-01	1.518E-07	2.163E-06	4.265E-05	1.468E-05	3.547E-11	6.524E-07	1.200E+04
1.135E-01	1.512E-01	2.208E-07	1.995E-06	3.100E-05	1.298E-05	2.270E-11	4.816E-07	1.220E+04
1.025E-01	1.573E-01	3.338E-07	1.809E-06	2.251E-05	1.141E-05	1.449E-11	3.536E-07	1.240E+04
9.223E-02	1.627E-01	4.842E-07	1.630E-06	1.631E-05	9.977E-06	9.221E-12	2.584E-07	1.260E+04
8.270E-02	1.673E-01	6.428E-07	1.460E-06	1.180E-05	8.676E-06	5.848E-12	1.880E-07	1.280E+04
7.394E-02	1.712E-01	9.785E-07	1.300E-06	8.524E-06	7.502E-06	3.694E-12	1.363E-07	1.300E+04
6.592E-02	1.743E-01	1.365E-06	1.152E-06	6.145E-06	6.451E-06	2.323E-12	9.848E-08	1.320E+04
5.864E-02	1.767E-01	1.883E-06	1.016E-06	4.422E-06	5.518E-06	1.454E-12	7.101E-08	1.340E+04
5.207E-02	1.785E-01	2.571E-06	8.930E-07	3.176E-06	4.694E-06	9.058E-13	5.112E-08	1.360E+04
4.616E-02	1.794E-01	3.476E-06	7.817E-07	2.276E-06	3.974E-06	5.613E-13	3.676E-08	1.380E+04
4.087E-02	1.802E-01	4.657E-06	6.820E-07	1.629E-06	3.348E-06	3.460E-13	2.542E-08	1.400E+04
3.616E-02	1.807E-01	6.184E-06	5.932E-07	1.164E-06	2.809E-06	2.123E-13	1.899E-08	1.420E+04
3.147E-02	1.807E-01	8.164E-06	5.146E-07	8.303E-07	2.346E-06	1.294E-13	1.365E-08	1.440E+04
2.826E-02	1.803E-01	1.070E-05	4.454E-07	5.919E-07	1.953E-06	7.873E-14	9.828E-09	1.460E+04
2.496E-02	1.797E-01	1.393E-05	3.846E-07	4.215E-07	1.620E-06	4.765E-14	7.085E-09	1.480E+04
2.206E-02	1.790E-01	1.804E-05	3.316E-07	3.000E-07	1.340E-06	2.874E-14	5.117E-09	1.500E+04
1.953E-02	1.782E-01	2.323E-05	2.854E-07	2.136E-07	1.100E-06	1.728E-14	3.704E-09	1.520E+04
1.729E-02	1.773E-01	2.974E-05	2.456E-07	1.521E-07	9.117E-07	1.027E-14	2.689E-09	1.540E+04
1.532E-02	1.763E-01	3.802E-05	2.111E-07	1.044E-07	7.503E-07	6.218E-15	1.958E-09	1.560E+04
1.360E-02	1.754E-01	4.832E-05	1.614E-07	7.738E-08	6.170E-07	3.726E-15	1.431E-09	1.580E+04
1.208E-02	1.745E-01	6.118E-05	1.558E-07	5.533E-08	5.072E-07	2.233E-15	1.050E-09	1.600E+04
1.075E-02	1.737E-01	7.715E-05	1.338E-07	3.905E-08	4.169E-07	1.340E-15	7.730E-10	1.620E+04
9.577E-03	1.728E-01	9.844E-05	1.150E-07	2.849E-08	3.429E-07	8.059E-16	5.715E-10	1.640E+04
8.549E-03	1.718E-01	1.214E-04	9.895E-08	2.054E-08	2.822E-07	4.859E-16	2.44E-10	1.660E+04
7.646E-03	1.708E-01	1.514E-04	8.517E-08	1.448E-08	2.326E-07	2.440E-16	1.65E-10	1.680E+04
6.850E-03	1.698E-01	1.882E-04	7.339E-08	1.078E-08	1.919E-07	1.786E-16	1.371E-10	1.700E+04
6.149E-03	1.682E-01	2.331E-04	6.331E-08	7.858E-09	1.586E-07	1.089E-16	1.078E-10	1.720E+04
5.530E-03	1.666E-01	2.877E-04	5.469E-08	5.748E-09	1.313E-07	6.690E-17	1.348E-10	1.740E+04
4.993E-03	1.649E-01	3.539E-04	4.731E-08	4.224E-09	1.089E-07	4.118E-17	1.024E-10	1.760E+04
4.498E-03	1.632E-01	4.338E-04	4.098E-08	3.117E-09	9.054E-08	2.552E-17	7.804E-11	1.780E+04
4.068E-03	1.616E-01	5.248E-04	3.555E-08	2.310E-09	7.542E-08	1.591E-17	5.976E-11	1.800E+04
3.686E-03	1.600E-01	6.449E-04	3.089E-08	1.720E-09	6.297E-08	9.983E-18	4.594E-11	1.820E+04
3.346E-03	1.584E-01	7.823E-04	2.689E-08	1.287E-09	5.269E-08	6.301E-18	3.547E-11	1.840E+04
3.043E-03	1.567E-01	9.456E-04	2.344E-08	9.667E-10	4.419E-08	4.002E-18	2.749E-11	1.860E+04
2.772E-03	1.550E-01	1.139E-03	2.046E-08	7.299E-10	3.714E-08	2.558E-18	2.138E-11	1.880E+04
2.529E-03	1.533E-01	1.368E-03	1.749E-08	5.529E-10	3.129E-08	1.645E-18	1.670E-11	1.900E+04
2.311E-03	1.516E-01	1.636E-03	1.567E-08	4.209E-10	2.541E-08	1.065E-18	1.308E-11	1.920E+04
2.115E-03	1.501E-01	1.951E-03	1.374E-08	3.218E-10	2.235E-08	6.933E-19	1.029E-11	1.940E+04
1.938E-03	1.484E-01	2.318E-03	1.207E-08	2.470E-10	1.895E-08	4.543E-19	8.112E-12	1.960E+04
1.779E-03	1.469E-01	2.745E-03	1.062E-08	1.904E-10	1.609E-08	2.945E-19	6.417E-12	1.980E+04
1.634E-03	1.453E-01	3.239E-03	9.354E-09	1.473E-10	1.370E-08	1.986E-19	5.090E-12	2.000E+04
1.504E-03	1.438E-01	3.809E-03	8.244E-09	1.144E-10	1.168E-08	1.324E-19	4.048E-12	2.020E+04
1.385E-03	1.423E-01	4.464E-03	7.284E-09	8.415E-11	9.974E-09	6.881E-20	3.227E-12	2.040E+04
1.276E-03	1.408E-01	5.213E-03	6.438E-09	6.973E-11	8.531E-09	5.988E-20	2.578E-12	2.060E+04
1.178E-03	1.393E-01	6.066E-03	5.657E-09	5.471E-11	7.308E-09	4.055E-20	2.064E-12	2.080E+04
1.087E-03	1.378E-01	7.033E-03	5.046E-09	4.306E-11	6.268E-09	2.765E-20	1.655E-12	2.100E+04
1.004E-03	1.363E-01	8.124E-03	4.473E-09	3.349E-11	5.382E-09	1.893E-20	1.329E-12	2.120E+04
9.284E-04	1.348E-01	9.350E-03	3.967E-09	2.691E-11	4.626E-09	1.302E-20	1.068E-12	2.140E+04
8.584E-04	1.332E-01	1.072E-02	3.521E-09	2.135E-11	3.980E-09	8.991E-21	8.593E-13	2.160E+04
7.938E-04	1.317E-01	1.224E-02	3.127E-09	1.698E-11	3.426E-09	6.236E-21	6.919E-13	2.180E+04
7.342E-04	1.303E-01	1.393E-02	2.778E-09	1.354E-11	2.950E-09	4.342E-21	5.572E-13	2.200E+04
6.790E-04	1.288E-01	1.579E-02	2.468E-09	1.081E-11	2.542E-09	3.035E-21	4.488E-13	2.220E+04
6.278E-04	1.273E-01	1.782E-02	2.193E-09	8.650E-12	2.190E-09	2.128E-21	3.614E-13	2.240E+04
5.803E-04	1.258E-01	2.002E-02	1.949E-09	6.931E-12	1.887E-09	1.457E-21	2.909E-13	2.260E+04
5.361E-04	1.243E-01	2.241E-02	1.732E-09	5.561E-12	1.625E-09	1.056E-21	2.340E-13	2.280E+04
4.949E-04	1.228E-01	2.498E-02	1.538E-09	4.466E-12	1.400E-09	7.471E-22	1.880E-13	2.300E+04
4.566E-04	1.213E-01	2.772E-02	1.366E-09	3.541E-12	1.205E-09	5.298E-22	1.509E-13	2.320E+04
4.209E-04	1.198E-01	3.062E-02	1.212E-09	2.889E-12	1.036E-09	3.765E-22	1.204E-13	2.340E+04
3.876E-04	1.183E-01	3.369E-02	1.075E-09	2.326E-12	8.903E-10	2.680E-22	9.667E-14	2.360E+04
3.566E-04	1.168E-01	3.690E-02	9.524E-10	1.873E-12	7.643E-10	1.912E-22	7.717E-14	2.380E+04
3.276E-04	1.153E-01	4.023E-02	8.434E-10	1.509E-12	6.555E-10	1.365E-22	6.148E-14	2.400E+04
3.007E-04	1.138E-01	4.368E-02	7.461E-10	1.215E-12	5.615E-10	9.762E-23	4.886E-14	2.420E+04
2.756E-04	1.123E-01	4.722E-02	6.594E-10	9.788E-13	4.803E-10	6.988E-23	3.874E-14	2.440E+04
2.522E-04	1.108E-01	5.083E-02	5.822E-10	7.882E-13	4.103E-10	5.006E-23	3.064E-14	2.460E+04
2.305E-04	1.093E-01	5.448E-02	5.135E-10	6.345E-13	3.500E-10	3.589E-23	2.418E-14	2.480E+04
2.104E-04	1.078E-01	5.815E-02	4.523E-10	5.106E-13	2.981E-10	2.574E-23	1.903E-14	2.500E+04



Table II. - Continued.

P/P0 = 6.00E-01

T	F-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.542E-11	1.760E-18	0.
2.000E+02	0.	9.477E-68	0.	0.	0.	4.781E-11	1.760E-18	0.
3.000E+02	0.	4.513E-46	4.140E-80	0.	0.	5.401E-11	1.760E-18	0.
4.000E+02	0.	3.120E-35	1.083E-62	0.	0.	4.966E-11	1.760E-18	0.
5.000E+02	0.	1.042E-24	3.153E-52	0.	0.	4.787E-11	1.760E-18	0.
6.000E+02	0.	2.469E-24	2.951E-45	0.	0.	5.015E-11	1.760E-18	3.797E-96
7.000E+02	7.886E-79	3.295E-21	2.901E-40	0.	4.953E-90	5.041E-11	1.760E-18	7.073E-83
8.000E+02	6.512E-67	2.189E-18	5.602E-37	0.	8.966E-77	4.279E-10	1.760E-18	4.537E-71
9.000E+02	5.140E-57	6.708E-16	1.001E-34	0.	1.543E-65	9.296E-09	1.760E-18	1.173E-60
1.000E+03	4.611E-49	6.889E-14	6.204E-33	0.	1.635E-56	1.152E-07	1.760E-18	2.794E-52
1.100E+03	1.514E-42	3.059E-12	1.825E-31	0.	3.969E-49	9.025E-07	1.760E-18	1.995E-45
1.200E+03	4.127E-37	7.234E-11	3.070E-30	0.	5.657E-43	5.009E-06	1.760E-18	1.022E-39
1.300E+03	1.674E-32	1.063E-09	3.358E-29	0.	9.102E-38	2.130E-05	1.760E-18	6.897E-35
1.400E+03	1.497E-28	1.046E-08	2.618E-28	0.	2.637E-33	7.354E-05	1.760E-18	5.474E-31
1.500E+03	4.053E-25	7.656E-07	1.551E-27	0.	1.939E-29	2.148E-04	1.760E-18	3.639E-27
1.600E+03	4.099E-22	4.371E-07	7.427E-27	0.	4.676E-26	5.477E-04	1.760E-18	4.969E-24
1.700E+03	1.687E-19	2.083E-06	3.241E-26	0.	4.102E-23	1.248E-03	1.930E-18	2.626E-21
1.800E+03	7.750E-18	7.965E-06	5.540E-25	0.	3.660E-21	2.588E-03	9.659E-18	1.492E-19
1.900E+03	9.669E-17	2.700E-05	1.747E-23	0.	8.203E-20	4.950E-03	1.008E-16	2.227E-16
2.000E+03	8.702E-16	8.085E-05	4.212E-22	0.	1.240E-18	8.827E-03	8.964E-16	2.328E-17
2.100E+03	6.308E-15	2.175E-04	7.577E-21	0.	1.424E-17	1.480E-02	6.515E-15	1.908E-16
2.200E+03	3.809E-14	5.324E-04	1.052E-19	5.771E-84	1.294E-16	2.345E-02	3.948E-14	1.269E-15
2.300E+03	1.959E-13	1.199E-03	1.166E-18	4.362E-80	9.570E-16	3.528E-02	2.039E-13	7.013E-15
2.400E+03	8.749E-13	2.507E-03	1.061E-17	1.586E-76	5.891E-15	5.056E-02	9.133E-13	3.279E-14
2.500E+03	3.441E-12	4.896E-03	8.104E-17	3.031E-73	3.073E-14	6.912E-02	3.602E-12	1.316E-13
2.600E+03	1.208E-11	8.989E-03	5.306E-16	3.293E-70	1.380E-13	9.029E-02	1.267E-11	4.588E-13
2.700E+03	3.822E-11	1.568E-02	3.028E-15	2.164E-67	5.398E-13	1.128E-01	4.012E-11	1.402E-12
2.800E+03	1.100E-10	2.561E-02	1.528E-14	9.100E-65	1.860E-12	1.347E-01	1.155E-10	3.784E-12
2.900E+03	2.904E-10	4.005E-02	6.907E-14	2.567E-62	5.696E-12	1.541E-01	3.046E-10	9.089E-12
3.000E+03	7.077E-10	5.976E-02	2.825E-13	5.077E-60	1.563E-11	1.688E-01	7.409E-10	1.954E-11
3.100E+03	1.601E-09	8.534E-02	1.057E-12	7.279E-58	3.871E-11	1.772E-01	1.672E-09	3.781E-11
3.200E+03	3.383E-09	1.169E-01	3.645E-12	7.816E-56	8.707E-11	1.784E-01	3.518E-09	6.617E-11
3.300E+03	6.702E-09	1.539E-01	1.167E-11	6.461E-54	1.789E-10	1.724E-01	6.936E-09	1.052E-10
3.400E+03	1.251E-08	1.982E-01	3.489E-11	4.213E-52	3.373E-10	1.599E-01	1.266E-08	1.526E-10
3.500E+03	2.207E-08	2.390E-01	9.805E-11	2.213E-50	5.869E-10	1.424E-01	2.252E-08	2.027E-10
3.600E+03	3.698E-08	2.828E-01	2.601E-10	9.536E-49	9.467E-10	1.221E-01	3.735E-08	2.478E-10
3.700E+03	5.911E-08	3.244E-01	6.538E-10	3.421E-47	1.425E-09	1.010E-01	5.883E-08	2.806E-10
3.800E+03	9.060E-08	3.617E-01	1.563E-09	1.034E-45	2.017E-09	8.085E-02	7.852E-08	2.969E-10
3.900E+03	1.340E-07	3.935E-01	3.558E-09	2.656E-44	2.709E-09	6.303E-02	1.274E-07	2.970E-10
4.000E+03	1.926E-07	4.193E-01	7.731E-09	5.826E-43	3.490E-09	4.815E-02	1.760E-07	2.844E-10
4.100E+03	2.711E-07	4.396E-01	1.604E-08	1.095E-41	4.361E-09	3.628E-02	2.341E-07	2.646E-10
4.200E+03	3.766E-07	4.580E-01	3.174E-08	1.766E-40	5.344E-09	2.714E-02	3.002E-07	2.422E-10
4.300E+03	5.197E-07	4.666E-01	5.993E-08	2.446E-39	6.483E-09	2.025E-02	3.717E-07	2.207E-10
4.400E+03	7.166E-07	4.751E-01	1.080E-07	2.916E-38	7.848E-09	1.513E-02	4.450E-07	2.022E-10
4.500E+03	9.906E-07	4.813E-01	1.857E-07	3.004E-37	9.528E-09	1.136E-02	5.156E-07	1.873E-10
4.600E+03	1.375E-06	4.889E-01	3.059E-07	2.696E-36	1.163E-08	8.584E-03	5.801E-07	1.761E-10
4.700E+03	1.916E-06	4.893E-01	4.840E-07	2.127E-35	1.428E-08	6.535E-03	6.359E-07	1.679E-10
4.800E+03	2.674E-06	4.918E-01	7.393E-07	1.493E-34	1.761E-08	5.016E-03	6.819E-07	1.624E-10
4.900E+03	3.735E-06	4.937E-01	1.095E-06	7.423E-34	2.179E-08	3.884E-03	7.182E-07	1.589E-10
5.000E+03	5.207E-06	4.951E-01	1.577E-06	5.401E-33	2.701E-08	3.033E-03	7.454E-07	1.572E-10
5.100E+03	7.243E-06	4.962E-01	2.217E-06	2.835E-32	3.349E-08	2.389E-03	7.642E-07	1.568E-10
5.200E+03	1.05E-05	4.971E-01	3.047E-06	1.371E-31	4.153E-08	1.698E-03	7.750E-07	1.578E-10
5.300E+03	1.05E-05	4.979E-01	4.102E-06	6.135E-31	5.153E-08	1.520E-03	7.733E-07	1.601E-10
5.400E+03	1.918E-05	4.986E-01	5.411E-06	2.550E-30	6.399E-08	1.227E-03	7.741E-07	1.638E-10
5.500E+03	2.645E-05	4.993E-01	7.000E-06	9.877E-30	7.962E-08	9.987E-04	7.627E-07	1.691E-10
5.600E+03	3.644E-05	5.001E-01	8.883E-06	3.571E-29	9.931E-08	8.191E-04	7.445E-07	1.762E-10
5.700E+03	5.022E-05	5.011E-01	1.107E-05	1.209E-28	1.243E-07	6.770E-04	7.203E-07	1.855E-10
5.800E+03	6.921E-05	5.024E-01	1.355E-05	3.849E-28	1.560E-07	5.639E-04	6.913E-07	1.972E-10
5.900E+03	9.531E-05	5.041E-01	1.634E-05	1.157E-27	1.963E-07	4.735E-04	6.592E-07	2.177E-10
6.000E+03	1.310E-04	5.064E-01	1.944E-05	3.300E-27	2.474E-07	4.009E-04	6.258E-07	2.290E-10
6.100E+03	1.795E-04	5.094E-01	2.289E-05	8.997E-27	3.120E-07	3.423E-04	5.932E-07	2.495E-10
6.200E+03	2.446E-04	5.132E-01	2.675E-05	2.359E-26	3.928E-07	2.948E-04	5.629E-07	2.733E-10
6.300E+03	3.310E-04	5.181E-01	3.112E-05	5.991E-26	4.930E-07	2.563E-04	5.364E-07	3.004E-10
6.400E+03	4.436E-04	5.242E-01	3.613E-05	1.483E-25	6.154E-07	2.248E-04	5.145E-07	3.306E-10
6.500E+03	5.881E-04	5.314E-01	4.197E-05	3.595E-25	7.630E-07	1.990E-04	4.978E-07	3.636E-10
6.600E+03	7.702E-04	5.398E-01	4.885E-05	8.579E-25	9.379E-07	1.776E-04	4.865E-07	3.990E-10
6.700E+03	9.954E-04	5.491E-01	5.704E-05	2.022E-24	1.142E-06	1.597E-04	4.803E-07	4.360E-10
6.800E+03	1.269E-03	5.592E-01	6.684E-05	4.714E-24	1.374E-06	1.444E-04	4.790E-07	4.734E-10
6.900E+03	1.596E-03	5.697E-01	7.860E-05	1.089E-23	1.636E-06	1.313E-04	4.819E-07	5.102E-10
7.000E+03	1.931E-03	5.803E-01	9.270E-05	2.493E-23	1.923E-06	1.197E-04	4.857E-07	5.450E-10
7.100E+03	2.428E-03	5.906E-01	1.096E-04	5.656E-23	2.235E-06	1.094E-04	4.987E-07	5.766E-10
7.200E+03	2.939E-03	6.004E-01	1.298E-04	1.271E-22	2.565E-06	1.001E-04	5.112E-07	6.040E-10
7.300E+03	3.518E-03	6.093E-01	1.537E-04	2.924E-22	2.912E-06	9.153E-05	5.259E-07	6.264E-10
7.400E+03	4.169E-03	6.172E-01	1.821E-04	6.207E-22	3.270E-06	8.369E-05	5.423E-07	6.435E-10
7.500E+03	4.895E-03	6.242E-01	2.156E-04	1.348E-21	3.636E-06	7.649E-05	5.599E-07	6.552E-10
7.600E+03	5.700E-03	6.301E-01	2.549E-04	2.890E-21	4.008E-06	6.985E-05	5.785E-07	6.619E-10
7.700E+03	6.588E-03	6.350E-01	3.007E-04	6.112E-21	4.383E-06	6.378E-05	5.979E-07	6.640E-10
7.800E+03	7.563E-03	6.389E-01	3.541E-04	1.275E-20	4.760E-06	5.819E-05	6.179E-07	6.620E-10
7.900E+03	8.631E-03	6.421E-01	4.159E-04	2.623E-20	5.137E-06	5.309E-05	6.383E-07	6.566E-10
8.000E+03	9.797E-03	6.444E-01	4.873E-04	5.20E-20	5.514E-06	4.845E-05	6.591E-07	6.485E-10
8.200E+03	1.245E-02	6.474E-01	6.633E-04	96E-19	6.266E-06	4.041E-05	7.015E-07	6.261E-10

P/PO = 6.00E-01

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Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.557E-02	6.483E-01	8.928E-04	7.812E-19	7.014E-06	3.379E-05	7.448E-07	5.984E-10
8.600E+03	1.920E-02	6.478E-01	1.198E-03	2.758E-18	7.756E-06	2.837E-05	7.888E-07	5.679E-10
8.800E+03	2.343E-02	6.461E-01	1.565E-03	9.246E-18	8.487E-06	2.391E-05	8.335E-07	5.361E-10
9.000E+03	2.821E-02	6.435E-01	2.039E-03	2.952E-17	9.204E-06	2.024E-05	8.786E-07	5.040E-10
9.200E+03	3.368E-02	6.399E-01	2.630E-03	9.000E-17	9.899E-06	1.720E-05	9.241E-07	4.721E-10
9.400E+03	3.983E-02	6.356E-01	3.362E-03	2.628E-16	1.057E-05	1.447E-05	9.699E-07	4.408E-10
9.600E+03	4.670E-02	6.304E-01	4.260E-03	7.368E-16	1.120E-05	1.256E-05	1.016E-06	4.102E-10
9.800E+03	5.421E-02	6.245E-01	5.354E-03	1.989E-15	1.178E-05	1.078E-05	1.062E-06	3.804E-10
1.000E+04	6.265E-02	6.178E-01	6.676E-03	5.180E-15	1.231E-05	9.274E-06	1.107E-06	3.516E-10
1.020E+04	7.172E-02	6.102E-01	8.264E-03	1.305E-14	1.278E-05	7.997E-06	1.152E-06	3.237E-10
1.040E+04	8.152E-02	6.019E-01	1.016E-02	3.185E-14	1.318E-05	6.906E-06	1.194E-06	2.968E-10
1.060E+04	9.200E-02	5.927E-01	1.241E-02	7.548E-14	1.351E-05	5.972E-06	1.239E-06	2.709E-10
1.080E+04	1.031E-01	5.827E-01	1.504E-02	1.739E-13	1.375E-05	5.167E-06	1.281E-06	2.463E-10
1.100E+04	1.149E-01	5.718E-01	1.816E-02	3.903E-13	1.391E-05	4.473E-06	1.320E-06	2.228E-10
1.120E+04	1.271E-01	5.600E-01	2.178E-02	8.543E-13	1.399E-05	3.870E-06	1.357E-06	2.005E-10
1.140E+04	1.399E-01	5.474E-01	2.596E-02	1.825E-12	1.397E-05	3.347E-06	1.390E-06	1.795E-10
1.160E+04	1.531E-01	5.338E-01	3.077E-02	3.810E-12	1.387E-05	2.891E-06	1.419E-06	1.598E-10
1.180E+04	1.666E-01	5.193E-01	3.624E-02	7.780E-12	1.369E-05	2.493E-06	1.443E-06	1.415E-10
1.200E+04	1.804E-01	5.039E-01	4.247E-02	1.555E-11	1.343E-05	2.145E-06	1.460E-06	1.245E-10
1.220E+04	1.945E-01	4.875E-01	4.944E-02	3.042E-11	1.310E-05	1.841E-06	1.470E-06	1.088E-10
1.240E+04	2.087E-01	4.703E-01	5.721E-02	5.830E-11	1.270E-05	1.574E-06	1.472E-06	9.447E-11
1.260E+04	2.231E-01	4.521E-01	6.577E-02	1.095E-10	1.223E-05	1.340E-06	1.463E-06	8.144E-11
1.280E+04	2.376E-01	4.331E-01	7.511E-02	2.017E-10	1.171E-05	1.136E-06	1.448E-06	6.969E-11
1.300E+04	2.521E-01	4.134E-01	8.521E-02	3.643E-10	1.115E-05	9.580E-07	1.420E-06	5.916E-11
1.320E+04	2.666E-01	3.929E-01	9.599E-02	6.456E-10	1.055E-05	8.031E-07	1.382E-06	4.980E-11
1.340E+04	2.810E-01	3.719E-01	1.074E-01	1.123E-09	9.913E-06	6.690E-07	1.333E-06	4.156E-11
1.360E+04	2.952E-01	3.505E-01	1.193E-01	1.919E-09	9.259E-06	5.535E-07	1.276E-06	3.438E-11
1.380E+04	3.093E-01	3.289E-01	1.316E-01	3.221E-09	8.593E-06	4.547E-07	1.209E-06	2.817E-11
1.400E+04	3.231E-01	3.071E-01	1.442E-01	5.316E-09	7.923E-06	3.708E-07	1.136E-06	2.286E-11
1.420E+04	3.365E-01	2.855E-01	1.569E-01	8.630E-09	7.258E-06	3.001E-07	1.058E-06	1.838E-11
1.440E+04	3.495E-01	2.641E-01	1.695E-01	1.379E-08	6.606E-06	2.411E-07	9.759E-07	1.463E-11
1.460E+04	3.620E-01	2.433E-01	1.920E-01	2.171E-08	5.974E-06	1.922E-07	8.924E-07	1.154E-11
1.480E+04	3.739E-01	2.231E-01	1.943E-01	3.368E-08	5.369E-06	1.521E-07	8.090E-07	9.013E-12
1.500E+04	3.853E-01	2.037E-01	2.061E-01	5.153E-08	4.797E-06	1.196E-07	7.275E-07	6.979E-12
1.520E+04	3.959E-01	1.853E-01	2.174E-01	7.781E-08	4.262E-06	9.339E-08	6.491E-07	5.358E-12
1.540E+04	4.059E-01	1.679E-01	2.281E-01	1.160E-07	3.766E-06	7.249E-08	5.751E-07	4.082E-12
1.560E+04	4.152E-01	1.517E-01	2.382E-01	1.709E-07	3.312E-06	5.596E-08	5.061E-07	3.087E-12
1.580E+04	4.237E-01	1.366E-01	2.476E-01	2.490E-07	2.900E-06	4.299E-08	4.428E-07	2.320E-12
1.600E+04	4.316E-01	1.226E-01	2.563E-01	3.588E-07	2.529E-06	3.289E-08	3.854E-07	1.754E-12
1.620E+04	4.387E-01	1.099E-01	2.643E-01	5.116E-07	2.197E-06	2.508E-08	3.339E-07	1.290E-12
1.640E+04	4.452E-01	9.829E-02	2.716E-01	7.226E-07	1.904E-06	1.908E-08	2.881E-07	9.557E-13
1.660E+04	4.511E-01	8.777E-02	2.782E-01	1.011E-06	1.646E-06	1.448E-08	2.478E-07	7.059E-13
1.680E+04	4.564E-01	7.830E-02	2.841E-01	1.402E-06	1.420E-06	1.098E-08	2.126E-07	5.203E-13
1.700E+04	4.611E-01	6.979E-02	2.895E-01	1.928E-06	1.223E-06	8.315E-09	1.820E-07	3.829E-13
1.720E+04	4.657E-01	6.218E-02	2.943E-01	2.630E-06	1.052E-06	6.299E-09	1.556E-07	2.816E-13
1.740E+04	4.691E-01	5.538E-02	2.985E-01	3.560E-06	9.049E-07	4.774E-09	1.329E-07	2.071E-13
1.760E+04	4.725E-01	4.934E-02	3.023E-01	4.784E-06	7.779E-07	3.622E-09	1.134E-07	1.524E-13
1.780E+04	4.755E-01	4.396E-02	3.057E-01	6.383E-06	6.688E-07	2.751E-09	9.677E-08	1.122E-13
1.800E+04	4.782E-01	3.920E-02	3.087E-01	8.460E-06	5.751E-07	2.094E-09	8.259E-08	8.277E-14
1.820E+04	4.806E-01	3.497E-02	3.113E-01	1.114E-05	4.948E-07	1.597E-09	7.052E-08	6.116E-14
1.840E+04	4.827E-01	3.122E-02	3.136E-01	1.458E-05	4.261E-07	1.221E-09	6.026E-08	4.530E-14
1.860E+04	4.846E-01	2.791E-02	3.157E-01	1.897E-05	3.672E-07	9.356E-10	5.155E-08	3.363E-14
1.880E+04	4.863E-01	2.497E-02	3.174E-01	2.453E-05	3.168E-07	7.191E-10	4.414E-08	2.504E-14
1.900E+04	4.879E-01	2.237E-02	3.190E-01	3.156E-05	2.737E-07	5.543E-10	3.784E-08	1.870E-14
1.920E+04	4.893E-01	2.006E-02	3.204E-01	4.037E-05	2.368E-07	4.285E-10	3.249E-08	1.401E-14
1.940E+04	4.906E-01	1.802E-02	3.216E-01	5.139E-05	2.051E-07	3.324E-10	2.794E-08	1.053E-14
1.960E+04	4.917E-01	1.620E-02	3.224E-01	6.508E-05	1.780E-07	2.586E-10	2.407E-08	7.938E-15
1.980E+04	4.928E-01	1.469E-02	3.234E-01	8.202E-05	1.547E-07	2.019E-10	2.076E-08	6.006E-15
2.000E+04	4.939E-01	1.316E-02	3.242E-01	1.029E-04	1.346E-07	1.581E-10	1.794E-08	4.560E-15
2.020E+04	4.948E-01	1.188E-02	3.248E-01	1.295E-04	1.174E-07	1.242E-10	1.553E-08	3.475E-15
2.040E+04	4.958E-01	1.074E-02	3.253E-01	1.597E-04	1.025E-07	9.793E-11	1.346E-08	2.657E-15
2.060E+04	4.967E-01	9.730E-03	3.256E-01	1.976E-04	8.968E-08	7.745E-11	1.169E-08	2.039E-15
2.080E+04	4.976E-01	8.824E-03	3.259E-01	2.436E-04	7.859E-08	6.146E-11	1.017E-08	1.570E-15
2.100E+04	4.984E-01	8.014E-03	3.261E-01	2.990E-04	6.899E-08	4.892E-11	8.867E-09	1.213E-15
2.120E+04	4.994E-01	7.288E-03	3.261E-01	3.654E-04	6.067E-08	3.906E-11	7.740E-09	9.410E-16
2.140E+04	5.003E-01	6.638E-03	3.261E-01	4.449E-04	5.344E-08	3.129E-11	6.767E-09	7.323E-16
2.160E+04	5.013E-01	6.063E-03	3.259E-01	5.396E-04	4.716E-08	2.514E-11	5.926E-09	5.718E-16
2.180E+04	5.023E-01	5.528E-03	3.256E-01	6.519E-04	4.168E-08	2.026E-11	5.197E-09	4.480E-16
2.200E+04	5.033E-01	5.044E-03	3.253E-01	7.846E-04	3.690E-08	1.637E-11	4.565E-09	3.522E-16
2.220E+04	5.043E-01	4.627E-03	3.248E-01	9.408E-04	3.273E-08	1.327E-11	4.015E-09	2.777E-16
2.240E+04	5.057E-01	4.242E-03	3.242E-01	1.124E-03	2.907E-08	1.078E-11	3.536E-09	2.197E-16
2.260E+04	5.069E-01	3.893E-03	3.235E-01	1.338E-03	2.586E-08	8.787E-12	3.118E-09	1.744E-16
2.280E+04	5.083E-01	3.577E-03	3.226E-01	1.587E-03	2.305E-08	7.179E-12	2.753E-09	1.388E-16
2.300E+04	5.098E-01	3.291E-03	3.217E-01	1.877E-03	2.057E-08	5.880E-12	2.434E-09	1.108E-16
2.320E+04	5.113E-01	3.031E-03	3.206E-01	2.211E-03	1.839E-08	4.827E-12	2.154E-09	8.870E-17
2.340E+04	5.129E-01	2.794E-03	3.193E-01	2.596E-03	1.646E-08	3.972E-12	1.908E-09	7.121E-17
2.360E+04	5.147E-01	2.579E-03	3.179E-01	3.038E-03	1.475E-08	3.276E-12	1.691E-09	5.732E-17
2.380E+04	5.165E-01	2.382E-03	3.164E-01	3.543E-03	1.324E-08	2.707E-12	1.501E-09	4.625E-17
2.400E+04	5.184E-01	2.202E-03	3.147E-01	4.119E-03	1.190E-08	2.242E-12	1.333E-09	3.741E-17
2.420E+04	5.205E-01	2.038E-03	3.129E-01	4.774E-03	1.070E-08	1.860E-12	1.184E-09	3.033E-17
2.440E+04	5.226E-01	1.887E-03	3.109E-01	5.515E-03	9.642E-09	1.546E-12	1.053E-09	2.464E-17
2.460E+04	5.248E-01	1.749E-03	3.087E-01	6.351E-03	8.695E-09	1.286E-12	9.363E-10	2.006E-17
2.480E+04	5.271E-01	1.622E-03	3.064E-01	7.292E-03	7.848E-09	1.072E-12	8.331E-10	1.636E-17
2.500E+04	5.295E-01	1.505E-03	3.038E-01	8.347E-03	7.090E-09	8.951E-13	7.415E-10	1.336E-17

Table II. - Continued.

C	C+	C++	C-	CU	CU+	CC2	C2	T
2.94E-01	1.460E-02	2.626E-12	2.260E-06	2.104E-02	7.498E-05	2.736E-07	6.943E-05	8.400E+03
2.992E-01	1.795E-02	6.074E-12	2.512E-06	1.442E-02	7.452E-05	1.574E-07	5.632E-05	8.600E+03
2.970E-01	2.178E-02	1.353E-11	2.750E-06	9.962E-03	6.932E-05	9.179E-08	4.546E-05	8.800E+03
2.931E-01	2.612E-02	2.908E-11	3.008E-06	6.941E-03	6.442E-05	5.429E-08	3.657E-05	9.000E+03
2.878E-01	3.100E-02	6.050E-11	3.106E-06	4.876E-03	5.982E-05	3.255E-08	2.936E-05	9.200E+03
2.812E-01	3.643E-02	1.224E-10	3.334E-06	3.433E-03	5.550E-05	1.577E-08	2.353E-05	9.400E+03
2.731E-01	4.241E-02	2.391E-10	3.485E-06	2.463E-03	5.165E-05	1.215E-08	1.882E-05	9.600E+03
2.651E-01	4.892E-02	4.557E-10	3.599E-06	1.768E-03	4.764E-05	7.546E-09	1.501E-05	9.800E+03
2.566E-01	5.594E-02	6.465E-10	3.680E-06	1.270E-03	4.405E-05	4.731E-09	1.194E-05	1.000E+04
2.453E-01	6.343E-02	1.534E-09	3.724E-06	9.256E-04	4.066E-05	2.990E-09	9.467E-06	1.020E+04
2.343E-01	7.133E-02	2.717E-09	3.731E-06	6.740E-04	3.745E-05	1.903E-09	7.472E-06	1.040E+04
2.227E-01	7.957E-02	4.707E-09	3.701E-06	4.924E-04	3.441E-05	1.218E-09	5.869E-06	1.060E+04
2.106E-01	8.800E-02	7.984E-09	3.635E-06	3.600E-04	3.153E-05	7.831E-10	4.585E-06	1.080E+04
1.986E-01	9.660E-02	1.327E-08	3.535E-06	2.645E-04	2.879E-05	5.054E-10	3.561E-06	1.100E+04
1.855E-01	1.053E-01	2.164E-08	3.404E-06	1.943E-04	2.620E-05	3.270E-10	2.748E-06	1.120E+04
1.727E-01	1.133E-01	3.465E-08	3.247E-06	1.428E-04	2.375E-05	2.120E-10	2.108E-06	1.140E+04
1.599E-01	1.223E-01	5.449E-08	3.069E-06	1.050E-04	2.144E-05	1.375E-10	1.606E-06	1.160E+04
1.474E-01	1.303E-01	8.424E-08	2.875E-06	7.712E-05	1.927E-05	8.923E-11	1.216E-06	1.180E+04
1.352E-01	1.380E-01	1.261E-07	2.670E-06	5.663E-05	1.723E-05	5.786E-11	9.144E-07	1.200E+04
1.234E-01	1.451E-01	1.918E-07	2.460E-06	4.155E-05	1.534E-05	3.748E-11	6.837E-07	1.220E+04
1.122E-01	1.515E-01	2.825E-07	2.250E-06	3.045E-05	1.359E-05	2.423E-11	5.083E-07	1.240E+04
1.016E-01	1.574E-01	4.113E-07	2.044E-06	2.228E-05	1.197E-05	1.562E-11	3.760E-07	1.260E+04
9.163E-02	1.625E-01	5.837E-07	1.845E-06	1.628E-05	1.049E-05	1.004E-11	2.769E-07	1.280E+04
8.240E-02	1.669E-01	8.346E-07	1.656E-06	1.168E-05	9.145E-06	6.436E-12	2.031E-07	1.300E+04
7.389E-02	1.706E-01	1.167E-06	1.479E-06	8.651E-06	7.930E-06	4.108E-12	1.484E-07	1.320E+04
6.609E-02	1.736E-01	1.612E-06	1.314E-06	6.269E-06	6.840E-06	2.611E-12	1.082E-07	1.340E+04
5.898E-02	1.759E-01	2.204E-06	1.163E-06	4.565E-06	5.870E-06	1.652E-12	7.872E-08	1.360E+04
5.255E-02	1.777E-01	2.983E-06	1.025E-06	3.307E-06	5.013E-06	1.040E-12	5.717E-08	1.380E+04
4.675E-02	1.791E-01	4.001E-06	9.000E-07	2.392E-06	4.260E-06	6.520E-13	4.148E-08	1.400E+04
4.154E-02	1.796E-01	5.320E-06	7.879E-07	1.727E-06	3.604E-06	4.066E-13	3.008E-08	1.420E+04
3.688E-02	1.799E-01	7.019E-06	6.877E-07	1.245E-06	3.036E-06	2.524E-13	2.181E-08	1.440E+04
3.273E-02	1.799E-01	9.196E-06	5.987E-07	8.964E-07	2.543E-06	1.554E-13	1.582E-08	1.460E+04
2.903E-02	1.796E-01	1.157E-05	5.201E-07	6.446E-07	2.131E-06	5.553E-14	1.145E-08	1.480E+04
2.576E-02	1.791E-01	1.549E-05	4.506E-07	4.635E-07	1.777E-06	5.879E-14	8.353E-09	1.500E+04
2.285E-02	1.785E-01	1.943E-05	3.902E-07	3.330E-07	1.477E-06	3.592E-14	6.085E-09	1.520E+04
2.029E-02	1.777E-01	2.552E-05	3.372E-07	2.343E-07	1.226E-06	2.188E-14	4.442E-09	1.540E+04
1.802E-02	1.769E-01	3.252E-05	2.911E-07	1.720E-07	1.015E-06	1.331E-14	3.251E-09	1.560E+04
1.603E-02	1.760E-01	4.126E-05	2.512E-07	1.237E-07	8.394E-07	8.083E-15	2.387E-09	1.580E+04
1.427E-02	1.752E-01	5.217E-05	2.166E-07	9.914E-08	6.943E-07	4.907E-15	1.758E-09	1.600E+04
1.272E-02	1.743E-01	6.569E-05	1.867E-07	6.432E-08	5.737E-07	2.980E-15	1.259E-09	1.620E+04
1.135E-02	1.735E-01	8.240E-05	1.610E-07	4.652E-08	4.740E-07	1.812E-15	9.635E-10	1.640E+04
1.015E-02	1.727E-01	1.030E-04	1.389E-07	3.372E-08	3.918E-07	1.104E-15	7.175E-10	1.660E+04
9.066E-03	1.720E-01	1.283E-04	1.199E-07	2.452E-08	3.241E-07	6.739E-16	5.365E-10	1.680E+04
8.150E-03	1.713E-01	1.592E-04	1.035E-07	1.788E-08	2.684E-07	4.128E-16	4.028E-10	1.700E+04
7.323E-03	1.707E-01	1.970E-04	8.952E-08	1.309E-08	2.225E-07	2.538E-16	3.037E-10	1.720E+04
6.592E-03	1.701E-01	2.426E-04	7.747E-08	9.612E-09	1.847E-07	1.567E-16	2.249E-10	1.740E+04
5.944E-03	1.696E-01	2.943E-04	6.713E-08	7.087E-09	1.536E-07	9.719E-17	1.748E-10	1.760E+04
5.370E-03	1.691E-01	3.653E-04	5.824E-08	5.247E-09	1.280E-07	6.058E-17	1.335E-10	1.780E+04
4.800E-03	1.686E-01	4.458E-04	5.060E-08	3.900E-09	1.069E-07	3.796E-17	1.023E-10	1.800E+04
4.406E-03	1.682E-01	5.422E-04	4.403E-08	2.912E-09	8.938E-08	2.392E-17	7.876E-11	1.820E+04
4.002E-03	1.678E-01	6.573E-04	3.836E-08	2.183E-09	7.491E-08	1.514E-17	6.087E-11	1.840E+04
3.641E-03	1.674E-01	7.941E-04	3.348E-08	1.643E-09	6.292E-08	9.664E-18	4.723E-11	1.860E+04
3.318E-03	1.669E-01	9.562E-04	2.926E-08	1.242E-09	5.297E-08	6.147E-18	3.678E-11	1.88E+04
3.029E-03	1.665E-01	1.148E-03	2.561E-08	9.434E-10	4.468E-08	3.956E-18	2.875E-11	1.900E+04
2.769E-03	1.661E-01	1.373E-03	2.245E-08	7.194E-10	3.777E-08	2.595E-18	2.255E-11	1.920E+04
2.536E-03	1.656E-01	1.637E-03	1.971E-08	5.508E-10	3.199E-08	1.694E-18	1.775E-11	1.940E+04
2.326E-03	1.651E-01	1.945E-03	1.732E-08	4.234E-10	2.716E-08	1.113E-18	1.402E-11	1.960E+04
2.136E-03	1.646E-01	2.303E-03	1.525E-08	3.268E-10	2.310E-08	7.350E-19	1.110E-11	1.980E+04
1.964E-03	1.640E-01	2.719E-03	1.344E-08	2.532E-10	1.968E-08	4.684E-19	8.817E-12	2.000E+04
1.808E-03	1.634E-01	3.179E-03	1.187E-08	1.969E-10	1.680E-08	3.264E-19	7.022E-12	2.020E+04
1.666E-03	1.627E-01	3.751E-03	1.049E-08	1.537E-10	1.437E-08	2.193E-19	5.607E-12	2.040E+04
1.537E-03	1.621E-01	4.384E-03	9.279E-09	1.204E-10	1.231E-08	1.482E-19	4.487E-12	2.060E+04
1.420E-03	1.615E-01	5.105E-03	8.214E-09	9.457E-11	1.056E-08	1.006E-19	3.599E-12	2.080E+04
1.312E-03	1.599E-01	5.920E-03	7.287E-09	7.455E-11	9.067E-09	6.868E-20	2.892E-12	2.100E+04
1.214E-03	1.586E-01	6.854E-03	6.467E-09	5.894E-11	7.799E-09	4.711E-20	2.328E-12	2.120E+04
1.123E-03	1.575E-01	7.900E-03	5.744E-09	4.674E-11	6.715E-09	3.246E-20	1.876E-12	2.140E+04
1.040E-03	1.561E-01	9.073E-03	5.105E-09	3.715E-11	5.788E-09	2.247E-20	1.514E-12	2.160E+04
9.634E-04	1.546E-01	1.038E-02	4.540E-09	2.961E-11	4.993E-09	1.562E-20	1.223E-12	2.180E+04
8.926E-04	1.528E-01	1.184E-02	4.040E-09	2.365E-11	4.310E-09	1.090E-20	9.885E-13	2.200E+04
8.272E-04	1.509E-01	1.345E-02	3.596E-09	1.893E-11	3.722E-09	7.641E-21	7.993E-13	2.220E+04
7.664E-04	1.488E-01	1.521E-02	3.202E-09	1.519E-11	3.216E-09	5.373E-21	6.465E-13	2.240E+04
7.101E-04	1.465E-01	1.715E-02	2.851E-09	1.220E-11	2.779E-09	3.791E-21	5.228E-13	2.260E+04
6.577E-04	1.440E-01	1.925E-02	2.539E-09	9.818E-12	2.401E-09	2.683E-21	4.227E-13	2.280E+04
6.089E-04	1.413E-01	2.153E-02	2.261E-09	7.910E-12	2.075E-09	1.905E-21	3.415E-13	2.300E+04
5.634E-04	1.384E-01	2.377E-02	2.013E-09	5.381E-12	1.742E-09	1.356E-21	2.756E-13	2.320E+04
5.210E-04	1.352E-01	2.659E-02	1.791E-09	3.512E-12	1.547E-09	9.672E-22	2.223E-13	2.340E+04
4.814E-04	1.319E-01	2.946E-02	1.593E-09	4.163E-12	1.335E-09	6.915E-22	1.790E-13	2.360E+04
4.445E-04	1.284E-01	3.224E-02	1.417E-09	3.366E-12	1.151E-09	4.954E-22	1.439E-13	2.380E+04
4.099E-04	1.247E-01	3.537E-02	1.259E-09	2.723E-12	9.917E-10	3.555E-22	1.155E-13	2.400E+04
3.776E-04	1.209E-01	3.887E-02	1.118E-09	2.203E-12	8.535E-10	2.555E-22	9.250E-14	2.420E+04
3.475E-04	1.169E-01	4.189E-02	9.916E-10	1.783E-12	7.338E-10	1.839E-22	7.394E-14	2.440E+04
3.194E-04	1.128E-01	4.530E-02	8.789E-10	1.443E-12	6.300E-10	1.324E-22	5.894E-14	2.460E+04
2.932E-04	1.086E-01	4.875E-02	7.783E-10	1.167E-12	5.403E-10	9.550E-23	4.694E-14	2.480E+04
2.688E-04	1.043E-01	5.234E-02	6.865E-10	9.443E-13	4.627E-10	6.890E-23	3.727E-14	2.500E+04

Table II. - Continued.

P/PO = 7.00E-01

T	E-	D	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	8.947E-68	0.	0.	0.	4.970E-11	1.760E-18	0.
3.000E+02	0.	4.324E-46	3.703E-80	0.	0.	5.785E-11	1.760E-18	0.
4.000E+02	0.	2.857E-35	1.014E-62	0.	0.	4.860E-11	1.760E-18	0.
5.000E+02	0.	9.629E-29	2.926E-52	0.	0.	4.747E-11	1.760E-18	0.
6.000E+02	0.	2.275E-24	2.744E-45	0.	0.	4.972E-11	1.760E-18	3.732E-96
7.000E+02	6.822E-79	3.064E-21	2.674E-40	0.	4.646E-90	5.085E-11	1.760E-18	7.197E-83
8.000E+02	5.305E-67	1.927E-18	5.320E-37	0.	7.691E-77	4.066E-10	1.760E-18	4.098E-71
9.000E+02	4.186E-57	6.053E-16	9.504E-35	0.	1.323E-65	8.832E-09	1.760E-18	1.059E-60
1.000E+03	3.754E-49	6.217E-14	5.894E-33	0.	1.401E-56	1.094E-07	1.760E-18	2.521E-52
1.100E+03	1.232E-42	2.781E-12	1.714E-31	0.	3.402E-49	8.573E-07	1.760E-18	1.800E-45
1.200E+03	3.361E-37	0.527E-11	2.914E-30	0.	4.849E-43	4.757E-06	1.760E-18	9.222E-40
1.300E+03	1.363E-32	9.498E-10	3.110E-29	0.	7.768E-38	2.024E-05	1.760E-18	6.225E-35
1.400E+03	1.223E-28	9.437E-09	2.487E-28	0.	2.261E-33	6.986E-05	1.760E-18	8.549E-31
1.500E+03	3.298E-25	6.908E-08	1.478E-27	0.	1.662E-29	2.041E-04	1.760E-18	3.283E-27
1.600E+03	3.338E-22	3.944E-07	7.023E-27	0.	4.009E-26	5.203E-04	1.760E-18	4.476E-24
1.700E+03	1.395E-19	1.834E-06	3.032E-26	0.	3.571E-23	1.186E-03	1.900E-18	2.406E-21
1.800E+03	6.913E-18	7.188E-06	4.815E-25	0.	3.438E-21	2.489E-03	8.819E-18	1.475E-19
1.900E+03	8.709E-17	2.487E-05	1.500E-23	0.	7.779E-20	4.704E-03	9.114E-17	2.224E-18
2.000E+03	7.844E-16	7.209E-05	3.616E-22	0.	1.177E-18	8.394E-03	8.106E-16	2.328E-17
2.100E+03	5.688E-15	1.964E-04	6.505E-21	2.697E-88	1.353E-17	1.408E-02	5.893E-15	1.910E-16
2.200E+03	3.435E-14	4.811E-04	9.037E-20	4.710E-84	1.231E-16	2.234E-02	3.574E-14	1.272E-15
2.300E+03	1.768E-13	1.084E-03	1.002E-18	3.559E-80	9.112E-16	3.366E-02	1.848E-13	7.044E-15
2.400E+03	7.902E-13	2.289E-03	9.112E-18	1.293E-76	5.619E-15	4.834E-02	8.286E-13	3.304E-14
2.500E+03	3.112E-12	4.489E-03	6.963E-17	2.469E-73	2.939E-14	6.627E-02	3.273E-12	1.331E-13
2.600E+03	1.094E-11	8.183E-03	4.559E-16	2.678E-70	1.324E-13	8.687E-02	1.153E-11	4.665E-13
2.700E+03	3.469E-11	1.418E-02	2.602E-15	1.756E-67	5.203E-13	1.090E-01	3.661E-11	1.435E-12
2.800E+03	1.001E-10	2.337E-02	1.313E-14	7.365E-65	1.802E-12	1.309E-01	1.057E-10	3.905E-12
2.900E+03	2.652E-10	3.667E-02	5.936E-14	2.071E-62	5.555E-12	1.507E-01	2.797E-10	9.469E-12
3.000E+03	6.486E-10	5.492E-02	2.429E-13	4.081E-60	1.536E-11	1.663E-01	6.827E-10	2.059E-11
3.100E+03	1.474E-09	7.876E-02	9.087E-13	5.826E-58	3.837E-11	1.761E-01	1.547E-09	4.035E-11
3.200E+03	3.129E-09	1.004E-01	3.133E-12	6.225E-56	8.714E-11	1.790E-01	3.271E-09	7.166E-11
3.300E+03	6.233E-09	1.435E-01	1.003E-11	5.118E-54	1.810E-10	1.749E-01	6.484E-09	1.158E-10
3.400E+03	1.170E-08	1.882E-01	2.999E-11	3.317E-52	3.455E-10	1.641E-01	1.210E-08	1.710E-10
3.500E+03	2.079E-08	2.287E-01	8.427E-11	1.731E-50	6.090E-10	1.482E-01	2.133E-08	2.317E-10
3.600E+03	3.508E-08	2.690E-01	2.236E-10	7.408E-49	9.963E-10	1.289E-01	3.563E-08	2.893E-10
3.700E+03	5.645E-08	3.107E-01	5.622E-10	2.641E-47	1.521E-09	1.081E-01	5.659E-08	3.347E-10
3.800E+03	8.709E-08	3.490E-01	1.345E-09	7.935E-46	2.183E-09	8.783E-02	8.576E-08	3.617E-10
3.900E+03	1.295E-07	3.822E-01	3.066E-09	2.029E-44	2.968E-09	6.941E-02	1.244E-07	687E-10
4.000E+03	1.869E-07	4.078E-01	6.674E-09	4.442E-43	3.862E-09	5.366E-02	1.732E-07	3.589E-10
4.100E+03	2.636E-07	4.319E-01	1.389E-08	8.353E-42	4.860E-09	4.085E-02	2.323E-07	3.379E-10
4.200E+03	3.661E-07	4.489E-01	2.760E-08	1.354E-40	5.979E-09	3.081E-02	3.005E-07	3.118E-10
4.300E+03	5.041E-07	4.618E-01	5.242E-08	1.890E-39	7.261E-09	2.314E-02	3.754E-07	2.854E-10
4.400E+03	6.921E-07	4.714E-01	9.506E-08	2.279E-38	8.773E-09	1.738E-02	4.535E-07	2.617E-10
4.500E+03	9.514E-07	4.785E-01	1.648E-07	2.379E-37	1.061E-08	1.310E-02	5.305E-07	2.420E-10
4.600E+03	1.312E-06	4.837E-01	2.735E-07	2.165E-36	1.289E-08	9.923E-03	6.024E-07	2.266E-10
4.700E+03	1.817E-06	4.876E-01	4.360E-07	1.732E-35	1.574E-08	7.571E-03	6.659E-07	2.153E-10
4.800E+03	2.522E-06	4.905E-01	6.704E-07	1.231E-34	1.932E-08	5.821E-03	7.194E-07	2.073E-10
4.900E+03	3.503E-06	4.927E-01	9.983E-07	7.853E-34	2.380E-08	4.512E-03	7.626E-07	2.020E-10
5.000E+03	4.861E-06	4.943E-01	1.445E-06	4.545E-33	2.937E-08	3.527E-03	7.958E-07	1.990E-10
5.100E+03	6.733E-06	4.956E-01	2.041E-06	2.406E-32	3.627E-08	2.780E-03	8.198E-07	1.979E-10
5.200E+03	9.301E-06	4.966E-01	2.818E-06	1.173E-31	4.481E-08	2.209E-03	8.352E-07	1.984E-10
5.300E+03	1.281E-05	4.974E-01	3.809E-06	5.295E-31	5.538E-08	1.770E-03	8.424E-07	2.005E-10
5.400E+03	1.761E-05	4.982E-01	5.048E-06	2.221E-30	6.849E-08	1.429E-03	8.417E-07	2.043E-10
5.500E+03	2.417E-05	4.989E-01	6.560E-06	8.683E-30	8.481E-08	1.163E-03	8.333E-07	2.099E-10
5.600E+03	3.313E-05	4.997E-01	8.367E-06	3.172E-29	1.052E-07	9.539E-04	8.175E-07	2.177E-10
5.700E+03	4.542E-05	5.006E-01	1.048E-05	1.085E-28	1.310E-07	7.882E-04	7.949E-07	2.279E-10
5.800E+03	6.225E-05	5.018E-01	1.290E-05	3.491E-28	1.635E-07	6.563E-04	7.667E-07	2.409E-10
5.900E+03	8.529E-05	5.033E-01	1.563E-05	1.060E-27	2.046E-07	5.507E-04	7.343E-07	2.570E-10
6.000E+03	1.167E-04	5.053E-01	1.867E-05	3.050E-27	2.566E-07	4.657E-04	6.996E-07	2.765E-10
6.100E+03	1.593E-04	5.079E-01	2.205E-05	8.372E-27	3.221E-07	3.971E-04	6.648E-07	2.997E-10
6.200E+03	2.165E-04	5.114E-01	2.582E-05	2.206E-26	4.041E-07	3.415E-04	6.315E-07	3.268E-10
6.300E+03	2.924E-04	5.157E-01	3.005E-05	5.614E-26	5.058E-07	2.962E-04	6.015E-07	3.579E-10
6.400E+03	3.917E-04	5.212E-01	3.487E-05	1.389E-25	6.304E-07	2.593E-04	5.760E-07	3.928E-10
6.500E+03	5.196E-04	5.277E-01	4.043E-05	3.360E-25	7.811E-07	2.289E-04	5.557E-07	4.314E-10
6.600E+03	6.814E-04	5.355E-01	4.693E-05	7.983E-25	9.606E-07	2.039E-04	5.409E-07	4.730E-10
6.700E+03	8.831E-04	5.442E-01	5.462E-05	1.870E-24	1.171E-06	1.829E-04	5.318E-07	5.171E-10
6.800E+03	1.129E-03	5.538E-01	6.376E-05	4.332E-24	1.413E-06	1.653E-04	5.279E-07	5.624E-10
6.900E+03	1.425E-03	5.640E-01	7.469E-05	9.935E-24	1.687E-06	1.501E-04	5.290E-07	6.076E-10
7.000E+03	1.775E-03	5.744E-01	8.777E-05	2.258E-23	1.991E-06	1.369E-04	5.343E-07	6.513E-10
7.100E+03	2.184E-03	5.848E-01	1.034E-04	5.085E-23	2.322E-06	1.251E-04	5.435E-07	6.920E-10
7.200E+03	2.653E-03	5.947E-01	1.220E-04	1.135E-22	2.676E-06	1.145E-04	5.557E-07	7.283E-10
7.300E+03	3.187E-03	6.040E-01	1.442E-04	2.506E-22	3.051E-06	1.049E-04	5.705E-07	7.590E-10
7.400E+03	3.789E-03	6.124E-01	1.704E-04	5.478E-22	3.440E-06	9.612E-05	5.873E-07	7.836E-10
7.500E+03	4.462E-03	6.199E-01	2.013E-04	1.184E-21	3.840E-06	8.800E-05	6.058E-07	8.018E-10
7.600E+03	5.210E-03	6.283E-01	2.376E-04	2.526E-21	4.248E-06	8.053E-05	6.254E-07	8.136E-10
7.700E+03	6.035E-03	6.318E-01	2.799E-04	5.323E-21	4.661E-06	7.364E-05	6.461E-07	8.198E-10
7.800E+03	6.943E-03	6.363E-01	3.292E-04	1.107E-20	5.076E-06	6.732E-05	6.674E-07	8.202E-10
7.900E+03	7.937E-03	6.399E-01	3.863E-04	2.271E-20	5.493E-06	6.152E-05	6.894E-07	8.163E-10
8.000E+03	9.023E-03	6.427E-01	4.523E-04	4.595E-20	5.909E-06	5.622E-05	7.118E-07	8.086E-10
8.200E+03	1.149E-02	6.464E-01	6.149E-04	1.804E-19	6.740E-06	4.700E-05	7.576E-07	7.845E-10

Table II. - Continued.

P/P0 = 7.00E-01

C	C+	C++	C-	CU	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
5.549E-78	1.000E-80	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
3.74E-65	4.150E-67	0.	0.	0.	0.	1.000E+00	1.036E-91	7.000E+02
1.130E-55	3.030E-59	0.	0.	0.	0.	1.000E+00	2.760E-78	8.000E+02
6.225E-49	2.144E-54	0.	0.	0.	0.	1.000E+00	4.113E-69	9.000E+02
1.462E-43	1.462E-50	0.	2.667E-87	2.187E-07	7.955E-28	1.000E+00	8.038E-62	1.000E+03
3.612E-39	2.016E-47	0.	4.549E-77	1.714E-06	6.348E-27	1.000E+00	7.404E-56	1.100E+03
1.615E-35	6.316E-45	0.	1.524E-68	9.514E-06	3.585E-26	1.000E+00	6.921E-51	1.200E+03
2.115E-34	1.363E-42	0.	2.507E-61	4.047E-05	1.552E-25	5.499E-01	1.113E-46	1.300E+03
9.644E-30	1.105E-40	0.	3.829E-55	1.397E-04	5.450E-25	9.948E-01	4.489E-43	1.400E+03
1.467E-27	4.943E-39	2.566E-95	8.750E-50	4.082E-04	1.620E-24	9.994E-01	5.987E-40	1.500E+03
2.027E-25	1.379E-37	1.093E-91	4.271E-45	1.041E-03	4.202E-24	9.984E-01	3.248E-37	1.600E+03
1.222E-24	2.814E-36	2.044E-88	5.412E-41	2.373E-03	1.053E-23	9.964E-01	8.398E-35	1.700E+03
4.177E-22	1.792E-34	3.129E-84	5.522E-38	4.925E-03	1.034E-22	9.926E-01	1.170E-32	1.800E+03
2.190E-20	1.934E-32	1.145E-79	1.034E-35	9.433E-03	2.089E-21	9.858E-01	9.644E-31	1.900E+03
2.293E-19	1.420E-30	1.910E-75	1.049E-33	1.686E-02	3.402E-20	9.747E-01	5.145E-29	2.000E+03
3.258E-18	7.075E-29	1.242E-71	6.757E-32	2.836E-02	4.281E-19	9.574E-01	1.865E-27	2.100E+03
3.626E-17	2.471E-27	3.686E-68	2.950E-30	4.516E-02	4.283E-18	9.320E-01	4.856E-26	2.200E+03
3.64E-16	6.391E-26	5.534E-65	9.167E-29	8.841E-02	3.500E-17	8.968E-01	9.459E-25	2.300E+03
2.418E-15	1.263E-24	4.585E-62	2.111E-27	9.894E-02	2.399E-16	8.505E-01	1.427E-23	2.400E+03
1.53E-14	1.985E-23	2.256E-59	3.724E-26	1.370E-01	1.404E-15	7.923E-01	1.715E-22	2.500E+03
4.424E-14	2.535E-22	7.019E-57	5.176E-25	1.819E-01	7.139E-15	7.231E-01	1.682E-21	2.600E+03
4.03E-13	2.694E-21	1.457E-54	5.804E-24	2.322E-01	3.201E-14	6.447E-01	1.376E-20	2.700E+03
1.714E-12	2.442E-20	2.116E-52	5.360E-23	2.852E-01	1.282E-13	5.605E-01	9.558E-20	2.800E+03
6.556E-12	1.924E-19	2.237E-50	4.153E-22	3.381E-01	4.642E-13	4.745E-01	5.737E-19	2.900E+03
2.282E-11	1.340E-18	1.786E-48	2.744E-21	3.876E-01	1.535E-12	3.912E-01	3.024E-18	3.000E+03
7.300E-11	4.332E-18	1.106E-46	1.570E-20	4.310E-01	4.686E-12	3.141E-01	1.421E-17	3.100E+03
2.169E-10	2.077E-17	5.535E-45	7.893E-20	4.665E-01	1.332E-11	2.460E-01	6.047E-17	3.200E+03
6.043E-10	2.447E-16	2.268E-43	3.530E-19	4.932E-01	3.562E-11	1.884E-01	2.363E-16	3.300E+03
1.593E-09	1.164E-15	7.841E-42	1.422E-18	5.114E-01	9.032E-11	1.413E-01	8.601E-16	3.400E+03
4.004E-09	5.394E-15	2.335E-40	5.220E-13	5.221E-01	2.189E-10	1.040E-01	2.955E-15	3.500E+03
9.673E-09	2.334E-14	6.065E-39	1.764E-17	5.267E-01	5.105E-10	7.550E-02	9.698E-15	3.600E+03
2.260E-08	9.665E-14	1.358E-37	5.546E-17	5.270E-01	1.152E-09	5.414E-02	3.071E-14	3.700E+03
5.134E-08	3.846E-13	2.878E-36	1.637E-16	5.247E-01	2.528E-09	3.852E-02	9.450E-14	3.800E+03
1.137E-07	1.474E-12	5.336E-35	4.575E-16	5.211E-01	5.398E-09	2.729E-02	2.839E-13	3.900E+03
2.460E-07	5.430E-12	6.913E-34	1.220E-15	5.172E-01	1.122E-08	1.933E-02	8.337E-13	4.000E+03
5.20E-7	1.917E-11	1.332E-32	3.124E-15	5.136E-01	2.266E-08	1.374E-02	2.391E-12	4.100E+03
1.074E-6	6.455E-11	1.773E-31	7.739E-15	5.105E-01	4.431E-08	9.819E-03	6.683E-12	4.200E+03
2.166E-6	2.064E-10	2.091E-30	1.866E-14	5.080E-01	8.362E-08	7.075E-03	1.816E-11	4.300E+03
4.263E-06	6.740E-10	2.175E-29	4.401E-14	5.061E-01	1.519E-07	5.147E-03	4.785E-11	4.400E+03
8.188E-06	1.781E-09	1.111E-28	1.019E-13	5.046E-01	2.651E-07	3.783E-03	1.222E-10	4.500E+03
1.536E-05	6.801E-09	1.14E-27	2.322E-13	5.035E-01	4.448E-07	2.810E-03	3.020E-10	4.600E+03
2.813E-05	1.24E-08	1.161E-26	5.207E-13	5.027E-01	7.186E-07	2.110E-03	7.230E-10	4.700E+03
5.036E-05	3.905E-08	7.482E-26	1.149E-12	5.020E-01	1.122E-06	1.602E-03	1.677E-09	4.800E+03
8.820E-05	6.848E-08	4.360E-25	2.491E-12	5.015E-01	1.697E-06	1.228E-03	3.769E-09	4.900E+03
1.513E-04	1.514E-07	5.318E-24	5.302E-12	5.011E-01	2.458E-06	9.512E-04	8.224E-09	5.000E+03
2.542E-04	5.216E-07	1.133E-23	1.107E-11	5.006E-01	3.587E-06	7.437E-04	1.743E-08	5.100E+03
4.190E-04	6.581E-07	5.118E-23	2.269E-11	5.002E-01	5.035E-06	5.867E-04	3.594E-08	5.200E+03
6.781E-04	1.300E-06	2.148E-22	4.567E-11	4.996E-01	6.917E-06	4.664E-04	7.214E-08	5.300E+03
1.078E-03	2.462E-06	6.401E-22	4.032E-11	4.989E-01	9.308E-06	3.745E-04	1.411E-07	5.400E+03
1.684E-03	4.584E-06	3.069E-21	1.758E-10	4.979E-01	1.227E-05	3.026E-04	2.690E-07	5.500E+03
2.568E-03	8.197E-06	1.049E-20	3.370E-10	4.964E-01	1.586E-05	2.463E-04	5.004E-07	5.600E+03
3.91E-03	1.421E-05	3.360E-20	6.366E-10	4.944E-01	2.008E-05	2.016E-04	9.079E-07	5.700E+03
5.814E-03	2.363E-05	1.011E-19	1.187E-09	4.914E-01	2.492E-05	1.660E-04	1.606E-06	5.800E+03
8.501E-03	3.781E-05	2.871E-19	2.178E-09	4.873E-01	3.033E-05	1.374E-04	2.770E-06	5.900E+03
1.222E-02	6.115E-05	7.601E-19	3.935E-09	4.816E-01	3.624E-05	1.141E-04	4.648E-06	6.000E+03
1.726E-02	9.431E-05	1.995E-18	6.980E-09	4.740E-01	4.256E-05	9.500E-05	7.579E-06	6.100E+03
2.392E-02	1.415E-04	7.71E-18	1.212E-08	4.639E-01	4.918E-05	7.924E-05	1.198E-05	6.200E+03
3.250E-02	2.063E-04	1.100E-17	2.055E-08	4.508E-01	5.599E-05	6.611E-05	1.831E-05	6.300E+03
4.325E-02	2.941E-04	2.455E-17	3.391E-08	4.345E-01	6.286E-05	5.507E-05	2.700E-05	6.400E+03
5.631E-02	4.091E-04	5.291E-17	5.428E-08	4.146E-01	6.966E-05	4.575E-05	3.831E-05	6.500E+03
7.165E-02	5.507E-04	1.105E-16	8.412E-08	3.912E-01	7.627E-05	3.782E-05	5.220E-05	6.600E+03
8.908E-02	7.37E-04	2.243E-16	1.260E-07	3.646E-01	8.251E-05	3.106E-05	6.825E-05	6.700E+03
1.082E-01	9.784E-04	4.438E-16	1.823E-07	3.354E-01	8.826E-05	2.534E-05	8.559E-05	6.800E+03
1.285E-01	1.259E-03	8.574E-16	2.549E-07	3.044E-01	9.335E-05	2.048E-05	1.030E-04	6.900E+03
1.493E-01	1.542E-03	1.621E-15	3.446E-07	2.724E-01	9.767E-05	1.635E-05	1.193E-04	7.000E+03
1.699E-01	1.911E-03	3.003E-15	4.512E-07	2.406E-01	1.011E-04	1.248E-05	1.331E-04	7.100E+03
1.891E-01	2.410E-03	5.459E-15	5.734E-07	2.099E-01	1.037E-04	1.018E-05	1.436E-04	7.200E+03
2.07E-01	2.91E-03	9.751E-15	7.02E-07	1.810E-01	1.053E-04	7.913E-06	1.502E-04	7.300E+03
2.233E-01	3.517E-03	1.713E-14	8.556E-07	1.545E-01	1.060E-04	6.095E-06	1.529E-04	7.400E+03
2.403E-01	4.159E-03	2.962E-14	1.010E-06	1.307E-01	1.060E-04	4.660E-06	1.521E-04	7.500E+03
2.533E-01	4.872E-03	5.045E-14	1.170E-06	1.094E-01	1.052E-04	3.542E-06	1.482E-04	7.600E+03
2.643E-01	5.657E-03	8.472E-14	1.332E-06	9.168E-02	1.038E-04	2.680E-06	1.421E-04	7.700E+03
2.734E-01	6.71E-03	1.403E-13	1.495E-06	7.623E-02	1.020E-04	2.021E-06	1.343E-04	7.800E+03
2.806E-01	7.97E-03	2.245E-13	1.656E-06	6.320E-02	9.978E-05	1.521E-06	1.255E-04	7.900E+03
2.867E-01	9.481E-03	3.707E-13	1.818E-06	5.230E-02	9.730E-05	1.145E-06	1.162E-04	8.000E+03
2.947E-01	1.080E-02	9.333E-13	2.132E-06	3.574E-02	9.186E-05	6.493E-07	9.762E-05	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.440E-02	6.400E-01	8.270E-04	6.705E-19	7.566E-06	3.939E-03	8.045E-07	7.527E-10
8.600E+03	1.779E-02	6.481E-01	1.100E-03	2.362E-18	8.385E-06	3.312E-03	8.522E-07	7.165E-10
8.800E+03	2.171E-02	6.468E-01	1.447E-03	7.905E-18	9.193E-06	2.796E-03	9.005E-07	6.782E-10
9.000E+03	2.620E-02	6.446E-01	1.885E-03	2.520E-17	9.987E-06	2.369E-03	9.495E-07	6.391E-10
9.200E+03	3.131E-02	6.414E-01	2.431E-03	7.670E-17	1.076E-05	2.016E-03	9.988E-07	6.001E-10
9.400E+03	3.707E-02	6.374E-01	3.106E-03	2.236E-16	1.150E-05	1.722E-03	1.049E-06	5.616E-10
9.600E+03	4.351E-02	6.327E-01	3.934E-03	6.260E-16	1.221E-05	1.476E-03	1.098E-06	5.240E-10
9.800E+03	5.065E-02	6.272E-01	4.942E-03	1.687E-15	1.287E-05	1.268E-03	1.148E-06	4.872E-10
1.000E+04	5.81E-02	6.210E-01	6.159E-03	4.386E-15	1.348E-05	1.093E-03	1.198E-06	4.515E-10
1.020E+04	6.707E-02	6.189E-01	7.620E-03	1.103E-14	1.403E-05	9.442E-04	1.247E-06	4.170E-10
1.040E+04	7.634E-02	6.061E-01	9.363E-03	2.686E-14	1.450E-05	8.170E-04	1.295E-06	3.836E-10
1.060E+04	8.630E-02	5.975E-01	1.143E-02	6.352E-14	1.490E-05	7.079E-04	1.343E-06	3.515E-10
1.080E+04	9.690E-02	5.880E-01	1.386E-02	1.461E-13	1.521E-05	6.139E-04	1.388E-06	3.207E-10
1.100E+04	1.091E-01	5.777E-01	1.671E-02	3.271E-13	1.543E-05	5.327E-04	1.432E-06	2.913E-10
1.120E+04	1.199E-01	5.666E-01	2.003E-02	7.142E-13	1.557E-05	4.622E-04	1.473E-06	2.634E-10
1.140E+04	1.322E-01	5.546E-01	2.387E-02	1.522E-12	1.560E-05	4.009E-04	1.511E-06	2.369E-10
1.160E+04	1.449E-01	5.417E-01	2.828E-02	3.172E-12	1.555E-05	3.474E-04	1.544E-06	2.120E-10
1.180E+04	1.580E-01	5.280E-01	3.332E-02	6.463E-12	1.540E-05	3.007E-04	1.573E-06	1.887E-10
1.200E+04	1.714E-01	5.133E-01	3.903E-02	1.289E-11	1.517E-05	2.598E-04	1.595E-06	1.670E-10
1.220E+04	1.851E-01	4.978E-01	4.546E-02	2.519E-11	1.485E-05	2.239E-04	1.610E-06	1.469E-10
1.240E+04	1.990E-01	4.813E-01	5.264E-02	4.822E-11	1.445E-05	1.923E-04	1.617E-06	1.284E-10
1.260E+04	2.131E-01	4.640E-01	6.057E-02	9.051E-11	1.399E-05	1.647E-04	1.615E-06	1.115E-10
1.280E+04	2.273E-01	4.458E-01	6.927E-02	1.666E-10	1.346E-05	1.404E-04	1.603E-06	9.614E-11
1.300E+04	2.416E-01	4.269E-01	7.870E-02	3.010E-10	1.287E-05	1.192E-04	1.580E-06	8.229E-11
1.320E+04	2.559E-01	4.072E-01	8.884E-02	5.336E-10	1.224E-05	1.006E-04	1.546E-06	6.988E-11
1.340E+04	2.701E-01	3.870E-01	9.962E-02	9.289E-10	1.157E-05	8.447E-05	1.501E-06	5.887E-11
1.360E+04	2.843E-01	3.662E-01	1.110E-01	1.589E-09	1.087E-05	7.048E-05	1.446E-06	4.917E-11
1.380E+04	2.983E-01	3.451E-01	1.227E-01	2.670E-09	1.014E-05	5.841E-05	1.381E-06	4.071E-11
1.400E+04	3.120E-01	3.238E-01	1.349E-01	4.414E-09	9.411E-06	4.808E-05	1.307E-06	3.340E-11
1.420E+04	3.255E-01	3.024E-01	1.472E-01	7.177E-09	8.677E-06	3.930E-05	1.227E-06	2.716E-11
1.440E+04	3.386E-01	2.812E-01	1.597E-01	1.149E-08	7.951E-06	3.189E-05	1.142E-06	2.187E-11
1.460E+04	3.513E-01	2.604E-01	1.721E-01	1.812E-08	7.240E-06	2.569E-05	1.053E-06	1.746E-11
1.480E+04	3.636E-01	2.400E-01	1.843E-01	2.816E-08	6.552E-06	2.055E-05	9.632E-07	1.381E-11
1.500E+04	3.752E-01	2.203E-01	1.962E-01	4.317E-08	5.895E-06	1.632E-05	8.738E-07	1.082E-11
1.520E+04	3.863E-01	2.015E-01	2.077E-01	6.531E-08	5.274E-06	1.288E-05	7.566E-07	8.411E-12
1.540E+04	3.967E-01	1.835E-01	2.187E-01	9.755E-08	4.693E-06	1.010E-05	6.292E-07	6.485E-12
1.560E+04	4.064E-01	1.666E-01	2.291E-01	1.440E-07	4.155E-06	7.877E-06	5.239E-07	4.963E-12
1.580E+04	4.155E-01	1.507E-01	2.390E-01	2.100E-07	3.661E-06	6.111E-06	4.503E-07	3.773E-12
1.600E+04	4.238E-01	1.360E-01	2.481E-01	3.031E-07	3.213E-06	4.720E-06	3.827E-07	2.851E-12
1.620E+04	4.315E-01	1.224E-01	2.566E-01	4.329E-07	2.809E-06	3.631E-06	3.213E-07	2.143E-12
1.640E+04	4.385E-01	1.099E-01	2.644E-01	6.121E-07	2.448E-06	2.785E-06	2.661E-07	1.603E-12
1.660E+04	4.449E-01	9.867E-02	2.715E-01	8.575E-07	2.127E-06	2.131E-06	2.169E-07	1.195E-12
1.680E+04	4.507E-01	8.825E-02	2.780E-01	1.191E-06	1.844E-06	1.627E-06	1.735E-07	8.885E-13
1.700E+04	4.559E-01	7.893E-02	2.838E-01	1.639E-06	1.595E-06	1.241E-06	1.235E-07	6.591E-13
1.720E+04	4.606E-01	7.083E-02	2.891E-01	2.238E-06	1.378E-06	9.457E-07	1.023E-07	4.882E-13
1.740E+04	4.648E-01	6.300E-02	2.938E-01	3.031E-06	1.190E-06	7.208E-07	7.735E-07	3.614E-13
1.760E+04	4.685E-01	5.627E-02	2.980E-01	4.076E-06	1.026E-06	5.496E-07	6.487E-07	2.675E-13
1.780E+04	4.719E-01	5.026E-02	3.018E-01	5.443E-06	8.851E-07	4.194E-07	5.274E-07	1.981E-13
1.800E+04	4.749E-01	4.490E-02	3.051E-01	7.218E-06	7.633E-07	3.205E-07	4.091E-07	1.468E-13
1.820E+04	4.776E-01	4.013E-02	3.081E-01	9.511E-06	6.584E-07	2.454E-07	3.346E-07	1.090E-13
1.840E+04	4.800E-01	3.589E-02	3.107E-01	1.245E-05	5.682E-07	1.882E-07	2.508E-07	8.101E-14
1.860E+04	4.822E-01	3.213E-02	3.131E-01	1.621E-05	4.907E-07	1.447E-07	1.867E-07	6.036E-14
1.880E+04	4.841E-01	2.879E-02	3.151E-01	2.097E-05	4.242E-07	1.115E-07	1.589E-07	4.509E-14
1.900E+04	4.858E-01	2.582E-02	3.169E-01	2.699E-05	3.670E-07	8.614E-08	1.263E-07	3.376E-14
1.920E+04	4.874E-01	2.318E-02	3.185E-01	3.454E-05	3.180E-07	6.675E-08	1.035E-07	2.535E-14
1.940E+04	4.888E-01	2.084E-02	3.199E-01	4.398E-05	2.758E-07	5.187E-08	8.751E-08	1.910E-14
1.960E+04	4.901E-01	1.875E-02	3.211E-01	5.571E-05	2.396E-07	4.043E-08	6.795E-08	1.443E-14
1.980E+04	4.913E-01	1.680E-02	3.221E-01	7.023E-05	2.084E-07	3.161E-08	5.279E-08	1.094E-14
2.000E+04	4.924E-01	1.525E-02	3.230E-01	8.813E-05	1.816E-07	2.479E-08	4.218E-08	8.318E-15
2.020E+04	4.935E-01	1.378E-02	3.238E-01	1.101E-04	1.584E-07	1.950E-08	3.209E-08	6.347E-15
2.040E+04	4.945E-01	1.247E-02	3.244E-01	1.369E-04	1.385E-07	1.539E-08	2.581E-08	4.859E-15
2.060E+04	4.954E-01	1.130E-02	3.249E-01	1.695E-04	1.212E-07	1.218E-08	2.137E-08	3.733E-15
2.080E+04	4.964E-01	1.025E-02	3.253E-01	2.089E-04	1.063E-07	9.677E-09	1.777E-08	2.878E-15
2.100E+04	4.973E-01	9.314E-03	3.256E-01	2.565E-04	9.333E-08	7.709E-09	1.201E-08	2.226E-15
2.120E+04	4.992E-01	8.474E-03	3.259E-01	3.136E-04	8.210E-08	6.161E-09	1.049E-08	1.727E-15
2.140E+04	4.991E-01	7.720E-03	3.258E-01	3.820E-04	7.234E-08	4.938E-09	9.177E-09	1.345E-15
2.160E+04	5.000E-01	7.043E-03	3.258E-01	4.635E-04	6.395E-08	3.970E-09	8.042E-09	1.051E-15
2.180E+04	5.010E-01	6.433E-03	3.257E-01	5.602E-04	5.645E-08	3.201E-09	7.058E-09	8.239E-16
2.200E+04	5.020E-01	5.884E-03	3.254E-01	6.746E-04	4.999E-08	2.589E-09	6.203E-09	6.479E-16
2.220E+04	5.031E-01	5.389E-03	3.251E-01	8.094E-04	4.434E-08	2.099E-09	5.460E-09	5.112E-16
2.240E+04	5.042E-01	4.941E-03	3.246E-01	9.676E-04	3.939E-08	1.707E-09	4.812E-09	4.046E-16
2.260E+04	5.054E-01	4.536E-03	3.241E-01	1.153E-03	3.505E-08	1.392E-09	4.247E-09	3.212E-16
2.280E+04	5.066E-01	4.169E-03	3.234E-01	1.368E-03	3.124E-08	1.138E-09	3.752E-09	2.558E-16
2.300E+04	5.080E-01	3.837E-03	3.226E-01	1.619E-03	2.788E-08	9.324E-10	3.320E-09	2.043E-16
2.320E+04	5.094E-01	3.584E-03	3.216E-01	1.908E-03	2.492E-08	7.659E-10	2.940E-09	1.636E-16
2.340E+04	5.109E-01	3.280E-03	3.205E-01	2.242E-03	2.231E-08	6.307E-10	2.606E-09	1.314E-16
2.360E+04	5.125E-01	3.009E-03	3.193E-01	2.626E-03	2.000E-08	5.205E-10	2.313E-09	1.058E-16
2.380E+04	5.142E-01	2.780E-03	3.180E-01	3.066E-03	1.795E-08	4.304E-10	2.054E-09	8.541E-17
2.400E+04	5.160E-01	2.572E-03	3.165E-01	3.567E-03	1.613E-08	3.567E-10	1.826E-09	6.912E-17
2.420E+04	5.179E-01	2.381E-03	3.149E-01	4.138E-03	1.452E-08	2.962E-10	1.624E-09	5.607E-17
2.440E+04	5.199E-01	2.206E-03	3.131E-01	4.785E-03	1.308E-08	2.464E-10	1.446E-09	4.558E-17
2.460E+04	5.220E-01	2.045E-03	3.111E-01	5.516E-03	1.180E-08	2.053E-10	1.288E-09	3.714E-17
2.480E+04	5.241E-01	1.898E-03	3.090E-01	6.339E-03	1.065E-08	1.713E-10	1.147E-09	3.031E-17
2.500E+04	5.264E-01	1.762E-03	3.067E-01	7.264E-03	9.629E-09	1.432E-10	1.022E-09	2.479E-17

Table II. - Continued.

L	C+	L++	L-	CU	CU+	CU2	C2	T
2.985E-01	1.350E-02	2.244E-12	2.432E-06	2.447E-02	8.617E-05	3.711E-07	8.056E-05	8.400E+03
2.994E-01	1.662E-02	2.035E-12	2.717E-06	1.684E-02	8.052E-05	2.145E-07	6.578E-05	8.600E+03
2.998E-01	2.019E-02	1.155E-11	2.985E-06	1.167E-02	7.507E-05	1.256E-07	5.339E-05	8.800E+03
2.998E-01	2.406E-02	2.445E-11	3.234E-06	8.159E-03	6.990E-05	7.458E-08	4.317E-05	9.000E+03
2.998E-01	2.802E-02	3.187E-11	3.462E-06	5.749E-03	6.503E-05	4.488E-08	3.482E-05	9.200E+03
2.998E-01	3.202E-02	1.046E-10	3.694E-06	4.083E-03	6.046E-05	2.736E-08	2.804E-05	9.400E+03
2.998E-01	3.602E-02	2.051E-10	3.836E-06	2.922E-03	5.616E-05	1.688E-08	2.254E-05	9.600E+03
2.998E-01	4.002E-02	3.410E-10	3.979E-06	2.104E-03	5.212E-05	1.053E-08	1.408E-05	9.800E+03
2.998E-01	4.402E-02	7.265E-10	4.085E-06	1.525E-03	4.831E-05	6.629E-09	1.447E-05	1.000E+04
2.998E-01	4.802E-02	1.317E-09	4.153E-06	1.110E-03	4.471E-05	4.210E-09	1.154E-05	1.020E+04
2.998E-01	5.202E-02	2.334E-09	4.181E-06	8.121E-04	4.130E-05	2.693E-09	9.169E-06	1.040E+04
2.998E-01	5.602E-02	4.046E-09	4.170E-06	5.961E-04	3.806E-05	1.734E-09	7.255E-06	1.060E+04
2.998E-01	6.002E-02	6.807E-09	4.116E-06	4.388E-04	3.477E-05	1.122E-09	5.713E-06	1.080E+04
2.998E-01	6.402E-02	1.142E-08	4.024E-06	3.236E-04	3.208E-05	7.288E-10	4.475E-06	1.100E+04
2.998E-01	6.802E-02	1.865E-08	3.904E-06	2.391E-04	2.931E-05	4.750E-10	3.485E-06	1.120E+04
2.998E-01	7.202E-02	2.988E-08	3.746E-06	1.768E-04	2.668E-05	3.103E-10	2.658E-06	1.140E+04
2.998E-01	7.602E-02	4.704E-08	3.587E-06	1.308E-04	2.420E-05	2.029E-10	2.076E-06	1.160E+04
2.998E-01	8.002E-02	7.263E-08	3.364E-06	9.678E-05	2.185E-05	1.328E-10	1.588E-06	1.180E+04
2.998E-01	8.402E-02	1.102E-07	3.147E-06	7.150E-05	1.965E-05	6.692E-11	1.207E-06	1.200E+04
2.998E-01	8.802E-02	1.663E-07	2.921E-06	5.290E-05	1.759E-05	5.084E-11	9.116E-07	1.220E+04
2.998E-01	9.202E-02	2.445E-07	2.690E-06	3.907E-05	1.567E-05	3.712E-11	6.849E-07	1.240E+04
2.998E-01	9.602E-02	3.578E-07	2.461E-06	2.882E-05	1.389E-05	2.419E-11	5.119E-07	1.260E+04
2.998E-01	1.000E-01	5.139E-07	2.236E-06	2.123E-05	1.225E-05	1.573E-11	3.808E-07	1.280E+04
2.998E-01	1.040E-01	7.285E-07	2.021E-06	1.561E-05	1.075E-05	1.019E-11	2.821E-07	1.300E+04
2.998E-01	1.080E-01	1.020E-06	1.816E-06	1.147E-05	9.388E-06	6.585E-12	2.082E-07	1.320E+04
2.998E-01	1.120E-01	1.412E-06	1.624E-06	8.409E-06	8.155E-06	4.237E-12	1.532E-07	1.340E+04
2.998E-01	1.160E-01	1.933E-06	1.445E-06	6.156E-06	7.048E-06	2.716E-12	1.125E-07	1.360E+04
2.998E-01	1.200E-01	2.619E-06	1.281E-06	4.499E-06	6.062E-06	1.733E-12	8.237E-08	1.380E+04
2.998E-01	1.240E-01	3.516E-06	1.132E-06	3.282E-06	5.189E-06	1.101E-12	6.026E-08	1.400E+04
2.998E-01	1.280E-01	4.679E-06	9.962E-07	2.391E-06	4.421E-06	6.958E-13	4.404E-08	1.420E+04
2.998E-01	1.320E-01	6.170E-06	8.741E-07	1.739E-06	3.751E-06	4.378E-13	3.217E-08	1.440E+04
2.998E-01	1.360E-01	8.091E-06	7.649E-07	1.243E-06	3.170E-06	2.743E-13	2.350E-08	1.460E+04
2.998E-01	1.400E-01	1.053E-05	6.677E-07	9.161E-07	2.669E-06	1.711E-13	1.717E-08	1.480E+04
2.998E-01	1.440E-01	1.362E-05	5.816E-07	6.643E-07	2.240E-06	1.063E-13	1.256E-08	1.500E+04
2.998E-01	1.480E-01	1.752E-05	5.056E-07	4.809E-07	1.675E-06	6.580E-14	9.202E-09	1.520E+04
2.998E-01	1.520E-01	2.241E-05	4.388E-07	3.482E-07	1.565E-06	.061E-14	6.752E-09	1.540E+04
2.998E-01	1.560E-01	2.853E-05	3.804E-07	2.522E-07	1.304E-06	2.501E-14	4.965E-09	1.560E+04
2.998E-01	1.600E-01	3.617E-05	3.294E-07	1.827E-07	1.084E-06	1.537E-14	3.660E-09	1.580E+04
2.998E-01	1.640E-01	4.566E-05	2.851E-07	1.325E-07	9.007E-07	9.437E-15	2.706E-09	1.600E+04
2.998E-01	1.680E-01	5.741E-05	2.466E-07	9.629E-08	7.477E-07	5.793E-15	2.007E-09	1.620E+04
2.998E-01	1.720E-01	7.192E-05	2.132E-07	6.947E-08	6.205E-07	3.557E-15	1.493E-09	1.640E+04
2.998E-01	1.760E-01	8.978E-05	1.844E-07	5.099E-08	5.149E-07	2.186E-15	1.115E-09	1.660E+04
2.998E-01	1.800E-01	1.117E-04	1.594E-07	3.725E-08	4.275E-07	1.346E-15	8.356E-10	1.680E+04
2.998E-01	1.840E-01	1.381E-04	1.381E-07	2.729E-08	3.551E-07	8.312E-16	6.287E-10	1.700E+04
2.998E-01	1.880E-01	1.710E-04	1.197E-07	2.005E-08	2.953E-07	5.147E-16	4.749E-10	1.720E+04
2.998E-01	1.920E-01	2.106E-04	1.036E-07	1.478E-08	2.458E-07	3.198E-16	3.602E-10	1.740E+04
2.998E-01	1.960E-01	2.585E-04	9.307E-08	1.094E-08	2.049E-07	1.995E-16	2.743E-10	1.760E+04
2.998E-01	2.000E-01	3.162E-04	7.626E-08	8.120E-09	1.711E-07	1.250E-16	2.097E-10	1.780E+04
2.998E-01	2.040E-01	3.850E-04	6.304E-08	6.052E-09	1.431E-07	7.873E-17	1.610E-10	1.800E+04
2.998E-01	2.080E-01	4.686E-04	5.931E-08	4.529E-09	1.199E-07	4.982E-17	1.240E-10	1.820E+04
2.998E-01	2.120E-01	5.677E-04	5.174E-08	3.403E-09	1.007E-07	3.170E-17	8.597E-11	1.840E+04
2.998E-01	2.160E-01	6.855E-04	4.519E-08	2.567E-09	8.469E-08	2.027E-17	7.454E-11	1.860E+04
2.998E-01	2.200E-01	8.251E-04	3.954E-08	1.945E-09	7.138E-08	1.304E-17	5.810E-11	1.880E+04
2.998E-01	2.240E-01	9.899E-04	3.463E-08	1.479E-09	6.029E-08	8.439E-18	4.546E-11	1.900E+04
2.998E-01	2.280E-01	1.184E-03	3.038E-08	1.129E-09	5.102E-08	5.491E-18	3.569E-11	1.920E+04
2.998E-01	2.320E-01	1.411E-03	2.669E-08	8.660E-10	4.327E-09	3.594E-18	2.812E-11	1.940E+04
2.998E-01	2.360E-01	1.677E-03	2.348E-08	6.666E-10	3.677E-09	2.365E-18	2.222E-11	1.960E+04
2.998E-01	2.400E-01	1.986E-03	2.064E-08	5.151E-10	3.130F-09	1.566E-18	1.762E-11	1.980E+04
2.998E-01	2.440E-01	2.345E-03	1.825E-08	3.996E-10	2.670E-09	1.042E-18	1.401E-11	2.000E+04
2.998E-01	2.480E-01	2.759E-03	1.612E-08	3.111E-10	2.282E-09	6.979E-19	1.117E-11	2.020E+04
2.998E-01	2.520E-01	3.236E-03	1.426E-08	2.431E-10	1.953E-09	4.698E-19	8.930E-12	2.040E+04
2.998E-01	2.560E-01	3.764E-03	1.263E-08	1.906E-10	1.675E-09	3.179E-19	7.156E-12	2.060E+04
2.998E-01	2.600E-01	4.410E-03	1.119E-08	1.500E-10	1.438E-09	2.163E-19	5.748E-12	2.080E+04
2.998E-01	2.640E-01	5.122E-03	9.932E-09	1.184E-10	1.237E-09	1.479E-19	4.626E-12	2.100E+04
2.998E-01	2.680E-01	5.937E-03	8.822E-09	9.371E-11	1.065E-09	1.016E-19	3.730E-12	2.120E+04
2.998E-01	2.720E-01	6.842E-03	7.843E-09	7.440E-11	9.185E-09	7.012E-20	3.013E-12	2.140E+04
2.998E-01	2.760E-01	7.868E-03	6.978E-09	5.923E-11	7.928E-09	4.863E-20	2.436E-12	2.160E+04
2.998E-01	2.800E-01	9.016E-03	6.213E-09	4.728E-11	6.850E-09	3.387E-20	1.973E-12	2.180E+04
2.998E-01	2.840E-01	1.029E-02	5.535E-09	3.783E-11	5.923E-09	2.369E-20	1.599E-12	2.200E+04
2.998E-01	2.880E-01	1.171E-02	4.933E-09	3.034E-11	5.125E-09	1.663E-20	1.257E-12	2.220E+04
2.998E-01	2.920E-01	1.328E-02	4.399E-09	2.438E-11	4.437E-09	1.172E-20	1.052E-12	2.240E+04
2.998E-01	2.960E-01	1.500E-02	3.924E-09	1.962E-11	3.843E-09	8.284E-21	8.540E-13	2.260E+04
2.998E-01	3.000E-01	1.688E-02	3.500E-09	1.563E-11	3.329E-09	5.882E-21	6.930E-13	2.280E+04
2.998E-01	3.040E-01	1.842E-02	3.122E-09	1.278E-11	2.883E-09	4.186E-21	5.622E-13	2.300E+04
2.998E-01	3.080E-01	2.113E-02	2.785E-09	1.034E-11	2.498E-09	2.988E-21	4.559E-13	2.320E+04
2.998E-01	3.120E-01	2.350E-02	2.434E-09	8.309E-12	2.163E-09	2.138E-21	3.694E-13	2.340E+04
2.998E-01	3.160E-01	2.603E-02	2.215E-09	6.782E-12	1.872E-09	1.534E-21	2.990E-13	2.360E+04
2.998E-01	3.200E-01	2.872E-02	1.975E-09	5.501E-12	1.620E-09	1.103E-21	2.417E-13	2.380E+04
2.998E-01	3.240E-01	3.156E-02	1.759E-09	4.466E-12	1.400E-09	7.942E-22	1.951E-13	2.400E+04
2.998E-01	3.280E-01	3.454E-02	1.566E-09	3.625E-12	1.210E-09	5.73CE-22	1.572E-13	2.420E+04
2.998E-01	3.320E-01	3.765E-02	1.394E-09	2.944E-12	1.044E-09	4.140E-22	1.265E-13	2.440E+04
2.998E-01	3.360E-01	4.088E-02	1.239E-09	2.392E-12	9.000E-10	2.996E-22	1.016E-13	2.460E+04
2.998E-01	3.400E-01	4.419E-02	1.101E-09	1.943E-12	7.751E-10	2.170E-22	8.139E-14	2.480E+04
2.998E-01	3.440E-01	4.759E-02	9.770E-10	1.578E-12	6.667E-10	1.573E-22	6.507E-14	2.500E+04

Table II. - Continued.

P/PO = 8.00E-01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.529E-11	1.760E-18	0.
2.000E+02	0.	8.686E-68	0.	0.	0.	5.351E-11	1.760E-18	0.
3.000E+02	0.	3.939E-44	3.557E-80	0.	0.	5.487E-11	1.760E-18	0.
4.000E+02	0.	2.716E-35	9.331E-63	0.	0.	5.019E-11	1.760E-18	0.
5.000E+02	0.	9.190E-29	2.682E-52	0.	0.	4.962E-11	1.760E-18	0.
6.000E+02	0.	2.121E-24	2.575E-45	0.	0.	4.941E-11	1.760E-18	3.685E-96
7.000E+02	5.648E-79	2.787E-21	2.572E-40	0.	3.997E-90	4.810E-11	1.760E-18	6.439E-83
8.000E+02	4.473E-67	1.770E-18	5.070E-37	0.	6.806E-77	3.919E-10	1.760E-18	3.805E-71
9.000E+02	3.504E-57	5.538E-16	9.090E-35	0.	1.157E-65	8.448E-09	1.760E-18	9.688E-61
1.000E+03	3.142E-49	5.687E-14	5.637E-33	0.	1.224E-56	1.046E-07	1.760E-18	2.302E-52
1.100E+03	1.031E-42	2.526E-12	1.658E-31	0.	2.965E-49	8.200E-07	1.760E-18	1.647E-45
1.200E+03	2.822E-37	5.971E-11	2.789E-30	0.	4.243E-43	4.550E-06	1.760E-18	8.437E-40
1.300E+03	1.140E-32	8.689E-10	3.051E-29	0.	6.827E-38	1.935E-05	1.760E-18	5.692E-35
1.400E+03	1.024E-28	8.634E-09	2.379E-28	0.	1.978E-33	6.682E-05	1.760E-18	7.821E-31
1.500E+03	2.760E-25	6.320E-08	1.414E-27	0.	1.455E-29	1.952E-04	1.760E-18	3.004E-27
1.600E+03	2.793E-22	3.680E-07	6.747E-27	0.	3.508E-26	4.977E-04	1.760E-18	4.096E-24
1.700E+03	1.181E-19	1.678E-06	2.867E-26	0.	3.161E-23	1.134E-03	1.879E-18	2.227E-21
1.800E+03	6.254E-18	6.577E-06	4.261E-25	0.	3.252E-21	2.352E-03	8.160E-18	1.460E-19
1.900E+03	7.952E-17	2.230E-05	1.316E-23	0.	7.429E-20	4.502E-03	8.357E-17	2.221E-18
2.000E+03	7.168E-16	6.681E-05	3.169E-22	0.	1.125E-18	8.036E-03	7.430E-16	2.328E-17
2.100E+03	5.199E-15	1.798E-04	5.701E-21	2.263E-88	1.294E-17	1.349E-02	5.404E-15	1.911E-16
2.200E+03	3.141E-14	4.406E-04	7.921E-20	3.951E-84	1.178E-16	2.142E-02	3.280E-14	1.274E-15
2.300E+03	1.617E-13	9.989E-04	8.783E-19	2.985E-80	8.730E-16	3.231E-02	1.697E-13	7.069E-15
2.400E+03	7.233E-13	2.081E-03	7.990E-18	1.084E-76	5.392E-15	4.648E-02	7.617E-13	3.323E-14
2.500E+03	2.852E-12	4.076E-03	6.107E-17	2.068E-73	2.827E-14	6.387E-02	3.013E-12	1.344E-13
2.600E+03	1.004E-11	7.507E-03	3.999E-16	2.240E-70	1.277E-13	8.398E-02	1.063E-11	4.728E-13
2.700E+03	3.189E-11	1.307E-02	2.283E-15	1.466E-67	5.036E-13	1.057E-01	3.37E-11	1.462E-12
2.800E+03	9.224E-11	2.188E-02	1.152E-14	6.138E-65	1.752E-12	1.276E-01	9.77E-11	4.006E-12
2.900E+03	2.449E-10	3.395E-02	5.208E-14	1.721E-62	5.429E-12	1.477E-01	2.596E-10	9.792E-12
3.000E+03	6.008E-10	5.101E-02	2.131E-13	3.381E-60	1.510E-11	1.640E-01	6.358E-10	2.149E-11
3.100E+03	1.370E-09	7.341E-02	7.971E-13	4.810E-58	3.800E-11	1.749E-01	1.446E-09	4.257E-11
3.200E+03	2.921E-09	1.015E-01	2.748E-12	5.119E-56	8.700E-11	1.792E-01	3.069E-09	7.652E-11
3.300E+03	5.845E-09	1.349E-01	8.796E-12	4.189E-54	1.823E-10	1.766E-01	6.111E-09	1.254E-10
3.400E+03	1.103E-08	1.781E-01	2.630E-11	2.701E-52	3.516E-10	1.675E-01	1.146E-08	1.880E-10
3.500E+03	1.970E-08	2.144E-01	7.392E-11	1.402E-50	6.266E-10	1.529E-01	2.031E-08	2.589E-10
3.600E+03	3.344E-08	2.570E-01	1.961E-10	5.966E-49	1.037E-09	1.345E-01	3.414E-08	3.290E-10
3.700E+03	5.413E-08	2.988E-01	4.933E-10	2.114E-47	1.603E-09	1.143E-01	5.458E-08	3.877E-10
3.800E+03	8.398E-08	3.377E-01	1.180E-09	6.321E-46	2.328E-09	9.398E-02	8.326E-08	4.266E-10
3.900E+03	1.255E-07	3.721E-01	2.694E-09	1.610E-44	3.200E-09	7.515E-02	1.216E-07	4.423E-10
4.000E+03	1.819E-07	4.011E-01	5.874E-09	3.516E-43	4.202E-09	5.873E-02	1.705E-07	4.368E-10
4.100E+03	2.571E-07	4.246E-01	1.225E-08	6.615E-42	5.326E-09	4.513E-02	2.302E-07	4.161E-10
4.200E+03	3.573E-07	4.480E-01	2.443E-08	1.075E-40	6.581E-09	3.429E-02	2.999E-07	3.871E-10
4.300E+03	4.912E-07	4.571E-01	4.660E-08	1.509E-39	8.004E-09	2.591E-02	3.776E-07	3.560E-10
4.400E+03	6.722E-07	4.637E-01	8.497E-08	1.835E-38	9.665E-09	1.956E-02	4.597E-07	3.597E-10
4.500E+03	9.200E-07	4.757E-01	1.482E-07	1.936E-37	1.166E-08	1.479E-02	5.422E-07	3.021E-10
4.600E+03	1.262E-06	4.815E-01	2.476E-07	1.783E-36	1.411E-08	1.124E-02	6.205E-07	2.822E-10
4.700E+03	1.738E-06	4.889E-01	3.973E-07	1.443E-35	1.716E-08	8.593E-03	6.911E-07	2.672E-10
4.800E+03	2.400E-06	4.892E-01	6.145E-07	1.037E-34	2.097E-08	6.617E-03	7.517E-07	2.563E-10
4.900E+03	3.319E-06	4.916E-01	9.199E-07	6.682E-34	2.572E-08	5.135E-03	8.014E-07	2.490E-10
5.000E+03	4.587E-06	4.985E-01	1.338E-06	3.902E-33	3.162E-08	4.017E-03	8.406E-07	2.445E-10
5.100E+03	6.330E-06	4.949E-01	1.897E-06	2.082E-32	3.892E-08	3.168E-03	8.697E-07	2.424E-10
5.200E+03	8.714E-06	4.961E-01	2.629E-06	1.022E-31	4.793E-08	2.519E-03	8.896E-07	2.423E-10
5.300E+03	1.196E-05	4.970E-01	3.567E-06	4.648E-31	5.903E-08	2.019E-03	9.007E-07	2.441E-10
5.400E+03	1.638E-05	4.978E-01	4.744E-06	1.964E-30	7.275E-08	1.631E-03	9.035E-07	2.478E-10
5.500E+03	2.239E-05	4.986E-01	6.191E-06	7.738E-30	8.974E-08	1.327E-03	8.980E-07	2.537E-10
5.600E+03	3.057E-05	4.993E-01	7.929E-06	2.850E-29	1.109E-07	1.089E-03	8.847E-07	2.420E-10
5.700E+03	4.172E-05	5.002E-01	9.974E-06	9.842E-29	1.374E-07	8.993E-04	8.640E-07	2.10E-10
5.800E+03	5.691E-05	5.013E-01	1.233E-05	3.194E-28	1.706E-07	7.486E-04	8.368E-07	2.871E-10
5.900E+03	7.763E-05	5.027E-01	1.500E-05	9.780E-28	2.126E-07	6.278E-04	8.046E-07	3.047E-10
6.000E+03	1.058E-04	5.045E-01	1.799E-05	2.837E-27	2.654E-07	5.305E-04	7.693E-07	3.263E-10
6.100E+03	1.439E-04	5.068E-01	2.132E-05	7.840E-27	3.318E-07	4.519E-04	7.328E-07	3.521E-10
6.200E+03	1.950E-04	5.099E-01	2.501E-05	2.076E-26	4.148E-07	3.880E-04	6.972E-07	3.823E-10
6.300E+03	2.629E-04	5.189E-01	2.914E-05	5.298E-26	5.178E-07	3.361E-04	6.642E-07	4.172E-10
6.400E+03	3.519E-04	5.188E-01	3.381E-05	1.312E-25	6.442E-07	2.936E-04	6.354E-07	4.567E-10
6.500E+03	4.668E-04	5.248E-01	3.916E-05	3.170E-25	7.975E-07	2.588E-04	6.118E-07	5.005E-10
6.600E+03	6.129E-04	5.320E-01	4.537E-05	7.510E-25	9.808E-07	2.300E-04	5.938E-07	5.484E-10
6.700E+03	7.954E-04	5.402E-01	5.266E-05	1.752E-24	1.197E-06	2.060E-04	5.817E-07	5.994E-10
6.800E+03	1.020E-03	5.494E-01	6.130E-05	4.036E-24	1.446E-06	1.858E-04	5.753E-07	6.525E-10
6.900E+03	1.290E-03	5.592E-01	7.157E-05	9.201E-24	1.730E-06	1.686E-04	5.743E-07	7.062E-10
7.000E+03	1.612E-03	5.694E-01	8.384E-05	2.078E-23	2.048E-06	1.537E-04	5.782E-07	7.590E-10
7.100E+03	1.989E-03	5.797E-01	9.847E-05	4.651E-23	2.396E-06	1.405E-04	5.863E-07	8.090E-10
7.200E+03	2.424E-03	5.897E-01	1.159E-04	1.032E-22	2.771E-06	1.287E-04	5.980E-07	8.546E-10
7.300E+03	2.921E-03	5.992E-01	1.366E-04	2.266E-22	3.170E-06	1.180E-04	6.126E-07	8.943E-10
7.400E+03	3.483E-03	6.080E-01	1.611E-04	4.928E-22	3.587E-06	1.083E-04	6.298E-07	9.272E-10
7.500E+03	4.113E-03	6.169E-01	1.899E-04	1.060E-21	4.019E-06	9.928E-05	6.488E-07	9.527E-10
7.600E+03	4.813E-03	6.228E-01	2.237E-04	2.253E-21	4.460E-06	9.099E-05	6.694E-07	9.707E-10
7.700E+03	5.587E-03	6.287E-01	2.633E-04	4.732E-21	4.908E-06	8.334E-05	6.911E-07	9.815E-10
7.800E+03	6.440E-03	6.337E-01	3.093E-04	9.811E-21	5.359E-06	7.630E-05	7.137E-07	9.856E-10
7.900E+03	7.374E-03	6.377E-01	3.626E-04	2.007E-20	5.813E-06	6.984E-05	7.370E-07	9.840E-10
8.000E+03	8.396E-03	6.410E-01	4.242E-04	4.053E-20	6.266E-06	6.391E-05	7.609E-07	9.774E-10
8.200E+03	1.072E-02	6.484E-01	5.760E-04	1.586E-19	7.172E-06	5.355E-05	8.098E-07	9.526E-10

Table II. - Continued.

P/PQ = 8.00E-01

C	C+	C++	C-	CO	CO+	CC2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
4.886E-79	5.006E-80	0.	0.	6.796E-65	0.	1.000E+00	1.014E-91	7.000E+02
3.461E-65	4.058E-67	0.	0.	2.642E-40	1.535E-40	1.000E+00	2.600E-78	8.000E+02
1.026E-59	2.855E-59	0.	0.	5.885E-28	6.551E-60	1.000E+00	0.	9.000E+02
5.695E-49	2.050E-34	0.	0.	1.506E-20	1.503E-47	1.000E+00	0.	1.000E+03
1.336E-43	1.402E-50	0.	0.	1.311E-15	2.614E-34	1.000E+00	0.	2.000E+03
3.322E-34	1.930E-47	0.	0.	4.449E-12	2.090E-33	1.000E+00	3.433E-69	3.000E+03
1.532E-35	8.013E-45	0.	0.	6.688E-10	2.325E-30	1.000E+00	7.688E-62	4.000E+03
1.935E-32	1.343E-42	0.	0.	1.680E-08	6.261E-29	1.000E+00	7.081E-56	5.000E+03
8.822E-30	1.057E-40	0.	0.	2.042E-07	7.955E-28	1.000E+00	6.618E-51	6.000E+03
1.781E-27	4.727E-39	2.565E-55	2.334E-87	1.640E-06	6.348E-27	1.000E+00	1.065E-46	7.000E+03
1.454E-25	1.315E-37	1.093E-91	3.940E-77	9.100E-06	3.585E-26	1.000E+00	4.294E-43	8.000E+03
1.118E-23	2.663E-36	1.997E-88	1.338E-68	1.336E-04	5.450E-25	1.000E+00	5.726E-40	9.000E+03
4.279E-22	1.586E-34	2.678E-84	2.194E-61	3.871E-05	1.620E-24	1.000E+00	3.106E-37	1.000E+04
1.115E-20	1.655E-32	1.008E-79	3.350E-55	1.336E-04	6.925E-24	1.000E+00	8.033E-35	2.000E+04
2.098E-19	1.247E-30	1.602E-75	7.656E-50	3.904E-04	5.585E-01	1.000E+00	1.120E-32	3.000E+04
2.980E-18	0.199E-29	1.041E-71	3.738E-45	9.958E-04	9.966E-01	1.000E+00	9.270E-31	4.000E+04
3.319E-17	2.162E-27	3.091E-68	4.790E-41	2.270E-03	9.929E-01	1.000E+00	4.924E-29	5.000E+04
2.940E-16	5.549E-26	4.634E-65	5.224E-38	4.711E-03	9.864E-01	1.000E+00	1.766E-27	6.000E+04
2.234E-15	1.106E-24	3.839E-62	9.873E-36	9.026E-03	9.758E-01	1.000E+00	4.651E-26	7.000E+04
1.415E-14	1.738E-23	1.886E-54	1.003E-33	1.614E-02	9.592E-01	1.000E+00	1.369E-23	8.000E+04
7.730E-14	2.219E-22	5.858E-51	6.460E-32	2.715E-02	9.011E-01	1.000E+00	1.647E-22	9.000E+04
3.703E-13	2.362E-21	1.213E-54	2.821E-30	4.327E-02	9.011E-01	1.000E+00	1.619E-21	1.000E+05
1.576E-12	2.132E-20	1.756E-52	8.776E-29	6.562E-02	9.349E-01	1.000E+00	1.327E-20	2.000E+05
6.034E-12	1.682E-19	1.848E-50	2.024E-27	2.024E-02	9.011E-01	1.000E+00	9.235E-20	3.000E+05
2.102E-11	1.166E-18	1.465E-48	3.576E-26	1.318E-01	8.002E-01	1.000E+00	5.555E-19	4.000E+05
6.728E-11	7.227E-18	9.065E-47	4.981E-25	1.755E-01	7.331E-01	1.000E+00	2.933E-18	5.000E+05
1.999E-10	4.067E-17	4.482E-45	5.600E-24	2.246E-01	6.566E-01	1.000E+00	1.380E-17	6.000E+05
5.567E-10	2.103E-16	1.822E-43	5.188E-23	2.749E-01	5.740E-01	1.000E+00	5.871E-17	7.000E+05
1.465E-09	1.011E-15	6.217E-42	4.034E-22	3.293E-01	4.891E-01	1.000E+00	2.292E-16	8.000E+05
3.674E-09	4.570E-15	1.827E-40	2.676E-21	3.790E-01	4.060E-01	1.000E+00	8.317E-16	9.000E+05
8.466E-09	1.959E-14	4.673E-39	1.538E-20	4.232E-01	4.060E-01	1.000E+00	2.844E-15	1.000E+06
2.058E-08	8.030E-14	1.060E-37	7.761E-20	4.599E-01	1.231E-11	2.594E-01	9.269E-15	2.000E+06
4.652E-08	3.162E-13	2.150E-36	3.485E-19	4.882E-01	3.290E-11	2.003E-01	2.909E-14	3.000E+06
1.025E-07	1.149E-12	3.421E-35	1.409E-18	5.080E-01	8.328E-11	1.515E-01	8.865E-14	4.000E+06
2.205E-07	4.378E-12	6.462E-34	5.188E-18	5.202E-01	2.012E-10	1.126E-01	2.635E-13	5.000E+06
4.640E-07	1.535E-11	9.564E-33	1.758E-17	5.261E-01	4.680E-10	8.236E-02	7.658E-13	6.000E+06
9.543E-07	5.144E-11	1.267E-31	4.567E-16	5.274E-01	1.052E-09	5.954E-02	2.175E-12	7.000E+06
1.918E-06	1.641E-10	1.493E-30	1.216E-15	5.257E-01	2.298E-09	4.267E-02	6.029E-12	8.000E+06
3.764E-06	4.964E-10	1.559E-29	4.567E-16	5.148E-01	4.886E-09	3.043E-02	1.627E-11	9.000E+06
7.215E-06	1.420E-09	1.438E-28	3.106E-15	5.116E-01	1.012E-08	2.168E-02	4.264E-11	1.000E+07
1.351E-05	3.841E-09	1.175E-27	1.840E-14	5.089E-01	2.038E-08	1.547E-02	1.034E-10	2.000E+07
2.471E-05	9.838E-09	8.531E-27	4.314E-14	5.069E-01	3.982E-08	1.110E-02	2.672E-10	3.000E+07
4.421E-05	2.343E-08	5.549E-26	9.925E-14	5.052E-01	7.523E-08	4.303E-03	6.379E-10	4.000E+07
7.737E-05	5.547E-08	3.262E-25	5.040E-01	5.040E-01	1.370E-07	3.201E-03	1.477E-09	5.000E+07
1.326E-04	1.231E-07	1.747E-24	2.246E-13	5.031E-01	2.402E-07	4.049E-03	3.315E-09	6.000E+07
2.228E-04	2.624E-07	8.600E-23	5.003E-13	5.023E-01	6.576E-07	2.405E-03	7.226E-09	7.000E+07
3.672E-04	5.386E-07	3.912E-22	1.097E-12	5.017E-01	1.032E-06	1.827E-03	1.531E-08	8.000E+07
5.941E-04	1.087E-06	1.653E-22	2.366E-12	5.013E-01	1.568E-06	1.401E-03	3.154E-08	9.000E+07
9.444E-04	2.046E-06	6.513E-22	5.013E-12	5.008E-01	1.086E-03	1.086E-03	3.154E-08	1.000E+08
1.476E-03	3.794E-06	2.348E-21	1.043E-11	5.004E-01	8.492E-04	6.701E-04	6.329E-08	2.000E+08
2.268E-03	6.814E-06	8.269E-20	4.269E-11	4.948E-01	6.486E-06	5.333E-04	1.238E-07	3.000E+08
3.430E-03	1.186E-05	2.675E-20	8.413E-11	4.992E-01	8.761E-06	4.279E-04	2.361E-07	4.000E+08
5.104E-03	2.002E-05	8.131E-20	1.631E-10	4.982E-01	1.160E-05	3.455E-04	4.394E-07	5.000E+08
7.472E-03	3.278E-05	1.992E-19	3.115E-10	4.970E-01	1.505E-05	2.815E-04	7.932E-07	6.000E+08
1.076E-02	5.215E-05	6.303E-19	5.864E-10	4.951E-01	1.916E-05	2.306E-04	1.415E-06	7.000E+08
1.523E-02	8.067E-05	1.618E-18	5.008E-09	4.925E-01	2.390E-05	1.900E-04	2.446E-06	8.000E+08
2.118E-02	1.215E-04	3.958E-18	1.992E-09	4.889E-01	2.925E-05	1.573E-04	4.119E-06	9.000E+08
2.849E-02	1.784E-04	9.258E-18	3.590E-09	4.839E-01	3.515E-05	1.308E-04	6.747E-06	1.000E+09
3.863E-02	2.559E-04	2.081E-17	6.359E-09	4.771E-01	4.150E-05	1.090E-04	1.073E-05	2.000E+09
5.058E-02	3.586E-04	4.513E-17	1.105E-08	4.680E-01	4.821E-05	9.112E-05	1.653E-05	3.000E+09
6.479E-02	4.918E-04	9.463E-17	1.877E-08	4.563E-01	5.515E-05	7.619E-05	2.462E-05	4.000E+09
8.113E-02	6.607E-04	1.928E-16	1.877E-08	4.415E-01	6.222E-05	6.367E-05	3.533E-05	5.000E+09
9.932E-02	8.704E-04	3.826E-16	3.109E-08	4.233E-01	6.928E-05	5.308E-05	4.878E-05	6.000E+09
1.189E-01	1.126E-03	7.411E-16	5.006E-08	4.017E-01	7.620E-05	4.409E-05	6.470E-05	7.000E+09
1.333E-01	1.431E-03	1.404E-15	7.817E-08	3.768E-01	8.282E-05	3.643E-05	8.240E-05	8.000E+09
1.598E-01	1.789E-03	2.605E-15	1.181E-07	3.490E-01	8.900E-05	2.989E-05	1.008E-04	9.000E+09
1.798E-01	2.205E-03	4.742E-15	1.727E-07	3.191E-01	9.458E-05	2.432E-05	1.186E-04	1.000E+10
1.948E-01	2.679E-03	8.440E-15	2.440E-07	2.878E-01	9.944E-05	1.961E-05	1.364E-04	2.000E+10
2.164E-01	3.216E-03	1.491E-14	3.335E-07	2.563E-01	1.035E-04	1.567E-05	1.472E-04	3.000E+10
2.322E-01	3.817E-03	2.580E-14	4.416E-07	2.253E-01	1.066E-04	1.239E-05	1.613E-04	4.000E+10
2.461E-01	4.484E-03	4.398E-14	5.673E-07	1.958E-01	1.087E-04	9.706E-06	1.623E-04	5.000E+10
2.581E-01	5.221E-03	7.398E-14	7.089E-07	1.664E-01	1.100E-04	7.537E-06	1.634E-04	6.000E+10
2.681E-01	6.029E-03	1.225E-13	8.636E-07	1.434E-01	1.104E-04	5.807E-06	1.648E-04	7.000E+10
2.764E-01	6.913E-03	2.004E-13	1.028E-06	1.212E-01	1.100E-04	4.445E-06	1.476E-04	8.000E+10
2.842E-01	7.876E-03	3.237E-13	1.200E-06	1.018E-01	1.090E-04	3.385E-06	1.389E-04	9.000E+10
2.925E-01	1.005E-02	8.156E-13	1.377E-06	8.509E-02	1.074E-04	2.567E-06	1.295E-04	1.000E+11
			1.555E-06	7.086E-02	1.054E-04	1.468E-06	1.099E-04	8.200E+10
			1.909E-06	5.866E-02	1.030E-04			
			2.255E-06	4.048E-02	9.762E-05			

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.345E-02	6.476E-01	7.740E-04	5.879E-19	8.072E-06	4.495E-05	8.600E-07	9.171E-10
8.600E+03	1.664E-02	6.481E-01	1.029E-03	2.067E-18	8.965E-06	3.785E-05	9.110E-07	8.755E-10
8.800E+03	2.033E-02	6.473E-01	1.353E-03	6.905E-18	9.846E-06	3.199E-05	9.629E-07	8.307E-10
9.000E+03	2.456E-02	6.484E-01	1.762E-03	2.198E-17	1.071E-05	2.715E-05	1.015E-06	7.845E-10
9.200E+03	2.938E-02	6.426E-01	2.271E-03	6.682E-17	1.156E-05	2.312E-05	1.068E-06	7.381E-10
9.400E+03	3.481E-02	6.389E-01	2.901E-03	1.946E-16	1.238E-05	1.977E-05	1.122E-06	6.922E-10
9.600E+03	4.090E-02	6.346E-01	3.673E-03	5.439E-16	1.316E-05	1.696E-05	1.175E-06	6.471E-10
9.800E+03	4.766E-02	6.294E-01	4.611E-03	1.464E-15	1.389E-05	1.460E-05	1.229E-06	6.030E-10
1.000E+04	5.511E-02	6.235E-01	5.745E-03	3.900E-15	1.458E-05	1.260E-05	1.282E-06	5.602E-10
1.020E+04	6.325E-02	6.169E-01	7.105E-03	9.540E-15	1.519E-05	1.090E-05	1.335E-06	5.186E-10
1.040E+04	7.208E-02	6.095E-01	8.726E-03	2.320E-14	1.574E-05	9.443E-06	1.388E-06	4.784E-10
1.060E+04	8.158E-02	6.014E-01	1.065E-02	5.477E-14	1.620E-05	8.196E-06	1.439E-06	4.397E-10
1.080E+04	9.173E-02	5.924E-01	1.279E-02	1.257E-13	1.658E-05	7.121E-06	1.488E-06	4.025E-10
1.100E+04	1.025E-01	5.826E-01	1.555E-02	2.810E-13	1.686E-05	6.191E-06	1.536E-06	3.668E-10
1.120E+04	1.138E-01	5.720E-01	1.863E-02	6.124E-13	1.705E-05	5.384E-06	1.581E-06	3.329E-10
1.140E+04	1.257E-01	5.606E-01	2.220E-02	1.303E-12	1.714E-05	4.681E-06	1.623E-06	3.007E-10
1.160E+04	1.380E-01	5.483E-01	2.630E-02	2.709E-12	1.713E-05	4.068E-06	1.661E-06	2.702E-10
1.180E+04	1.507E-01	5.351E-01	3.098E-02	5.512E-12	1.702E-05	3.531E-06	1.694E-06	2.416E-10
1.200E+04	1.638E-01	5.211E-01	3.629E-02	1.098E-11	1.681E-05	3.060E-06	1.721E-06	2.148E-10
1.220E+04	1.772E-01	5.062E-01	4.228E-02	2.142E-11	1.652E-05	2.646E-06	1.741E-06	1.900E-10
1.240E+04	1.908E-01	4.905E-01	4.897E-02	4.095E-11	1.613E-05	2.283E-06	1.752E-06	1.670E-10
1.260E+04	2.046E-01	4.739E-01	5.639E-02	7.681E-11	1.567E-05	1.963E-06	1.755E-06	1.458E-10
1.280E+04	2.185E-01	4.564E-01	6.454E-02	1.413E-10	1.514E-05	1.682E-06	1.748E-06	1.258E-10
1.300E+04	2.326E-01	4.382E-01	7.343E-02	2.552E-10	1.454E-05	1.435E-06	1.729E-06	1.090E-10
1.320E+04	2.467E-01	4.192E-01	8.301E-02	4.525E-10	1.388E-05	1.219E-06	1.700E-06	9.324E-11
1.340E+04	2.607E-01	3.996E-01	9.324E-02	7.831E-10	1.318E-05	1.029E-06	1.658E-06	7.914E-11
1.360E+04	2.748E-01	3.794E-01	1.041E-01	1.349E-09	1.244E-05	8.646E-07	1.608E-06	6.664E-11
1.380E+04	2.887E-01	3.588E-01	1.154E-01	2.269E-09	1.167E-05	7.218E-07	1.543E-06	5.564E-11
1.400E+04	3.024E-01	3.379E-01	1.271E-01	3.755E-09	1.088E-05	5.987E-07	1.470E-06	4.607E-11
1.420E+04	3.159E-01	3.169E-01	1.391E-01	6.114E-09	1.009E-05	4.932E-07	1.389E-06	3.781E-11
1.440E+04	3.291E-01	2.960E-01	1.513E-01	9.801E-09	9.294E-06	4.036E-07	1.301E-06	3.075E-11
1.460E+04	3.420E-01	2.752E-01	1.635E-01	1.548E-08	8.511E-06	3.279E-07	1.209E-06	2.479E-11
1.480E+04	3.543E-01	2.548E-01	1.756E-01	2.410E-08	7.748E-06	2.646E-07	1.114E-06	1.981E-11
1.500E+04	3.662E-01	2.350E-01	1.875E-01	3.700E-08	7.013E-06	2.121E-07	1.018E-06	1.569E-11
1.520E+04	3.776E-01	2.158E-01	1.991E-01	5.605E-08	6.311E-06	1.689E-07	9.233E-07	1.232E-11
1.540E+04	3.883E-01	1.975E-01	2.103E-01	8.385E-08	5.649E-06	1.336E-07	8.313E-07	9.600E-12
1.560E+04	3.984E-01	1.800E-01	2.210E-01	1.239E-07	5.031E-06	1.051E-07	7.432E-07	7.423E-12
1.580E+04	4.079E-01	1.636E-01	2.311E-01	1.811E-07	4.459E-06	8.227E-08	6.603E-07	5.699E-12
1.600E+04	4.167E-01	1.482E-01	2.406E-01	2.617E-07	3.934E-06	6.407E-08	5.831E-07	4.348E-12
1.620E+04	4.248E-01	1.339E-01	2.495E-01	3.742E-07	3.458E-06	4.964E-08	5.123E-07	3.298E-12
1.640E+04	4.323E-01	1.208E-01	2.577E-01	5.297E-07	3.028E-06	3.839E-08	4.479E-07	2.490E-12
1.660E+04	4.391E-01	1.086E-01	2.653E-01	7.429E-07	2.644E-06	2.958E-08	3.901E-07	1.872E-12
1.680E+04	4.453E-01	9.789E-02	2.722E-01	1.032E-06	2.302E-06	2.274E-08	3.385E-07	1.402E-12
1.700E+04	4.509E-01	8.755E-02	2.785E-01	1.422E-06	2.001E-06	1.745E-08	2.929E-07	1.048E-12
1.720E+04	4.560E-01	7.846E-02	2.842E-01	1.944E-06	1.735E-06	1.337E-08	2.528E-07	7.813E-13
1.740E+04	4.606E-01	7.027E-02	2.893E-01	2.635E-06	1.503E-06	1.025E-08	2.178E-07	5.819E-13
1.760E+04	4.647E-01	6.291E-02	2.939E-01	3.547E-06	1.301E-06	7.850E-09	1.874E-07	4.331E-13
1.780E+04	4.684E-01	5.681E-02	2.981E-01	4.738E-06	1.125E-06	6.017E-09	1.611E-07	3.224E-13
1.800E+04	4.718E-01	5.040E-02	3.017E-01	6.288E-06	9.728E-07	4.617E-09	1.384E-07	2.400E-13
1.820E+04	4.747E-01	4.513E-02	3.050E-01	8.289E-06	8.411E-07	3.547E-09	1.189E-07	1.789E-13
1.840E+04	4.774E-01	4.043E-02	3.080E-01	1.086E-05	7.274E-07	2.729E-09	1.022E-07	1.335E-13
1.860E+04	4.798E-01	3.624E-02	3.106E-01	1.414E-05	6.295E-07	2.104E-09	8.781E-08	9.983E-14
1.880E+04	4.819E-01	3.251E-02	3.129E-01	1.830E-05	5.451E-07	1.626E-09	7.552E-08	7.479E-14
1.900E+04	4.838E-01	2.919E-02	3.149E-01	2.356E-05	4.724E-07	1.259E-09	6.501E-08	5.616E-14
1.920E+04	4.856E-01	2.624E-02	3.167E-01	3.016E-05	4.098E-07	9.775E-10	5.601E-08	4.228E-14
1.940E+04	4.871E-01	2.361E-02	3.183E-01	3.841E-05	3.559E-07	7.610E-10	4.832E-08	3.191E-14
1.960E+04	4.886E-01	2.127E-02	3.196E-01	4.868E-05	3.095E-07	5.942E-10	4.174E-08	2.416E-14
1.980E+04	4.899E-01	1.918E-02	3.208E-01	6.138E-05	2.695E-07	4.652E-10	3.610E-08	1.834E-14
2.000E+04	4.911E-01	1.732E-02	3.219E-01	7.704E-05	2.350E-07	3.653E-10	3.127E-08	1.397E-14
2.020E+04	4.922E-01	1.566E-02	3.228E-01	9.625E-05	2.052E-07	2.878E-10	2.712E-08	1.068E-14
2.040E+04	4.933E-01	1.418E-02	3.235E-01	1.197E-04	1.795E-07	2.274E-10	2.356E-08	8.184E-15
2.060E+04	4.943E-01	1.285E-02	3.241E-01	1.483E-04	1.572E-07	1.802E-10	2.050E-08	6.294E-15
2.080E+04	4.952E-01	1.167E-02	3.247E-01	1.828E-04	1.379E-07	1.432E-10	1.787E-08	4.657E-15
2.100E+04	4.962E-01	1.060E-02	3.250E-01	2.245E-04	1.212E-07	1.142E-10	1.560E-08	3.760E-15
2.120E+04	4.971E-01	9.651E-03	3.253E-01	2.747E-04	1.066E-07	9.133E-11	1.363E-08	2.920E-15
2.140E+04	4.980E-01	8.795E-03	3.255E-01	3.346E-04	9.400E-08	7.325E-11	1.194E-08	2.276E-15
2.160E+04	4.990E-01	8.026E-03	3.256E-01	4.062E-04	8.299E-08	5.893E-11	1.047E-08	1.779E-15
2.180E+04	4.999E-01	7.334E-03	3.256E-01	4.911E-04	7.339E-08	4.754E-11	9.192E-09	1.395E-15
2.200E+04	5.009E-01	6.710E-03	3.254E-01	5.916E-04	6.500E-08	3.847E-11	8.084E-09	1.098E-15
2.220E+04	5.019E-01	6.146E-03	3.252E-01	7.101E-04	5.767E-08	3.121E-11	7.120E-09	8.667E-16
2.240E+04	5.030E-01	5.637E-03	3.249E-01	8.493E-04	5.124E-08	2.539E-11	6.279E-09	6.862E-16
2.260E+04	5.041E-01	5.177E-03	3.244E-01	1.012E-03	4.560E-08	2.071E-11	5.545E-09	5.450E-16
2.280E+04	5.053E-01	4.759E-03	3.238E-01	1.202E-03	4.064E-08	1.694E-11	4.903E-09	4.341E-16
2.300E+04	5.065E-01	4.381E-03	3.232E-01	1.423E-03	3.628E-08	1.389E-11	4.340E-09	3.468E-16
2.320E+04	5.079E-01	4.037E-03	3.224E-01	1.679E-03	3.243E-08	1.142E-11	3.846E-09	2.779E-16
2.340E+04	5.093E-01	3.724E-03	3.214E-01	1.974E-03	2.903E-08	9.406E-12	3.412E-09	2.232E-16
2.360E+04	5.108E-01	3.438E-03	3.204E-01	2.313E-03	2.603E-08	7.767E-12	3.030E-09	1.798E-16
2.380E+04	5.124E-01	3.178E-03	3.192E-01	2.702E-03	2.337E-08	6.427E-12	2.694E-09	1.452E-16
2.400E+04	5.141E-01	2.940E-03	3.179E-01	3.147E-03	2.100E-08	5.330E-12	2.396E-09	1.176E-16
2.420E+04	5.158E-01	2.723E-03	3.164E-01	3.653E-03	1.890E-08	4.428E-12	2.134E-09	9.542E-17
2.440E+04	5.177E-01	2.524E-03	3.149E-01	4.228E-03	1.703E-08	3.686E-12	1.901E-09	7.762E-17
2.460E+04	5.197E-01	2.341E-03	3.130E-01	4.877E-03	1.537E-08	3.074E-12	1.695E-09	6.327E-17
2.480E+04	5.217E-01	2.173E-03	3.111E-01	5.610E-03	1.388E-08	2.568E-12	1.512E-09	5.168E-17
2.500E+04	5.238E-01	2.019E-03	3.090E-01	6.434E-03	1.255E-08	2.148E-12	1.349E-09	4.230E-17



Table II. - Continued.

C	C+	C++	C-	CO	CO+	CC2	C2	T
2.975E-01	1.200E-02	1.466E-12	2.587E-06	2.734E-02	9.183E-05	4.823E-07	9.142E-05	8.400E+03
2.993E-01	1.55E-02	4.550E-12	2.903E-06	1.924E-02	8.603E-05	2.800E-07	7.511E-05	8.600E+03
2.986E-01	1.691E-02	1.014E-11	3.201E-06	1.338E-02	8.038E-05	1.646E-07	6.126E-05	8.800E+03
2.960E-01	2.274E-02	2.181E-11	3.480E-06	9.375E-03	7.498E-05	9.806E-08	4.975E-05	9.000E+03
2.920E-01	2.705E-02	4.539E-11	3.736E-06	6.624E-03	6.987E-05	5.920E-08	4.030E-05	9.200E+03
2.886E-01	3.188E-02	9.154E-11	3.966E-06	4.717E-03	6.507E-05	3.620E-08	3.259E-05	9.400E+03
2.802E-01	3.718E-02	1.745E-10	4.166E-06	3.384E-03	6.055E-05	2.241E-08	2.630E-05	9.600E+03
2.727E-01	4.301E-02	3.424E-10	4.333E-06	2.444E-03	5.629E-05	1.402E-08	2.119E-05	9.800E+03
2.644E-01	4.933E-02	6.304E-10	4.464E-06	1.776E-03	5.228E-05	8.862E-09	1.704E-05	1.000E+04
2.552E-01	5.612E-02	1.154E-09	4.555E-06	1.248E-03	4.849E-05	5.651E-09	1.366E-05	1.020E+04
2.453E-01	6.333E-02	2.046E-09	4.605E-06	9.526E-04	4.490E-05	1.631E-09	1.092E-05	1.040E+04
2.347E-01	7.092E-02	3.548E-09	4.612E-06	7.019E-04	4.149E-05	2.348E-09	8.689E-06	1.060E+04
2.236E-01	7.881E-02	6.025E-09	4.576E-06	5.188E-04	3.824E-05	1.527E-09	6.847E-06	1.080E+04
2.120E-01	8.692E-02	1.003E-08	4.494E-06	3.844E-04	3.516E-05	9.977E-10	5.432E-06	1.100E+04
2.000E-01	9.517E-02	1.638E-08	4.382E-06	2.854E-04	3.223E-05	6.541E-10	4.262E-06	1.120E+04
1.878E-01	1.035E-01	2.627E-08	4.230E-06	2.121E-04	2.945E-05	4.249E-10	3.325E-06	1.140E+04
1.755E-01	1.117E-01	4.140E-08	4.046E-06	1.578E-04	2.681E-05	2.831E-10	2.580E-06	1.160E+04
1.633E-01	1.197E-01	6.416E-08	3.841E-06	1.174E-04	2.431E-05	1.866E-10	1.989E-06	1.180E+04
1.512E-01	1.275E-01	9.783E-08	3.614E-06	8.734E-05	2.196E-05	1.231E-10	1.525E-06	1.200E+04
1.393E-01	1.349E-01	1.469E-07	3.374E-06	6.495E-05	1.975E-05	8.112E-11	1.162E-06	1.220E+04
1.279E-01	1.418E-01	2.173E-07	3.126E-06	4.827E-05	1.768E-05	5.342E-11	8.811E-07	1.240E+04
1.169E-01	1.482E-01	3.168E-07	2.877E-06	3.584E-05	1.575E-05	3.512E-11	6.644E-07	1.260E+04
1.065E-01	1.540E-01	4.557E-07	2.630E-06	2.658E-05	1.397E-05	2.304E-11	4.986E-07	1.280E+04
9.665E-02	1.591E-01	6.470E-07	2.390E-06	1.969E-05	1.232E-05	1.503E-11	3.725E-07	1.300E+04
8.745E-02	1.636E-01	9.073E-07	2.159E-06	1.456E-05	1.082E-05	9.838E-12	2.773E-07	1.320E+04
7.891E-02	1.675E-01	1.257E-06	1.942E-06	1.076E-05	9.455E-06	6.397E-12	2.057E-07	1.340E+04
7.102E-02	1.707E-01	1.74E-06	1.737E-06	7.932E-06	8.221E-06	4.143E-12	1.522E-07	1.360E+04
6.379E-02	1.733E-01	2.358E-06	1.548E-06	5.840E-06	7.113E-06	2.673E-12	1.123E-07	1.380E+04
5.719E-02	1.753E-01	3.142E-06	1.374E-06	4.292E-06	6.126E-06	1.717E-12	8.276E-08	1.400E+04
5.120E-02	1.768E-01	4.183E-06	1.216E-06	3.150E-06	5.252E-06	1.093E-12	6.091E-08	1.420E+04
4.577E-02	1.778E-01	5.525E-06	1.072E-06	2.308E-06	4.483E-06	6.990E-13	4.478E-08	1.440E+04
4.089E-02	1.785E-01	7.241E-06	9.420E-07	1.689E-06	3.812E-06	4.431E-13	3.292E-08	1.460E+04
3.649E-02	1.787E-01	9.424E-06	8.254E-07	1.234E-06	3.228E-06	2.796E-13	2.420E-08	1.480E+04
3.256E-02	1.787E-01	1.219E-05	7.224E-07	9.010E-07	2.725E-06	1.758E-13	1.780E-08	1.500E+04
2.905E-02	1.786E-01	1.567E-05	6.305E-07	6.573E-07	2.293E-06	1.101E-13	1.311E-08	1.520E+04
2.591E-02	1.780E-01	2.003E-05	5.494E-07	4.792E-07	1.924E-06	6.872E-14	9.662E-09	1.540E+04
2.313E-02	1.774E-01	2.549E-05	4.780E-07	3.493E-07	1.611E-06	4.278E-14	7.136E-09	1.560E+04
2.065E-02	1.767E-01	3.228E-05	4.133E-07	2.547E-07	1.347E-06	2.657E-14	5.282E-09	1.580E+04
1.845E-02	1.759E-01	4.071E-05	3.605E-07	1.658E-07	1.124E-06	1.648E-14	3.919E-09	1.600E+04
1.650E-02	1.752E-01	5.114E-05	3.128E-07	1.356E-07	9.370E-07	1.021E-14	2.916E-09	1.620E+04
1.477E-02	1.744E-01	6.399E-05	2.713E-07	9.916E-08	7.806E-07	6.327E-15	2.176E-09	1.640E+04
1.324E-02	1.736E-01	7.778E-05	2.352E-07	7.262E-08	6.501E-07	3.922E-15	1.629E-09	1.660E+04
1.188E-02	1.729E-01	9.413E-05	2.040E-07	5.329E-08	5.415E-07	2.434E-15	1.224E-09	1.680E+04
1.068E-02	1.722E-01	1.228E-04	1.770E-07	3.920E-08	4.512E-07	1.514E-15	9.227E-10	1.700E+04
9.616E-03	1.716E-01	1.515E-04	1.536E-07	2.891E-08	3.762E-07	9.435E-16	6.982E-10	1.720E+04
8.671E-03	1.709E-01	1.864E-04	1.334E-07	2.139E-08	3.140E-07	5.898E-16	5.304E-10	1.740E+04
7.830E-03	1.704E-01	2.285E-04	1.160E-07	1.587E-08	2.624E-07	3.700E-16	4.045E-10	1.760E+04
7.083E-03	1.698E-01	2.793E-04	1.009E-07	1.182E-08	2.195E-07	2.330E-16	3.097E-10	1.780E+04
6.419E-03	1.693E-01	3.403E-04	8.792E-08	8.832E-09	1.840E-07	1.474E-16	2.380E-10	1.800E+04
5.826E-03	1.689E-01	4.133E-04	7.688E-08	6.825E-09	1.544E-07	9.367E-17	1.836E-10	1.820E+04
5.297E-03	1.684E-01	5.003E-04	6.696E-08	4.988E-09	1.298E-07	5.981E-17	1.422E-10	1.840E+04
4.824E-03	1.680E-01	6.038E-04	5.855E-08	3.770E-09	1.094E-07	3.834E-17	1.105E-10	1.860E+04
4.400E-03	1.676E-01	7.264E-04	5.126E-08	2.861E-09	9.230E-08	2.477E-17	8.625E-11	1.880E+04
4.020E-03	1.672E-01	8.712E-04	4.494E-08	2.179E-09	7.805E-08	1.607E-17	6.754E-11	1.900E+04
3.679E-03	1.668E-01	1.042E-03	3.946E-08	1.667E-09	6.613E-08	1.048E-17	5.307E-11	1.920E+04
3.372E-03	1.663E-01	1.241E-03	3.469E-08	1.280E-09	5.614E-08	6.876E-18	4.184E-11	1.940E+04
3.095E-03	1.659E-01	1.475E-03	3.054E-08	9.862E-10	4.775E-08	4.536E-18	3.310E-11	1.960E+04
2.845E-03	1.654E-01	1.747E-03	2.693E-08	7.630E-10	4.069E-08	3.008E-18	2.626E-11	1.980E+04
2.618E-03	1.650E-01	2.062E-03	2.377E-08	5.926E-10	3.474E-08	2.006E-18	2.090E-11	2.000E+04
2.413E-03	1.646E-01	2.427E-03	2.101E-08	4.619E-10	2.971E-08	1.345E-18	1.668E-11	2.020E+04
2.226E-03	1.638E-01	2.848E-03	1.859E-08	3.613E-10	2.546E-08	9.071E-19	1.335E-11	2.040E+04
2.057E-03	1.632E-01	3.330E-03	1.647E-08	2.836E-10	2.185E-08	6.148E-19	1.071E-11	2.060E+04
1.902E-03	1.625E-01	3.883E-03	1.461E-08	2.233E-10	1.878E-08	4.188E-19	8.611E-12	2.080E+04
1.760E-03	1.617E-01	4.513E-03	1.298E-08	1.764E-10	1.617E-08	2.868E-19	6.939E-12	2.100E+04
1.631E-03	1.608E-01	5.228E-03	1.153E-08	1.398E-10	1.394E-08	1.973E-19	5.603E-12	2.120E+04
1.512E-03	1.598E-01	6.036E-03	1.026E-08	1.111E-10	1.203E-08	1.364E-19	4.532E-12	2.140E+04
1.403E-03	1.587E-01	6.947E-03	9.138E-09	8.859E-11	1.040E-08	9.473E-20	3.672E-12	2.160E+04
1.302E-03	1.574E-01	7.969E-03	8.144E-09	7.080E-11	8.996E-08	6.608E-20	2.979E-12	2.180E+04
1.209E-03	1.561E-01	9.110E-03	7.262E-09	5.673E-11	7.789E-09	4.625E-20	2.419E-12	2.200E+04
1.124E-03	1.545E-01	1.038E-02	6.440E-09	4.555E-11	6.750E-09	3.255E-20	1.967E-12	2.220E+04
1.044E-03	1.528E-01	1.178E-02	5.784E-09	3.666E-11	5.853E-09	2.298E-20	1.600E-12	2.240E+04
9.704E-04	1.510E-01	1.333E-02	5.166E-09	2.956E-11	5.078E-09	1.629E-20	1.302E-12	2.260E+04
9.019E-04	1.490E-01	1.503E-02	4.615E-09	2.388E-11	4.407E-09	1.158E-20	1.060E-12	2.280E+04
8.381E-04	1.468E-01	1.688E-02	4.123E-09	1.932E-11	3.825E-09	8.259E-21	8.626E-13	2.300E+04
7.787E-04	1.444E-01	1.889E-02	3.684E-09	1.566E-11	3.321E-09	5.908E-21	7.019E-13	2.320E+04
7.231E-04	1.418E-01	2.105E-02	3.291E-09	1.271E-11	2.882E-09	4.238E-21	5.708E-13	2.340E+04
6.713E-04	1.390E-01	2.338E-02	2.940E-09	1.032E-11	2.501E-09	3.048E-21	4.639E-13	2.360E+04
6.228E-04	1.361E-01	2.587E-02	2.626E-09	8.392E-12	2.170E-09	2.197E-21	3.767E-13	2.380E+04
5.774E-04	1.329E-01	2.850E-02	2.344E-09	6.829E-12	1.881E-09	1.587E-21	3.055E-13	2.400E+04
5.349E-04	1.296E-01	3.128E-02	2.092E-09	5.560E-12	1.630E-09	1.149E-21	2.474E-13	2.420E+04
4.950E-04	1.261E-01	3.420E-02	1.866E-09	4.529E-12	1.411E-09	8.329E-22	2.001E-13	2.440E+04
4.577E-04	1.224E-01	3.724E-02	1.663E-09	3.690E-12	1.221E-09	6.047E-22	1.615E-13	2.460E+04
4.228E-04	1.186E-01	4.040E-02	1.481E-09	3.008E-12	1.055E-09	4.396E-22	1.301E-13	2.480E+04
3.901E-04	1.147E-01	4.365E-02	1.318E-09	2.451E-12	9.105E-10	3.199E-22	1.047E-13	2.500E+04



Table II. - Continued.

P/PO = 9.00E-01

T	E-	0	0+	0++	-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.384E-11	1.760E-18	0.
2.000E+02	0.	8.046E-68	0.	0.	0.	5.188E-11	1.760E-18	0.
3.000E+02	0.	3.786E-46	3.289E-60	0.	0.	5.782E-11	1.760E-18	0.
4.000E+02	0.	2.523E-35	8.924E-63	0.	0.	4.873E-11	1.760E-18	0.
5.000E+02	0.	8.565E-29	2.558E-52	0.	0.	4.849E-11	1.760E-18	0.
6.000E+02	0.	2.026E-24	2.396E-45	0.	0.	5.049E-11	1.760E-18	3.878E-96
7.000E+02	5.701E-79	2.745E-21	2.321E-40	0.	4.297E-90	5.269E-11	1.760E-18	7.671E-83
8.000E+02	3.832E-67	1.638E-18	4.868E-37	0.	6.072E-77	3.787E-10	1.760E-18	3.535E-71
9.000E+02	2.995E-57	5.120E-16	8.739E-35	0.	1.029E-65	8.125E-09	1.760E-18	8.962E-61
1.000E+03	2.685E-49	5.258E-14	5.420E-33	0.	1.090E-56	1.086E-07	1.760E-18	2.133E-52
1.100E+03	8.815E-43	2.335E-12	1.594E-31	0.	2.636E-49	7.884E-07	1.760E-18	1.522E-45
1.200E+03	2.412E-37	5.520E-11	2.682E-30	0.	3.771E-43	4.375E-06	1.760E-18	7.799E-40
1.300E+03	9.747E-33	8.033E-10	2.934E-29	0.	6.068E-38	1.861E-05	1.760E-18	5.265E-35
1.400E+03	8.755E-29	7.982E-09	2.267E-28	0.	1.759E-33	6.425E-05	1.760E-18	7.230E-31
1.500E+03	2.359E-25	5.842E-08	1.359E-27	0.	1.293E-29	1.877E-04	1.760E-18	2.777E-27
1.600E+03	2.388E-22	3.336E-07	6.487E-27	0.	3.118E-26	4.786E-04	1.760E-18	3.787E-24
1.700E+03	1.018E-19	1.551E-06	2.732E-26	0.	2.835E-23	1.081E-03	1.862E-18	2.078E-21
1.800E+03	5.721E-18	6.081E-06	3.816E-25	0.	3.095E-21	2.262E-03	7.625E-18	1.443E-19
1.900E+03	7.339E-17	2.062E-05	1.171E-23	0.	7.132E-20	4.380E-03	7.743E-17	2.218E-18
2.000E+03	6.620E-16	6.178E-05	2.821E-22	0.	1.081E-18	7.732E-03	6.881E-16	2.327E-17
2.100E+03	4.802E-15	1.663E-04	5.072E-21	0.	1.244E-17	1.298E-02	5.007E-15	1.911E-16
2.200E+03	2.901E-14	4.078E-04	7.053E-20	3.385E-84	1.133E-16	2.063E-02	3.040E-14	1.276E-15
2.300E+03	1.495E-13	9.202E-04	7.817E-19	2.557E-80	8.404E-16	3.126E-02	1.574E-13	7.088E-15
2.400E+03	6.688E-13	1.929E-03	7.117E-18	9.281E-77	5.197E-15	4.489E-02	7.072E-13	3.339E-14
2.500E+03	2.639E-12	3.780E-03	5.440E-17	1.769E-73	2.729E-14	6.181E-02	2.800E-12	1.354E-13
2.600E+03	9.300E-12	6.972E-03	3.563E-16	1.915E-70	1.236E-13	8.147E-02	9.895E-12	4.782E-13
2.700E+03	2.959E-11	1.215E-02	7.034E-15	1.252E-67	4.889E-13	1.049E-01	3.152E-11	1.485E-12
2.800E+03	8.575E-11	2.011E-02	1.027E-14	5.230E-65	1.707E-12	1.247E-01	9.143E-11	4.093E-12
2.900E+03	2.282E-10	3.171E-02	4.641E-14	1.463E-62	5.314E-12	1.449E-01	2.431E-10	1.007E-11
3.000E+03	5.613E-10	4.777E-02	1.899E-13	2.867E-60	1.484E-11	1.618E-01	5.969E-10	2.228E-11
3.100E+03	1.284E-09	6.896E-02	7.103E-13	4.066E-58	3.762E-11	1.736E-01	1.361E-09	4.454E-11
3.200E+03	2.746E-09	9.563E-02	2.449E-12	4.312E-56	8.674E-11	1.791E-01	2.900E-09	8.088E-11
3.300E+03	5.517E-09	1.277E-01	7.837E-12	3.515E-54	1.832E-10	1.779E-01	5.796E-09	1.341E-10
3.400E+03	1.046E-08	1.644E-01	2.344E-11	2.257E-52	3.563E-10	1.701E-01	1.091E-08	2.036E-10
3.500E+03	1.876E-08	2.047E-01	6.586E-11	1.166E-50	6.410E-10	1.567E-01	1.944E-08	2.844E-10
3.600E+03	3.200E-08	2.466E-01	1.708E-10	4.936E-49	1.072E-09	1.393E-01	3.283E-08	3.669E-10
3.700E+03	5.208E-08	2.883E-01	4.396E-10	1.741E-47	1.674E-09	1.186E-01	5.278E-08	4.393E-10
3.800E+03	8.121E-08	3.275E-01	1.052E-09	5.180E-46	2.456E-09	9.945E-02	8.099E-08	4.911E-10
3.900E+03	1.219E-07	3.627E-01	2.403E-09	1.314E-44	3.409E-09	8.036E-02	1.190E-07	5.168E-10
4.000E+03	1.773E-07	3.929E-01	5.246E-09	2.863E-43	4.516E-09	6.341E-02	1.678E-07	5.173E-10
4.100E+03	2.513E-07	4.177E-01	1.096E-08	5.383E-42	5.761E-09	4.914E-02	2.280E-07	4.981E-10
4.200E+03	3.495E-07	4.374E-01	2.192E-08	8.760E-41	7.151E-09	3.761E-02	2.989E-07	4.672E-10
4.300E+03	4.802E-07	4.526E-01	4.196E-08	1.216E-39	8.717E-09	2.859E-02	3.787E-07	4.319E-10
4.400E+03	6.557E-07	4.642E-01	7.686E-08	1.512E-38	1.053E-08	2.167E-02	4.643E-07	3.975E-10
4.500E+03	8.942E-07	4.729E-01	1.378E-07	1.610E-37	1.267E-08	1.645E-02	5.514E-07	3.673E-10
4.600E+03	1.222E-06	4.794E-01	2.264E-07	1.497E-36	1.529E-08	1.253E-02	6.355E-07	3.426E-10
4.700E+03	1.674E-06	4.843E-01	3.654E-07	1.225E-35	1.853E-08	9.601E-03	7.126E-07	3.235E-10
4.800E+03	2.302E-06	4.879E-01	5.682E-07	8.887E-35	2.256E-08	7.404E-03	7.798E-07	3.094E-10
4.900E+03	3.169E-06	4.906E-01	8.546E-07	5.779E-34	2.757E-08	5.753E-03	8.359E-07	2.997E-10
5.000E+03	4.364E-06	4.927E-01	1.248E-06	3.401E-33	3.378E-08	4.505E-03	8.807E-07	2.934E-10
5.100E+03	6.002E-06	4.943E-01	1.776E-06	1.828E-32	4.146E-08	3.555E-03	9.150E-07	2.901E-10
5.200E+03	8.235E-06	4.955E-01	2.470E-06	9.034E-32	5.091E-08	2.828E-03	9.393E-07	2.822E-10
5.300E+03	1.127E-05	4.966E-01	3.362E-06	4.133E-31	6.252E-08	2.267E-03	9.543E-07	2.905E-10
5.400E+03	1.539E-05	4.974E-01	4.486E-06	1.757E-30	7.682E-08	1.832E-03	9.604E-07	2.942E-10
5.500E+03	2.096E-05	4.982E-01	5.874E-06	6.971E-30	9.445E-08	1.491E-03	9.579E-07	3.002E-10
5.600E+03	2.852E-05	4.990E-01	7.550E-06	2.586E-29	1.163E-07	1.223E-03	9.471E-07	3.089E-10
5.700E+03	3.877E-05	4.999E-01	9.533E-06	8.998E-29	1.435E-07	1.010E-03	9.283E-07	3.206E-10
5.800E+03	5.268E-05	5.009E-01	1.183E-05	2.943E-28	1.775E-07	8.407E-04	9.025E-07	3.357E-10
5.900E+03	7.157E-05	5.022E-01	1.445E-05	9.081E-28	2.202E-07	7.047E-04	8.709E-07	3.548E-10
6.000E+03	9.717E-05	5.038E-01	1.739E-05	2.633E-27	2.738E-07	5.952E-04	8.353E-07	3.783E-10
6.100E+03	1.317E-04	5.060E-01	2.066E-05	7.378E-27	3.411E-07	5.066E-04	7.977E-07	4.069E-10
6.200E+03	1.740E-04	5.087E-01	2.429E-05	1.963E-26	4.251E-07	4.346E-04	7.601E-07	4.398E-10
6.300E+03	2.395E-04	5.123E-01	2.834E-05	5.027E-26	5.272E-07	3.759E-04	7.247E-07	4.783E-10
6.400E+03	3.202E-04	5.169E-01	3.290E-05	1.247E-25	6.572E-07	3.289E-04	6.930E-07	5.222E-10
6.500E+03	4.247E-04	5.275E-01	3.808E-05	3.011E-25	8.127E-07	2.885E-04	6.663E-07	5.712E-10
6.600E+03	5.580E-04	5.291E-01	4.406E-05	7.122E-25	9.991E-07	2.559E-04	6.453E-07	6.250E-10
6.700E+03	7.250E-04	5.369E-01	5.104E-05	1.656E-24	1.219E-06	2.289E-04	6.303E-07	6.829E-10
6.800E+03	9.310E-04	5.456E-01	5.926E-05	3.799E-24	1.475E-06	2.062E-04	6.214E-07	7.436E-10
6.900E+03	1.181E-03	5.550E-01	6.901E-05	8.617E-24	1.768E-06	1.869E-04	6.183E-07	8.058E-10
7.000E+03	1.479E-03	5.650E-01	8.060E-05	1.936E-23	2.097E-06	1.702E-04	6.206E-07	8.677E-10
7.100E+03	1.830E-03	5.752E-01	9.441E-05	4.310E-23	2.460E-06	1.556E-04	6.275E-07	9.272E-10
7.200E+03	2.236E-03	5.852E-01	1.109E-04	9.508E-23	2.854E-06	1.426E-04	6.385E-07	9.825E-10
7.300E+03	2.702E-03	5.949E-01	1.303E-04	2.078E-22	3.275E-06	1.309E-04	6.529E-07	1.032E-09
7.400E+03	3.230E-03	6.039E-01	1.534E-04	4.498E-22	3.71E-06	1.202E-04	6.701E-07	1.074E-09
7.500E+03	3.823E-03	6.121E-01	1.805E-04	9.635E-22	4.177E-06	1.183E-04	6.896E-07	1.107E-09
7.600E+03	4.483E-03	6.194E-01	2.124E-04	2.041E-21	4.649E-06	1.013E-04	7.108E-07	1.132E-09
7.700E+03	5.215E-03	6.257E-01	2.496E-04	4.271E-21	5.129E-06	9.289E-05	7.335E-07	1.149E-09
7.800E+03	6.021E-03	6.311E-01	2.929E-04	8.831E-21	5.615E-06	8.516E-05	7.572E-07	1.157E-09
7.900E+03	6.906E-03	6.356E-01	3.431E-04	1.803E-20	6.103E-06	7.884E-05	7.818E-07	1.158E-09
8.000E+03	7.873E-03	6.392E-01	4.010E-04	3.632E-20	6.593E-06	7.151E-05	8.070E-07	1.154E-09
8.200E+03	1.007E-02	6.443E-01	5.439E-04	1.416E-19	7.570E-06	6.084E-05	8.588E-07	1.129E-09

Table II. - Continued.

P/P0 = 9.07E-01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
4.234E-79	4.227E-80	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
2.819E-65	3.029E-67	0.	0.	0.	0.	1.000E+00	0.	7.000E+02
9.462E-56	2.728E-59	0.	0.	0.	0.	1.000E+00	0.	8.000E+02
5.257E-49	1.970E-54	0.	0.	0.	0.	1.000E+00	0.	9.000E+02
1.234E-43	1.348E-50	0.	2.074E-87	2.011E-07	7.955E-28	1.000E+00	7.392E-62	1.000E+03
3.071E-39	1.856E-47	0.	3.538E-77	1.577E-06	6.248E-27	1.000E+00	6.809E-56	1.100E+03
1.417E-35	7.705E-45	0.	1.190E-68	8.749E-06	3.583E-26	1.000E+00	6.354E-51	1.200E+03
1.788E-32	1.272E-42	0.	1.950E-61	3.722E-05	1.552E-25	9.949E-01	1.024E-46	1.300E+03
8.156E-30	1.016E-40	0.	2.978E-55	1.285E-04	5.450E-25	9.998E-01	4.128E-43	1.400E+03
1.647E-27	4.545E-39	2.565E-95	6.806E-50	3.754E-04	1.620E-24	9.994E-01	5.506E-40	1.500E+03
1.714E-25	1.268E-37	1.393E-91	3.323E-45	9.375E-04	4.202E-24	9.986E-01	2.987E-37	1.600E+03
1.334E-23	2.539E-36	1.962E-88	4.296E-41	2.183E-03	1.032E-23	9.967E-01	7.724E-35	1.700E+03
3.956E-22	1.423E-34	2.337E-84	4.970E-38	4.531E-03	8.936E-23	9.932E-01	1.077E-32	1.800E+03
1.331E-20	1.510E-32	8.644E-80	9.477E-36	8.681E-03	1.175E-21	9.870E-01	8.915E-31	1.900E+03
1.940E-19	1.109E-30	1.373E-75	9.634E-34	1.553E-02	2.887E-20	9.767E-01	4.736E-29	2.000E+03
2.756E-18	5.517E-29	8.921E-72	6.183E-32	2.612E-02	3.655E-19	9.607E-01	1.718E-27	2.100E+03
3.070E-17	1.927E-27	2.547E-68	2.713E-30	4.167E-02	3.639E-18	9.373E-01	4.477E-26	2.200E+03
2.764E-16	4.983E-26	3.970E-65	8.443E-29	6.325E-02	2.980E-17	9.047E-01	8.734E-25	2.300E+03
2.068E-15	9.844E-25	3.284E-62	1.949E-27	9.171E-02	2.044E-16	8.615E-01	1.320E-23	2.400E+03
1.310E-14	1.546E-23	1.612E-59	3.449E-26	1.274E-01	1.198E-15	8.070E-01	1.590E-22	2.500E+03
7.166E-14	1.973E-22	4.998E-57	4.812E-25	1.699E-01	6.101E-15	7.416E-01	1.565E-21	2.600E+03
3.435E-13	2.094E-21	1.033E-54	5.423E-24	2.180E-01	2.741E-14	6.670E-01	1.284E-20	2.700E+03
1.463E-12	1.893E-20	1.490E-52	5.038E-23	2.694E-01	1.100E-13	5.858E-01	8.957E-20	2.800E+03
5.608E-12	1.491E-19	1.564E-50	3.930E-22	3.215E-01	3.991E-13	5.018E-01	5.397E-19	2.900E+03
1.955E-11	1.032E-18	1.234E-48	2.616E-21	3.713E-01	1.322E-12	4.191E-01	2.854E-18	3.000E+03
6.261E-11	6.380E-18	7.395E-47	1.508E-20	4.161E-01	4.039E-12	3.414E-01	1.344E-17	3.100E+03
1.861E-10	3.578E-17	3.729E-45	7.640E-20	4.538E-01	1.149E-11	2.715E-01	5.721E-17	3.200E+03
5.179E-10	1.842E-16	1.503E-43	3.442E-19	4.834E-01	3.068E-11	2.111E-01	2.231E-16	3.300E+03
1.361E-09	8.811E-16	5.380E-42	1.396E-18	5.046E-01	7.758E-11	1.609E-01	8.080E-16	3.400E+03
3.408E-09	3.956E-15	1.476E-40	5.156E-18	5.182E-01	1.872E-10	1.204E-01	2.752E-15	3.500E+03
8.183E-09	1.583E-14	3.722E-39	1.751E-17	5.253E-01	4.340E-10	8.877E-02	8.922E-15	3.600E+03
1.897E-08	6.838E-14	8.301E-38	5.523E-17	5.275E-01	9.724E-10	6.463E-02	2.781E-14	3.700E+03
4.269E-08	2.668E-13	1.657E-36	1.633E-16	5.264E-01	2.115E-09	4.663E-02	8.402E-14	3.800E+03
9.363E-08	1.003E-12	3.700E-35	4.560E-16	5.235E-01	4.480E-09	3.345E-02	2.475E-13	3.900E+03
2.006E-07	3.630E-12	4.885E-34	1.213E-15	5.197E-01	9.245E-09	2.395E-02	7.126E-13	4.000E+03
4.202E-07	1.264E-11	7.164E-33	3.093E-15	5.160E-01	1.858E-08	1.716E-02	2.007E-12	4.100E+03
8.509E-07	4.216E-11	9.434E-32	7.413E-15	5.126E-01	3.625E-08	1.235E-02	5.320E-12	4.200E+03
1.724E-06	1.342E-10	1.110E-30	1.820E-14	5.098E-01	6.852E-08	8.949E-03	1.480E-11	4.300E+03
3.376E-06	4.037E-10	1.161E-29	4.246E-14	5.076E-01	1.250E-07	6.536E-03	3.859E-11	4.400E+03
6.458E-06	1.163E-09	1.077E-28	9.713E-14	5.058E-01	2.199E-07	4.819E-03	9.772E-11	4.500E+03
1.207E-05	3.133E-09	8.857E-28	2.185E-13	5.045E-01	3.723E-07	3.588E-03	2.400E-10	4.600E+03
2.206E-05	8.103E-09	6.484E-27	4.839E-13	5.034E-01	6.073E-07	2.699E-03	5.718E-10	4.700E+03
3.942E-05	1.978E-08	4.253E-26	1.055E-12	5.026E-01	9.569E-07	2.051E-03	1.321E-09	4.800E+03
6.895E-05	4.602E-08	2.519E-25	2.265E-12	5.020E-01	1.460E-06	1.574E-03	2.962E-09	4.900E+03
1.181E-04	1.025E-07	1.359E-24	4.779E-12	5.015E-01	2.167E-06	1.220E-03	6.449E-09	5.000E+03
1.984E-04	2.190E-07	6.731E-24	9.902E-12	5.010E-01	3.133E-06	9.544E-04	1.305E-08	5.100E+03
3.268E-04	4.509E-07	3.080E-23	2.015E-11	5.005E-01	4.426E-06	7.533E-04	2.812E-08	5.200E+03
5.288E-04	8.963E-07	1.310E-22	4.027E-11	5.000E-01	6.121E-06	5.997E-04	5.640E-08	5.300E+03
8.405E-04	1.723E-06	5.191E-22	7.912E-11	4.994E-01	8.295E-06	4.812E-04	1.103E-07	5.400E+03
1.314E-03	3.206E-06	1.924E-21	1.529E-10	4.986E-01	1.102E-05	3.891E-04	2.104E-07	5.500E+03
2.019E-03	5.781E-06	6.584E-21	2.910E-10	4.974E-01	1.436E-05	3.168E-04	3.918E-07	5.600E+03
3.355E-03	1.010E-05	2.179E-20	5.460E-10	4.957E-01	1.834E-05	2.596E-04	7.123E-07	5.700E+03
4.549E-03	1.713E-05	6.683E-20	1.010E-09	4.934E-01	2.299E-05	2.139E-04	1.264E-06	5.800E+03
6.666E-03	2.820E-05	1.931E-19	1.843E-09	4.902E-01	2.828E-05	1.772E-04	2.190E-06	5.900E+03
9.612E-03	4.508E-05	3.274E-19	3.314E-09	4.856E-01	3.414E-05	1.474E-04	3.698E-06	6.000E+03
1.363E-02	7.010E-05	1.366E-18	5.862E-09	4.795E-01	4.050E-05	1.231E-04	6.080E-06	6.100E+03
1.900E-02	1.051E-04	3.366E-18	1.018E-08	4.713E-01	4.727E-05	1.030E-04	9.719E-06	6.200E+03
2.500E-02	1.547E-04	7.933E-18	1.732E-08	4.677E-01	5.432E-05	8.629E-05	1.507E-05	6.300E+03
3.491E-02	2.258E-04	1.793E-17	2.877E-08	4.471E-01	6.154E-05	7.228E-05	2.261E-05	6.400E+03
4.592E-02	3.180E-04	3.407E-17	4.652E-08	4.304E-01	6.881E-05	6.045E-05	3.276E-05	6.500E+03
5.914E-02	4.383E-04	8.235E-17	7.308E-08	4.103E-01	7.599E-05	5.039E-05	4.573E-05	6.600E+03
7.451E-02	5.917E-04	1.584E-16	1.113E-07	3.868E-01	8.293E-05	4.182E-05	6.139E-05	6.700E+03
9.182E-02	7.823E-04	3.352E-16	1.640E-07	3.604E-01	8.948E-05	3.449E-05	7.922E-05	6.800E+03
1.107E-01	1.018E-03	6.508E-16	2.338E-07	3.316E-01	9.549E-05	2.823E-05	9.825E-05	6.900E+03
1.305E-01	1.299E-03	1.235E-15	3.226E-07	3.012E-01	1.008E-04	2.291E-05	1.172E-04	7.000E+03
1.508E-01	1.532E-03	2.296E-15	4.313E-07	2.700E-01	1.053E-04	1.843E-05	1.348E-04	7.100E+03
1.709E-01	2.019E-03	4.185E-15	5.595E-07	2.391E-01	1.090E-04	1.468E-05	1.495E-04	7.200E+03
1.902E-01	2.463E-03	7.493E-15	7.055E-07	2.092E-01	1.117E-04	1.158E-05	1.609E-04	7.300E+03
2.083E-01	2.967E-03	1.319E-14	8.670E-07	1.811E-01	1.134E-04	9.058E-05	1.580E-04	7.400E+03
2.247E-01	3.532E-03	2.284E-14	1.041E-06	1.552E-01	1.143E-04	7.027E-06	1.711E-04	7.500E+03
2.394E-01	4.162E-03	3.893E-14	1.224E-06	1.319E-01	1.143E-04	5.413E-06	1.703E-04	7.600E+03
2.521E-01	4.859E-03	6.543E-14	1.412E-06	1.114E-01	1.135E-04	4.146E-06	1.663E-04	7.700E+03
2.630E-01	5.623E-03	1.084E-13	1.604E-06	9.354E-02	1.122E-04	3.162E-06	1.598E-04	7.800E+03
2.721E-01	6.440E-03	1.777E-13	1.797E-06	7.821E-02	1.104E-04	2.404E-06	1.515E-04	7.900E+03
2.796E-01	7.372E-03	2.872E-13	1.989E-06	6.521E-02	1.081E-04	1.825E-06	1.420E-04	8.000E+03
2.902E-01	9.435E-03	7.240E-12	2.366E-06	4.511E-02	1.029E-04	1.050E-06	1.217E-04	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.266E-02	6.471E-01	7.303E-04	5.138E-19	8.541E-06	5.049E-05	9.120E-07	1.091E-09
8.600E+03	1.568E-02	6.480E-01	9.703E-04	1.838E-18	9.504E-06	4.257E-05	9.663E-07	1.044E-09
8.800E+03	1.918E-02	6.475E-01	1.776E-03	6.132E-18	1.046E-05	3.602E-05	1.021E-06	9.928E-10
9.000E+03	2.319E-02	6.460E-01	1.660E-03	1.949E-17	1.139E-05	3.060E-05	1.077E-06	9.394E-10
9.200E+03	2.776E-02	6.435E-01	2.139E-03	5.919E-17	1.231E-05	2.689E-05	1.134E-06	8.854E-10
9.400E+03	3.293E-02	6.402E-01	2.731E-03	1.722E-16	1.319E-05	2.293E-05	1.190E-06	8.318E-10
9.600E+03	3.872E-02	6.361E-01	3.457E-03	4.808E-16	1.405E-05	1.927E-05	1.247E-06	7.789E-10
9.800E+03	4.516E-02	6.313E-01	4.339E-03	1.292E-15	1.485E-05	1.652E-05	1.305E-06	7.273E-10
1.000E+04	5.226E-02	6.257E-01	5.404E-03	3.351E-15	1.560E-05	1.427E-05	1.362E-06	6.769E-10
1.020E+04	6.004E-02	6.194E-01	6.681E-03	8.401E-15	1.629E-05	1.286E-05	1.418E-06	6.280E-10
1.040E+04	6.849E-02	6.114E-01	8.202E-03	2.040E-14	1.690E-05	1.072E-05	1.474E-06	5.807E-10
1.060E+04	7.760E-02	6.046E-01	1.000E-02	4.809E-14	1.743E-05	9.321E-06	1.529E-06	5.350E-10
1.080E+04	8.735E-02	5.961E-01	1.212E-02	1.102E-13	1.787E-05	8.111E-06	1.582E-06	4.911E-10
1.100E+04	9.772E-02	5.867E-01	1.460E-02	2.460E-13	1.822E-05	7.062E-06	1.634E-06	4.489E-10
1.120E+04	1.087E-01	5.766E-01	1.749E-02	5.352E-13	1.846E-05	6.154E-06	1.683E-06	4.086E-10
1.140E+04	1.201E-01	5.656E-01	2.083E-02	1.137E-12	1.860E-05	5.362E-06	1.729E-06	3.703E-10
1.160E+04	1.321E-01	5.539E-01	2.467E-02	2.363E-12	1.863E-05	4.669E-06	1.771E-06	3.340E-10
1.180E+04	1.444E-01	5.412E-01	2.906E-02	4.794E-12	1.856E-05	4.063E-06	1.808E-06	2.998E-10
1.200E+04	1.572E-01	5.278E-01	3.404E-02	9.535E-12	1.839E-05	3.531E-06	1.839E-06	2.677E-10
1.220E+04	1.703E-01	5.134E-01	3.966E-02	1.858E-11	1.811E-05	3.063E-06	1.863E-06	2.377E-10
1.240E+04	1.836E-01	4.983E-01	4.595E-02	3.549E-11	1.775E-05	2.650E-06	1.879E-06	2.099E-10
1.260E+04	1.971E-01	4.823E-01	5.293E-02	6.650E-11	1.729E-05	2.288E-06	1.886E-06	1.842E-10
1.280E+04	2.109E-01	4.654E-01	6.063E-02	1.223E-10	1.675E-05	1.968E-06	1.883E-06	1.607E-10
1.300E+04	2.247E-01	4.478E-01	6.904E-02	2.208E-10	1.615E-05	1.686E-06	1.869E-06	1.392E-10
1.320E+04	2.386E-01	4.294E-01	7.814E-02	3.914E-10	1.547E-05	1.439E-06	1.844E-06	1.198E-10
1.340E+04	2.525E-01	4.104E-01	8.789E-02	6.818E-10	1.475E-05	1.222E-06	1.806E-06	1.023E-10
1.360E+04	2.664E-01	3.908E-01	9.825E-02	1.167E-09	1.397E-05	1.071E-06	1.757E-06	8.675E-11
1.380E+04	2.803E-01	3.707E-01	1.091E-01	1.965E-09	1.316E-05	8.666E-07	1.696E-06	7.296E-11
1.400E+04	2.939E-01	3.502E-01	1.205E-01	3.255E-09	1.233E-05	7.254E-07	1.624E-06	6.087E-11
1.420E+04	3.074E-01	3.296E-01	1.321E-01	5.305E-09	1.141E-05	6.000E-07	1.543E-06	5.035E-11
1.440E+04	3.207E-01	3.088E-01	1.440E-01	8.514E-09	1.063E-05	4.944E-07	1.454E-06	4.129E-11
1.460E+04	3.336E-01	2.882E-01	1.560E-01	1.346E-08	9.783E-06	4.047E-07	1.359E-06	3.357E-11
1.480E+04	3.461E-01	2.679E-01	1.680E-01	2.094E-08	8.951E-06	3.291E-07	1.260E-06	2.706E-11
1.500E+04	3.581E-01	2.480E-01	1.799E-01	3.226E-08	8.143E-06	2.658E-07	1.160E-06	2.163E-11
1.520E+04	3.697E-01	2.286E-01	1.915E-01	4.694E-08	7.366E-06	2.193E-07	1.059E-06	1.714E-11
1.540E+04	3.807E-01	2.100E-01	2.028E-01	7.332E-08	6.627E-06	1.701E-07	9.592E-07	1.348E-11
1.560E+04	3.911E-01	1.922E-01	2.137E-01	1.085E-07	5.932E-06	1.349E-07	8.632E-07	1.051E-11
1.580E+04	4.009E-01	1.753E-01	2.240E-01	1.587E-07	5.284E-06	1.063E-07	7.717E-07	8.144E-12
1.600E+04	4.101E-01	1.595E-01	2.338E-01	2.296E-07	4.686E-06	8.341E-08	6.857E-07	6.267E-12
1.620E+04	4.185E-01	1.446E-01	2.430E-01	3.288E-07	4.138E-06	6.515E-08	6.060E-07	4.794E-12
1.640E+04	4.264E-01	1.308E-01	2.516E-01	4.659E-07	3.640E-06	5.068E-08	5.329E-07	3.641E-12
1.660E+04	4.336E-01	1.181E-01	2.595E-01	6.541E-07	3.192E-06	3.930E-08	4.665E-07	2.763E-12
1.680E+04	4.402E-01	1.064E-01	2.668E-01	9.049E-07	2.791E-06	3.039E-08	4.069E-07	2.085E-12
1.700E+04	4.462E-01	9.571E-02	2.735E-01	1.255E-06	2.435E-06	2.346E-08	3.537E-07	1.568E-12
1.720E+04	4.517E-01	8.600E-02	2.795E-01	1.716E-06	2.119E-06	1.808E-08	3.067E-07	1.177E-12
1.740E+04	4.566E-01	7.721E-02	2.850E-01	2.328E-06	1.842E-06	1.392E-08	2.653E-07	8.614E-13
1.760E+04	4.611E-01	6.927E-02	2.900E-01	3.135E-06	1.599E-06	1.071E-08	2.291E-07	6.595E-13
1.780E+04	4.651E-01	6.213E-02	2.945E-01	4.191E-06	1.387E-06	8.243E-09	1.976E-07	4.932E-13
1.800E+04	4.687E-01	5.572E-02	2.985E-01	5.564E-06	1.202E-06	6.348E-09	1.703E-07	3.689E-13
1.820E+04	4.719E-01	4.998E-02	3.021E-01	7.339E-06	1.042E-06	4.993E-09	1.467E-07	2.761E-13
1.840E+04	4.748E-01	4.484E-02	3.053E-01	9.618E-06	9.028E-07	3.777E-09	1.264E-07	2.068E-13
1.860E+04	4.774E-01	4.025E-02	3.081E-01	1.253E-05	7.827E-07	2.920E-09	1.089E-07	1.551E-13
1.880E+04	4.798E-01	3.616E-02	3.106E-01	1.622E-05	6.789E-07	2.242E-09	9.382E-08	1.105E-13
1.900E+04	4.819E-01	3.250E-02	3.129E-01	2.089E-05	5.893E-07	1.755E-09	8.090E-08	8.775E-14
1.920E+04	4.838E-01	2.924E-02	3.149E-01	2.675E-05	5.119E-07	1.366E-09	6.983E-08	6.621E-14
1.940E+04	4.855E-01	2.634E-02	3.166E-01	3.408E-05	4.452E-07	1.065E-09	6.033E-08	5.009E-14
1.960E+04	4.871E-01	2.374E-02	3.182E-01	4.320E-05	3.875E-07	8.381E-10	5.218E-08	3.799E-14
1.980E+04	4.885E-01	2.143E-02	3.195E-01	5.450E-05	3.378E-07	6.543E-10	4.518E-08	2.890E-14
2.000E+04	4.898E-01	1.936E-02	3.207E-01	6.842E-05	2.948E-07	5.137E-10	3.918E-08	2.204E-14
2.020E+04	4.910E-01	1.752E-02	3.217E-01	8.550E-05	2.576E-07	4.051E-10	3.402E-08	1.687E-14
2.040E+04	4.921E-01	1.587E-02	3.226E-01	1.064E-04	2.254E-07	3.204E-10	2.958E-08	1.295E-14
2.060E+04	4.932E-01	1.439E-02	3.233E-01	1.318E-04	1.976E-07	2.542E-10	2.576E-08	9.967E-15
2.080E+04	4.942E-01	1.307E-02	3.240E-01	1.625E-04	1.734E-07	2.022E-10	2.247E-08	7.698E-15
2.100E+04	4.952E-01	1.187E-02	3.245E-01	1.996E-04	1.525E-07	1.514E-10	1.943E-08	5.964E-15
2.120E+04	4.961E-01	1.082E-02	3.248E-01	2.443E-04	1.342E-07	1.201E-10	1.717E-08	4.636E-15
2.140E+04	4.971E-01	9.864E-03	3.251E-01	2.977E-04	1.184E-07	1.036E-10	1.504E-08	3.615E-15
2.160E+04	4.980E-01	9.004E-03	3.253E-01	3.614E-04	1.045E-07	8.343E-11	1.320E-08	2.828E-15
2.180E+04	4.989E-01	8.230E-03	3.254E-01	4.371E-04	9.247E-08	6.735E-11	1.160E-08	2.220E-15
2.200E+04	4.999E-01	7.531E-03	3.255E-01	5.268E-04	8.192E-08	5.452E-11	1.021E-08	1.747E-15
2.220E+04	5.009E-01	6.901E-03	3.252E-01	6.325E-04	7.269E-08	4.426E-11	8.993E-09	1.380E-15
2.240E+04	5.019E-01	6.331E-03	3.250E-01	7.568E-04	6.460E-08	3.603E-11	7.935E-09	1.093E-15
2.260E+04	5.030E-01	5.815E-03	3.246E-01	9.023E-04	5.750E-08	2.940E-11	7.011E-09	8.684E-16
2.280E+04	5.041E-01	5.347E-03	3.242E-01	1.072E-03	5.125E-08	2.406E-11	6.203E-09	6.919E-16
2.300E+04	5.053E-01	4.923E-03	3.236E-01	1.270E-03	4.575E-08	1.974E-11	5.494E-09	5.530E-16
2.320E+04	5.066E-01	4.537E-03	3.229E-01	1.499E-03	4.090E-08	1.623E-11	4.872E-09	4.442E-16
2.340E+04	5.079E-01	4.186E-03	3.221E-01	1.763E-03	3.662E-08	1.338E-11	4.325E-09	3.561E-16
2.360E+04	5.093E-01	3.867E-03	3.212E-01	2.067E-03	3.283E-08	1.105E-11	3.843E-09	2.870E-16
2.380E+04	5.108E-01	3.575E-03	3.201E-01	2.416E-03	2.948E-08	9.149E-12	3.418E-09	2.319E-16
2.400E+04	5.124E-01	3.308E-03	3.189E-01	2.816E-03	2.650E-08	7.501E-12	3.043E-09	1.878E-16
2.420E+04	5.141E-01	3.065E-03	3.176E-01	3.271E-03	2.385E-08	6.310E-12	2.712E-09	1.525E-16
2.440E+04	5.159E-01	2.841E-03	3.161E-01	3.788E-03	2.150E-08	5.256E-12	2.418E-09	1.201E-16
2.460E+04	5.177E-01	2.636E-03	3.145E-01	4.373E-03	1.940E-08	4.386E-12	2.157E-09	1.012E-16
2.480E+04	5.197E-01	2.448E-03	3.127E-01	5.034E-03	1.752E-08	3.686E-12	1.926E-09	8.269E-17
2.500E+04	5.217E-01	2.275E-03	3.108E-01	5.777E-03	1.584E-08	3.089E-12	1.720E-09	6.771E-17

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.963E-01	1.185E-02	1.746E-12	2.720E-06	3.117E-02	9.709E-05	6.069E-07	1.020E-04	8.400E+03
2.989E-01	1.463E-02	4.042E-12	3.074E-06	2.161E-02	9.115E-05	3.539E-07	8.428E-05	8.600E+03
2.989E-01	1.783E-02	9.009E-12	3.402E-06	1.507E-02	8.532E-05	2.087E-07	5.906E-05	8.800E+03
2.969E-01	2.147E-02	1.918E-11	3.708E-06	1.059E-02	7.971E-05	1.247E-07	5.631E-05	9.000E+03
2.934E-01	2.556E-02	4.035E-11	3.991E-06	7.499E-03	7.440E-05	7.551E-08	4.378E-05	9.200E+03
2.885E-01	3.014E-02	4.143E-11	4.248E-06	5.352E-03	6.938E-05	4.630E-08	3.715E-05	9.400E+03
2.826E-01	3.521E-02	1.596E-10	4.474E-06	3.848E-03	6.466E-05	2.874E-08	3.010E-05	9.500E+03
2.756E-01	4.077E-02	3.045E-10	4.667E-06	2.786E-03	6.021E-05	1.804E-08	2.434E-05	9.800E+03
2.677E-01	4.682E-02	5.662E-10	4.821E-06	2.030E-03	5.601E-05	1.143E-08	1.955E-05	1.000E+04
2.589E-01	5.332E-02	1.027E-09	4.935E-06	1.487E-03	5.204E-05	7.316E-09	1.582E-05	1.020E+04
2.495E-01	6.026E-02	1.821E-09	5.006E-06	1.095E-03	4.828E-05	4.718E-09	1.270E-05	1.040E+04
2.393E-01	6.757E-02	3.159E-09	5.031E-06	8.095E-04	4.471E-05	3.063E-09	1.016E-05	1.060E+04
2.286E-01	7.521E-02	5.367E-09	5.011E-06	6.004E-04	4.132E-05	2.001E-09	8.098E-06	1.080E+04
2.173E-01	8.309E-02	8.939E-09	4.947E-06	4.466E-04	3.808E-05	1.313E-09	6.425E-06	1.100E+04
2.057E-01	9.115E-02	1.461E-08	4.840E-06	3.328E-04	3.501E-05	8.651E-10	5.072E-06	1.120E+04
1.938E-01	9.928E-02	2.344E-08	4.694E-06	2.484E-04	3.208E-05	5.717E-10	3.984E-06	1.140E+04
1.818E-01	1.074E-01	3.697E-08	4.514E-06	1.856E-04	2.930E-05	3.786E-10	3.112E-06	1.150E+04
1.697E-01	1.154E-01	5.734E-08	4.304E-06	1.388E-04	2.666E-05	2.511E-10	2.417E-06	1.180E+04
1.577E-01	1.232E-01	8.752E-08	4.070E-06	1.038E-04	2.417E-05	1.666E-10	1.867E-06	1.200E+04
1.459E-01	1.306E-01	1.315E-07	3.820E-06	7.740E-05	2.182E-05	1.106E-10	1.434E-06	1.220E+04
1.344E-01	1.376E-01	948E-07	3.558E-06	5.799E-05	1.961E-05	7.333E-11	1.095E-06	1.240E+04
1.234E-01	1.442E-01	844E-07	3.291E-06	4.330E-05	1.755E-05	4.858E-11	8.320E-07	1.260E+04
1.128E-01	1.502E-01	4.996E-07	3.024E-06	3.230E-05	1.563E-05	3.212E-11	6.292E-07	1.280E+04
1.028E-01	1.557E-01	5.822E-07	2.761E-06	2.407E-05	1.386E-05	2.119E-11	4.737E-07	1.300E+04
9.332E-02	1.605E-01	8.175E-07	2.508E-06	1.791E-05	1.223E-05	1.394E-11	3.552E-07	1.320E+04
8.430E-02	1.646E-01	1.134E-06	2.265E-06	1.331E-05	1.074E-05	9.146E-12	2.654E-07	1.340E+04
7.633E-02	1.682E-01	1.557E-06	2.037E-06	9.877E-06	9.384E-06	5.978E-12	1.977E-07	1.360E+04
6.879E-02	1.711E-01	2.114E-06	1.823E-06	7.318E-06	8.162E-06	3.893E-12	1.459E-07	1.380E+04
6.187E-02	1.735E-01	2.843E-06	1.626E-06	5.414E-06	7.067E-06	2.525E-12	1.090E-07	1.400E+04
5.556E-02	1.753E-01	3.788E-06	1.444E-06	3.999E-06	6.091E-06	1.631E-12	8.070E-08	1.420E+04
4.982E-02	1.766E-01	5.006E-06	1.278E-06	2.950E-06	5.227E-06	1.049E-12	5.969E-08	1.440E+04
4.463E-02	1.775E-01	6.553E-06	1.128E-06	2.172E-06	4.467E-06	6.715E-13	4.413E-08	1.460E+04
3.994E-02	1.780E-01	8.544E-06	9.932E-07	1.598E-06	3.804E-06	4.282E-13	3.261E-08	1.480E+04
3.573E-02	1.782E-01	1.103E-05	8.720E-07	1.174E-06	3.227E-06	2.719E-13	2.411E-08	1.500E+04
3.195E-02	1.781E-01	1.420E-05	7.639E-07	8.616E-07	2.729E-06	1.720E-13	1.784E-08	1.520E+04
2.836E-02	1.778E-01	1.815E-05	6.679E-07	6.320E-07	2.301E-06	1.085E-13	1.321E-08	1.540E+04
2.554E-02	1.774E-01	2.308E-05	5.830E-07	4.634E-07	1.936E-06	6.817E-14	9.794E-09	1.560E+04
2.285E-02	1.768E-01	2.922E-05	5.082E-07	3.398E-07	1.625E-06	4.275E-14	7.276E-09	1.580E+04
2.045E-02	1.762E-01	3.682E-05	4.425E-07	2.492E-07	1.362E-06	2.676E-14	5.417E-09	1.600E+04
1.832E-02	1.754E-01	4.520E-05	3.849E-07	1.829E-07	1.140E-06	1.672E-14	4.042E-09	1.620E+04
1.642E-02	1.747E-01	5.776E-05	3.347E-07	1.343E-07	9.530E-07	1.045E-14	3.025E-09	1.640E+04
1.474E-02	1.740E-01	7.195E-05	2.909E-07	9.883E-08	7.964E-07	6.527E-15	2.271E-09	1.660E+04
1.324E-02	1.733E-01	8.931E-05	2.528E-07	7.283E-08	6.654E-07	4.080E-15	1.710E-09	1.680E+04
1.192E-02	1.726E-01	1.105E-04	2.198E-07	5.378E-08	5.560E-07	2.554E-15	1.292E-09	1.700E+04
1.074E-02	1.719E-01	1.362E-04	1.911E-07	3.981E-08	4.649E-07	1.602E-15	9.792E-10	1.720E+04
9.589E-03	1.713E-01	1.674E-04	1.663E-07	2.954E-08	3.889E-07	1.007E-15	7.451E-10	1.740E+04
8.756E-03	1.707E-01	2.051E-04	1.448E-07	2.199E-08	3.257E-07	6.351E-16	5.690E-10	1.760E+04
7.926E-03	1.701E-01	2.505E-04	1.261E-07	1.642E-08	2.730E-07	4.019E-16	4.362E-10	1.780E+04
7.186E-03	1.696E-01	3.050E-04	1.100E-07	1.230E-08	2.292E-07	2.553E-16	3.356E-10	1.800E+04
6.526E-03	1.691E-01	3.701E-04	9.606E-08	9.246E-09	1.927E-07	1.629E-16	2.592E-10	1.820E+04
5.936E-03	1.687E-01	4.478E-04	8.397E-08	6.975E-09	1.623E-07	1.044E-16	2.009E-10	1.840E+04
5.409E-03	1.682E-01	5.402E-04	7.349E-08	5.282E-09	1.369E-07	6.721E-17	1.563E-10	1.860E+04
4.936E-03	1.678E-01	6.496E-04	6.440E-08	4.014E-09	1.156E-07	4.349E-17	1.221E-10	1.880E+04
4.512E-03	1.674E-01	7.787E-04	5.651E-08	3.063E-09	9.790E-08	2.829E-17	9.567E-11	1.900E+04
4.130E-03	1.670E-01	9.307E-04	4.965E-08	2.346E-09	8.303E-08	1.850E-17	7.523E-11	1.920E+04
3.787E-03	1.666E-01	1.109E-03	4.368E-08	1.803E-09	7.056E-08	1.216E-17	5.936E-11	1.940E+04
3.477E-03	1.662E-01	1.317E-03	3.848E-08	1.392E-09	6.007E-08	8.037E-18	4.699E-11	1.960E+04
3.197E-03	1.657E-01	1.560E-03	3.394E-08	1.078E-09	5.123E-08	5.341E-18	3.731E-11	1.980E+04
2.944E-03	1.653E-01	1.842E-03	2.998E-08	8.579E-10	4.378E-08	3.568E-18	2.972E-11	2.000E+04
2.714E-03	1.648E-01	2.167E-03	2.652E-08	6.537E-10	3.747E-08	2.396E-18	2.374E-11	2.020E+04
2.505E-03	1.642E-01	2.543E-03	2.348E-08	5.118E-10	3.213E-08	1.618E-18	1.901E-11	2.040E+04
2.315E-03	1.636E-01	2.975E-03	2.082E-08	4.021E-10	2.760E-08	1.098E-18	1.527E-11	2.060E+04
2.142E-03	1.630E-01	3.470E-03	1.848E-08	3.170E-10	2.375E-08	7.492E-19	1.229E-11	2.080E+04
1.984E-03	1.623E-01	4.034E-03	1.642E-08	2.507E-10	2.046E-08	5.137E-19	9.942E-12	2.100E+04
1.939E-03	1.614E-01	4.675E-03	1.460E-08	1.988E-10	1.765E-08	3.539E-19	8.013E-12	2.120E+04
1.706E-03	1.605E-01	5.402E-03	1.300E-08	1.582E-10	1.525E-08	2.450E-19	6.490E-12	2.140E+04
1.584E-03	1.595E-01	6.221E-03	1.158E-08	1.262E-10	1.319E-08	1.703E-19	5.265E-12	2.160E+04
1.471E-03	1.584E-01	7.141E-03	1.033E-08	1.010E-10	1.143E-08	1.190E-19	4.278E-12	2.180E+04
1.368E-03	1.572E-01	8.172E-03	9.220E-09	8.100E-11	9.906E-09	8.346E-20	3.480E-12	2.200E+04
1.272E-03	1.558E-01	9.319E-03	8.234E-09	6.512E-11	8.595E-09	5.878E-20	2.834E-12	2.220E+04
1.183E-03	1.543E-01	1.059E-02	7.357E-09	5.247E-11	7.463E-09	4.156E-20	2.310E-12	2.240E+04
1.101E-03	1.526E-01	1.209E-02	6.577E-09	4.237E-11	6.484E-09	2.950E-20	1.884E-12	2.260E+04
1.024E-03	1.507E-01	1.355E-02	5.882E-09	3.478E-11	5.635E-09	2.101E-20	1.537E-12	2.280E+04
9.530E-04	1.487E-01	1.524E-02	5.261E-09	2.776E-11	4.900E-09	1.501E-20	1.255E-12	2.300E+04
8.866E-04	1.465E-01	1.704E-02	4.707E-09	2.255E-11	4.261E-09	1.076E-20	1.024E-12	2.320E+04
8.247E-04	1.441E-01	1.908E-02	4.211E-09	1.833E-11	3.706E-09	7.732E-21	8.353E-13	2.340E+04
7.668E-04	1.416E-01	2.123E-02	3.768E-09	1.492E-11	3.222E-09	5.573E-21	6.811E-13	2.360E+04
7.127E-04	1.388E-01	2.353E-02	3.370E-09	1.215E-11	2.801E-09	4.027E-21	5.549E-13	2.380E+04
6.620E-04	1.359E-01	2.599E-02	3.014E-09	9.910E-12	2.435E-09	2.916E-21	4.518E-13	2.400E+04
6.145E-04	1.329E-01	2.859E-02	2.695E-09	8.087E-12	2.115E-09	2.116E-21	3.673E-13	2.420E+04
5.699E-04	1.293E-01	3.134E-02	2.408E-09	6.604E-12	1.836E-09	1.538E-21	2.983E-13	2.440E+04
5.282E-04	1.260E-01	3.421E-02	2.151E-09	5.395E-12	1.592E-09	1.120E-21	2.419E-13	2.460E+04
4.890E-04	1.224E-01	3.721E-02	1.920E-09	4.409E-12	1.380E-09	8.167E-22	1.958E-13	2.480E+04
4.523E-04	1.187E-01	4.031E-02	1.712E-09	3.603E-12	1.195E-09	5.963E-22	1.583E-13	2.500E+04

Table II. - Continued.

P/PO = 1.00E+00

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.307E-11	1.760E-18	0.
2.000E+02	0.	7.709E-68	0.	0.	0.	5.270E-11	1.760E-18	0.
3.000E+02	0.	3.579E-46	3.132E-80	0.	0.	5.642E-11	1.760E-18	0.
4.000E+02	0.	2.357E-35	8.601E-63	0.	0.	4.726E-11	1.760E-18	0.
5.000E+02	0.	8.125E-29	2.427E-52	0.	0.	4.848E-11	1.760E-18	0.
6.000E+02	0.	1.936E-24	2.256E-45	0.	0.	5.148E-11	1.760E-18	3.999E-96
7.000E+02	4.843E-79	2.582E-21	2.221E-40	0.	3.973E-90	5.160E-11	1.760E-18	7.411E-83
8.000E+02	3.342E-67	1.530E-18	4.692E-37	0.	5.495E-77	3.680E-10	1.760E-18	3.320E-71
9.000E+02	2.603E-57	4.773E-16	8.436E-35	0.	9.264E-66	7.846E-09	1.760E-18	8.357E-61
1.000E+03	2.334E-49	4.901E-14	5.233E-33	0.	9.808E-57	9.713E-08	1.760E-18	1.988E-52
1.100E+03	7.660E-43	2.176E-12	1.539E-31	0.	2.374E-49	7.612E-07	1.760E-18	1.419E-45
1.200E+03	2.096E-37	5.146E-11	2.589E-30	0.	3.394E-43	4.224E-06	1.760E-18	7.271E-40
1.300E+03	8.470E-33	7.488E-10	2.832E-29	0.	5.461E-38	1.797E-05	1.760E-18	4.903E-35
1.400E+03	7.604E-29	7.440E-09	2.208E-28	0.	1.583E-33	6.283E-05	1.760E-18	6.740E-31
1.500E+03	2.050E-25	5.446E-08	1.310E-27	0.	1.164E-29	1.822E-04	1.760E-18	2.589E-27
1.600E+03	2.075E-22	3.109E-07	6.263E-27	0.	2.807E-26	4.621E-04	1.760E-18	3.530E-24
1.700E+03	8.910E-20	1.446E-06	2.620E-26	0.	2.569E-23	1.053E-03	1.850E-18	1.950E-21
1.800E+03	5.279E-18	5.669E-06	3.481E-25	0.	2.958E-21	2.185E-03	7.182E-18	1.430E-19
1.900E+03	6.829E-17	1.922E-05	1.056E-23	0.	6.875E-20	4.182E-03	7.233E-17	2.215E-18
2.000E+03	6.165E-16	5.761E-05	2.542E-22	0.	1.043E-18	7.470E-03	6.425E-16	2.326E-17
2.100E+03	4.472E-15	1.551E-04	4.575E-21	0.	1.200E-17	1.255E-02	4.676E-15	1.912E-16
2.200E+03	2.703E-14	3.804E-04	6.358E-20	2.949E-84	1.094E-16	1.905E-02	2.841E-14	1.277E-15
2.300E+03	1.393E-13	8.589E-04	7.052E-19	2.227E-80	8.120E-16	3.017E-02	1.472E-13	7.103E-15
2.400E+03	6.235E-13	1.801E-03	6.418E-18	8.081E-77	5.028E-15	4.351E-02	6.618E-13	3.352E-14
2.500E+03	2.462E-12	3.534E-03	4.904E-17	1.537E-73	2.644E-14	6.081E-02	2.623E-12	1.362E-12
2.600E+03	8.844E-12	6.524E-03	3.214E-16	1.665E-70	1.200E-13	7.927E-02	9.280E-12	4.827E-13
2.700E+03	2.766E-11	1.139E-02	1.835E-15	1.087E-67	4.759E-13	1.084E-01	2.961E-11	1.506E-12
2.800E+03	8.029E-11	1.864E-02	9.262E-15	4.535E-65	1.667E-12	1.220E-01	8.601E-11	4.168E-12
2.900E+03	2.141E-10	2.982E-02	4.187E-14	5.210E-12	5.210E-12	1.424E-01	2.292E-10	1.032E-11
3.000E+03	5.278E-10	4.503E-02	1.713E-13	2.476E-11	1.464E-11	1.507E-01	5.640E-09	2.298E-11
3.100E+03	1.211E-09	6.517E-02	6.408E-13	3.502E-10	3.724E-11	1.723E-01	1.290E-09	4.630E-11
3.200E+03	2.597E-09	9.064E-02	2.209E-12	3.702E-10	8.638E-11	1.780E-01	2.755E-09	8.484E-11
3.300E+03	5.235E-09	1.214E-01	7.069E-12	3.007E-10	1.837E-10	1.787E-01	5.525E-09	1.020E-10
3.400E+03	9.958E-09	1.570E-01	2.114E-11	3.599E-10	1.837E-10	1.722E-01	1.044E-08	2.181E-10
3.500E+03	1.794E-08	1.962E-01	5.941E-11	6.527E-10	3.599E-10	1.600E-01	1.867E-08	3.084E-10
3.600E+03	3.074E-08	2.374E-01	1.576E-10	9.896E-11	6.527E-10	1.435E-01	3.168E-08	4.032E-10
3.700E+03	5.025E-08	2.788E-01	3.964E-10	4.170E-09	1.101E-09	1.243E-01	5.117E-08	4.894E-10
3.800E+03	7.871E-08	3.183E-01	9.497E-10	1.465E-07	1.735E-09	1.044E-01	7.892E-08	5.549E-10
3.900E+03	1.187E-07	3.542E-01	2.170E-09	4.341E-06	2.570E-09	8.521E-02	1.165E-07	5.919E-10
4.000E+03	1.732E-07	3.853E-01	4.741E-09	1.097E-04	3.599E-09	6.775E-02	1.653E-07	5.997E-10
4.100E+03	2.460E-07	4.112E-01	9.919E-09	2.385E-03	4.805E-09	5.201E-02	2.257E-07	5.835E-10
4.200E+03	3.425E-07	4.321E-01	1.978E-08	4.679E-02	6.169E-09	4.077E-02	2.975E-07	5.516E-10
4.300E+03	4.705E-07	4.483E-01	3.817E-08	7.296E-01	7.692E-09	3.116E-02	3.791E-07	5.126E-10
4.400E+03	6.415E-07	4.608E-01	7.018E-08	1.032E-39	9.400E-09	2.373E-02	4.676E-07	4.731E-10
4.500E+03	8.724E-07	4.702E-01	1.236E-07	1.270E-38	1.136E-08	1.807E-02	5.588E-07	4.374E-10
4.600E+03	1.188E-06	4.773E-01	2.087E-07	1.362E-37	1.366E-08	1.380E-02	6.481E-07	4.075E-10
4.700E+03	1.621E-06	4.826E-01	3.385E-07	1.644E-36	1.644E-08	1.060E-02	7.311E-07	3.840E-10
4.800E+03	2.219E-06	4.866E-01	5.289E-07	1.055E-35	1.986E-08	8.184E-03	8.045E-07	3.664E-10
4.900E+03	3.044E-06	4.896E-01	7.991E-07	7.723E-35	2.410E-08	6.346E-03	8.666E-07	3.539E-10
5.000E+03	4.177E-06	4.919E-01	1.172E-06	5.063E-34	2.936E-08	4.989E-03	9.171E-07	3.456E-10
5.100E+03	5.727E-06	4.936E-01	1.673E-06	3.002E-33	3.587E-08	3.940E-03	9.563E-07	3.408E-10
5.200E+03	7.837E-06	4.950E-01	2.334E-06	1.623E-32	4.390E-08	3.136E-03	9.850E-07	3.390E-10
5.300E+03	1.070E-05	4.961E-01	3.186E-06	8.073E-32	5.377E-08	2.515E-03	1.004E-06	3.398E-10
5.400E+03	1.456E-05	4.971E-01	4.263E-06	3.714E-31	6.587E-08	2.032E-03	1.013E-06	3.432E-10
5.500E+03	1.978E-05	4.977E-01	5.598E-06	1.588E-30	8.072E-08	1.655E-03	1.014E-06	3.493E-10
5.600E+03	2.683E-05	4.987E-01	7.218E-06	6.336E-30	9.897E-08	1.357E-03	1.005E-06	3.583E-10
5.700E+03	3.635E-05	4.995E-01	9.144E-06	2.365E-29	1.215E-07	1.121E-03	9.887E-07	3.706E-10
5.800E+03	4.923E-05	5.005E-01	1.139E-05	8.284E-29	1.494E-07	9.327E-04	9.644E-07	3.867E-10
5.900E+03	6.664E-05	5.017E-01	1.395E-05	2.728E-28	1.842E-07	7.816E-04	9.336E-07	4.072E-10
6.000E+03	9.017E-05	5.032E-01	1.684E-05	8.43E-28	2.276E-07	6.598E-04	8.981E-07	4.324E-10
6.100E+03	1.219E-04	5.052E-01	2.007E-05	2.493E-27	2.821E-07	5.612E-04	8.597E-07	4.629E-10
6.200E+03	1.643E-04	5.078E-01	2.365E-05	6.972E-27	3.501E-07	4.810E-04	8.207E-07	4.991E-10
6.300E+03	2.206E-04	5.111E-01	2.763E-05	1.864E-26	4.350E-07	4.156E-04	7.831E-07	5.412E-10
6.400E+03	2.945E-04	5.153E-01	3.209E-05	4.790E-26	5.402E-07	3.621E-04	7.488E-07	5.893E-10
6.500E+03	3.904E-04	5.205E-01	3.715E-05	1.190E-25	6.695E-07	3.181E-04	7.193E-07	6.433E-10
6.600E+03	5.130E-04	5.267E-01	4.294E-05	2.876E-25	8.269E-07	2.818E-04	6.954E-07	7.030E-10
6.700E+03	6.671E-04	5.340E-01	4.966E-05	6.793E-25	1.016E-06	2.526E-04	6.778E-07	7.676E-10
6.800E+03	8.578E-04	5.423E-01	5.754E-05	1.576E-24	1.240E-06	2.264E-04	6.664E-07	8.359E-10
6.900E+03	1.090E-03	5.514E-01	6.685E-05	3.603E-24	1.501E-06	2.050E-04	6.612E-07	9.065E-10
7.000E+03	1.368E-03	5.611E-01	7.789E-05	8.139E-24	1.802E-06	1.886E-04	6.617E-07	9.775E-10
7.100E+03	1.696E-03	5.712E-01	9.101E-05	1.820E-23	2.141E-06	1.705E-04	6.674E-07	1.047E-09
7.200E+03	2.078E-03	5.812E-01	1.066E-04	4.033E-23	2.517E-06	1.563E-04	6.776E-07	1.122E-09
7.300E+03	2.517E-03	5.909E-01	1.251E-04	8.855E-23	2.927E-06	1.435E-04	6.916E-07	1.171E-09
7.400E+03	3.016E-03	6.002E-01	1.469E-04	1.927E-22	3.367E-06	1.319E-04	7.087E-07	1.222E-09
7.500E+03	3.577E-03	6.086E-01	1.726E-04	4.153E-22	3.833E-06	1.212E-04	7.285E-07	1.265E-09
7.600E+03	4.204E-03	6.163E-01	2.028E-04	8.861E-22	4.318E-06	1.114E-04	7.503E-07	1.297E-09
7.700E+03	4.899E-03	6.229E-01	2.380E-04	1.870E-21	4.819E-06	1.023E-04	7.738E-07	1.320E-09
7.800E+03	5.666E-03	6.287E-01	2.790E-04	3.903E-21	5.330E-06	9.389E-05	7.985E-07	1.334E-09
7.900E+03	6.508E-03	6.335E-01	3.266E-04	8.047E-21	5.847E-06	8.625E-05	8.242E-07	1.339E-09
8.000E+03	7.429E-03	6.375E-01	3.814E-04	1.639E-20	6.370E-06	7.982E-05	8.506E-07	1.337E-09
8.200E+03	9.524E-03	6.432E-01	5.169E-04	3.295E-20	6.893E-06	6.648E-05	9.051E-07	1.314E-09
				1.281E-19	7.939E-06			



Table II. - Continued.

P/P0 = 1.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	6.126E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.326E-40	1.310E-80	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	5.425E-28	6.409E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.363E-20	1.392E-47	1.000E+00	0.	5.000E+02
3.750E-79	3.884E-80	0.	0.	1.149E-15	2.201E-39	1.000E+00	0.	6.000E+02
2.580E-65	2.820E-67	0.	0.	3.859E-12	1.682E-33	1.000E+00	7.042E-92	7.000E+02
8.787E-56	2.618E-59	0.	0.	6.375E-10	2.303E-30	1.000E+00	2.384E-78	8.000E+02
4.906E-49	1.902E-54	0.	0.	1.560E-08	6.258E-29	1.000E+00	3.649E-69	9.000E+02
1.150E-43	1.301E-50	0.	1.867E-87	1.942E-07	7.955E-28	1.000E+00	7.136E-62	1.000E+03
2.063E-39	1.792E-47	0.	3.184E-77	1.522E-06	6.348E-27	1.000E+00	6.574E-56	1.100E+03
1.320E-35	7.439E-45	0.	1.071E-68	8.447E-06	3.585E-26	1.000E+00	6.156E-51	1.200E+03
1.567E-32	1.228E-42	0.	1.755E-61	3.594E-05	1.552E-25	9.999E-01	9.882E-47	1.300E+03
7.603E-30	9.812E-41	0.	2.680E-55	1.241E-04	5.450E-25	9.998E-01	3.986E-43	1.400E+03
1.535E-27	4.388E-39	2.565E-95	6.125E-50	3.625E-04	1.620E-24	9.995E-01	5.315E-40	1.500E+03
1.598E-25	1.225E-37	2.991E-91	2.991E-45	9.244E-04	4.202E-24	9.986E-01	2.884E-37	1.600E+03
9.637E-24	2.435E-36	1.935E-88	3.893E-41	2.108E-03	1.025E-23	9.958E-01	7.458E-35	1.700E+03
3.688E-22	1.294E-34	2.073E-84	4.750E-38	4.375E-03	8.416E-23	9.934E-01	1.040E-32	1.800E+03
9.615E-21	1.361E-32	7.538E-80	9.135E-36	8.384E-03	1.558E-21	9.874E-01	8.509E-31	1.900E+03
1.809E-19	9.980E-31	1.195E-75	9.293E-34	1.500E-02	2.695E-20	9.775E-01	4.574E-29	2.000E+03
2.570E-18	4.972E-29	5.990E-72	5.990E-32	2.525E-02	3.394E-19	9.620E-01	1.660E-27	2.100E+03
2.864E-17	1.736E-27	2.305E-63	2.618E-30	4.029E-02	3.400E-18	9.394E-01	4.327E-26	2.200E+03
2.581E-16	4.490E-26	3.456E-55	8.154E-29	6.120E-02	2.785E-17	9.078E-01	8.445E-25	2.300E+03
1.930E-15	8.870E-25	2.857E-62	1.884E-27	8.883E-02	1.911E-16	8.659E-01	1.277E-23	2.400E+03
1.223E-14	1.393E-23	1.401E-59	3.338E-26	1.235E-01	1.121E-15	8.129E-01	1.541E-22	2.500E+03
6.695E-14	1.774E-22	4.339E-57	4.665E-25	1.651E-01	5.713E-15	7.491E-01	1.518E-21	2.600E+03
3.212E-13	1.881E-21	8.950E-55	5.276E-24	2.122E-01	2.559E-14	6.750E-01	1.248E-20	2.700E+03
1.369E-12	1.703E-20	1.288E-52	4.905E-23	2.629E-01	1.032E-13	5.962E-01	8.714E-20	2.800E+03
5.252E-12	1.340E-19	1.347E-50	3.835E-22	3.146E-01	3.746E-13	5.131E-01	5.259E-19	2.900E+03
1.832E-11	9.252E-19	1.059E-48	2.561E-21	3.645E-01	1.242E-12	4.308E-01	2.785E-18	3.000E+03
5.870E-11	5.708E-18	6.489E-47	1.482E-20	4.097E-01	3.796E-12	3.529E-01	1.315E-17	3.100E+03
1.745E-10	3.194E-17	3.167E-45	7.528E-20	4.482E-01	1.080E-11	2.824E-01	5.590E-17	3.200E+03
4.855E-10	1.638E-16	1.268E-43	3.402E-19	4.789E-01	2.883E-11	2.210E-01	2.179E-16	3.300E+03
1.275E-09	7.800E-16	4.243E-42	1.384E-18	5.013E-01	7.284E-11	1.695E-01	7.678E-16	3.400E+03
3.187E-09	3.482E-15	1.223E-40	5.124E-18	5.161E-01	1.753E-10	1.277E-01	2.675E-15	3.500E+03
7.636E-09	1.472E-14	3.056E-39	1.744E-17	5.243E-01	4.059E-10	9.478E-02	8.634E-15	3.600E+03
1.765E-08	5.935E-14	6.750E-38	5.509E-17	5.274E-01	9.070E-10	5.945E-02	2.675E-14	3.700E+03
3.958E-08	2.297E-13	1.329E-36	1.630E-16	5.270E-01	1.966E-09	5.040E-02	8.024E-14	3.800E+03
8.646E-08	8.561E-13	2.359E-35	4.553E-16	5.244E-01	4.150E-09	3.535E-02	2.345E-13	3.900E+03
1.845E-07	3.077E-12	3.816E-34	1.210E-15	5.208E-01	8.38E-09	2.614E-02	6.696E-13	4.000E+03
3.849E-07	1.064E-11	5.545E-33	3.082E-15	5.171E-01	1.711E-08	1.881E-02	1.871E-12	4.100E+03
7.859E-07	3.534E-11	7.261E-32	7.568E-15	5.136E-01	3.335E-08	1.358E-02	5.111E-12	4.200E+03
1.569E-06	1.122E-10	8.521E-31	1.803E-14	5.105E-01	6.203E-08	9.864E-03	1.352E-11	4.300E+03
3.065E-06	3.389E-10	8.920E-30	4.190E-14	5.082E-01	1.152E-07	7.219E-03	3.534E-11	4.400E+03
5.852E-06	9.718E-10	8.303E-29	9.541E-14	5.054E-01	2.031E-07	5.329E-03	8.915E-11	4.500E+03
1.092E-05	2.641E-09	6.369E-28	2.135E-13	5.049E-01	3.450E-07	3.973E-03	2.183E-10	4.600E+03
1.993E-05	6.808E-09	5.064E-27	4.704E-13	5.038E-01	5.550E-07	2.991E-03	5.188E-10	4.700E+03
3.559E-05	1.667E-08	3.345E-26	1.021E-12	5.029E-01	8.937E-07	2.274E-03	1.197E-09	4.800E+03
6.221E-05	3.851E-08	1.995E-25	2.181E-12	5.022E-01	1.369E-06	1.745E-03	2.579E-09	4.900E+03
1.065E-04	8.687E-08	1.083E-24	4.583E-12	5.017E-01	2.038E-06	1.354E-03	5.628E-09	5.000E+03
1.788E-04	1.862E-07	5.397E-24	9.465E-12	5.012E-01	2.955E-06	1.059E-03	1.233E-08	5.100E+03
2.946E-04	3.844E-07	2.483E-23	1.920E-11	5.007E-01	4.188E-06	8.364E-04	2.537E-08	5.200E+03
4.765E-04	7.659E-07	1.761E-22	3.827E-11	5.002E-01	5.807E-06	5.650E-04	5.088E-08	5.300E+03
7.573E-04	1.476E-06	4.230E-22	7.496E-11	4.996E-01	7.891E-06	5.345E-04	9.950E-08	5.400E+03
1.184E-03	2.755E-06	1.577E-21	1.445E-10	4.988E-01	1.051E-05	4.322E-04	1.898E-07	5.500E+03
1.820E-03	4.984E-06	5.513E-21	2.742E-10	4.977E-01	1.374E-05	3.520E-04	3.536E-07	5.600E+03
2.754E-03	8.743E-06	1.810E-20	5.128E-10	4.952E-01	1.753E-05	2.885E-04	6.452E-07	5.700E+03
4.103E-03	1.488E-05	5.591E-20	9.460E-10	4.941E-01	2.218E-05	2.379E-04	1.143E-06	5.800E+03
6.017E-03	2.460E-05	1.628E-19	1.721E-09	4.912E-01	2.739E-05	1.971E-04	1.982E-06	5.900E+03
8.686E-03	3.951E-05	4.482E-19	3.087E-09	4.871E-01	3.321E-05	1.641E-04	3.355E-06	6.000E+03
1.234E-02	6.172E-05	1.170E-18	5.453E-09	4.815E-01	3.956E-05	1.371E-04	5.334E-06	6.100E+03
1.723E-02	9.388E-05	2.904E-18	9.467E-09	4.740E-01	4.536E-05	1.149E-04	8.881E-06	6.200E+03
2.364E-02	1.392E-04	6.886E-18	1.611E-08	4.642E-01	5.350E-05	9.659E-05	1.384E-05	6.300E+03
3.184E-02	2.015E-04	1.566E-17	2.682E-08	4.518E-01	6.685E-05	8.090E-05	2.091E-05	6.400E+03
4.206E-02	2.852E-04	3.430E-17	4.352E-08	4.363E-01	6.829E-05	6.782E-05	3.053E-05	6.500E+03
5.441E-02	3.947E-04	7.260E-17	6.868E-08	4.175E-01	7.569E-05	5.671E-05	4.300E-05	6.600E+03
6.891E-02	5.352E-04	1.490E-16	1.052E-07	3.954E-01	8.290E-05	4.724E-05	5.833E-05	6.700E+03
8.539E-02	7.115E-04	2.974E-16	1.561E-07	3.702E-01	8.978E-05	3.913E-05	7.613E-05	6.800E+03
1.035E-01	9.284E-04	5.788E-16	2.244E-07	3.425E-01	9.616E-05	3.219E-05	9.556E-05	6.900E+03
1.229E-01	1.193E-03	1.101E-15	3.122E-07	3.129E-01	1.019E-04	2.627E-05	1.154E-04	7.000E+03
1.429E-01	1.501E-03	2.347E-15	4.209E-07	2.822E-01	1.069E-04	2.125E-05	1.344E-04	7.100E+03
1.629E-01	1.863E-03	3.741E-15	5.506E-07	2.514E-01	1.110E-04	1.703E-05	1.510E-04	7.200E+03
1.823E-01	2.281E-03	6.704E-15	7.001E-07	2.213E-01	1.141E-04	1.353E-05	1.643E-04	7.300E+03
2.008E-01	2.757E-03	1.181E-14	8.671E-07	1.927E-01	1.164E-04	1.065E-05	1.735E-04	7.400E+03
2.178E-01	3.292E-03	2.047E-14	1.049E-06	1.661E-01	1.176E-04	8.310E-06	1.784E-04	7.500E+03
2.330E-01	3.889E-03	3.493E-14	1.241E-06	1.420E-01	1.180E-04	6.439E-06	1.793E-04	7.600E+03
2.465E-01	4.550E-03	5.875E-14	1.441E-06	1.205E-01	1.176E-04	4.959E-06	1.766E-04	7.700E+03
2.581E-01	5.277E-03	7.747E-14	1.646E-06	1.016E-01	1.166E-04	3.801E-06	1.709E-04	7.800E+03
2.679E-01	6.074E-03	1.595E-13	1.852E-06	8.528E-02	1.149E-04	2.903E-06	1.631E-04	7.900E+03
2.760E-01	6.942E-03	2.580E-13	2.059E-06	7.134E-02	1.129E-04	2.212E-06	1.538E-04	8.000E+03
2.879E-01	8.909E-03	6.507E-13	2.465E-06	4.963E-02	1.078E-04	1.282E-06	1.321E-04	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.199E-02	6.465E-01	6.934E-04	4.726E-19	8.979E-06	5.509E-05	9.611E-07	1.273E-09
8.600E+03	1.487E-02	6.478E-01	9.207E-04	1.656E-18	1.001E-05	4.727E-05	1.019E-06	1.221E-09
8.800E+03	1.820E-02	6.477E-01	1.210E-03	5.516E-18	1.103E-05	4.084E-05	1.077E-06	1.164E-09
9.000E+03	2.203E-02	6.464E-01	1.574E-03	1.751E-17	1.203E-05	3.404E-05	1.138E-06	1.103E-09
9.200E+03	2.639E-02	6.442E-01	2.028E-03	5.313E-17	1.301E-05	2.985E-05	1.195E-06	1.041E-09
9.400E+03	3.132E-02	6.412E-01	2.588E-03	1.544E-16	1.397E-05	2.488E-05	1.255E-06	9.798E-10
9.600E+03	3.685E-02	6.373E-01	3.275E-03	4.307E-16	1.488E-05	2.139E-05	1.316E-06	9.190E-10
9.800E+03	4.301E-02	6.328E-01	4.110E-03	1.156E-15	1.576E-05	1.844E-05	1.376E-06	8.594E-10
1.000E+04	4.982E-02	6.275E-01	5.117E-03	2.995E-15	1.657E-05	1.595E-05	1.437E-06	8.013E-10
1.020E+04	5.728E-02	6.216E-01	6.324E-03	7.501E-15	1.733E-05	1.383E-05	1.497E-06	7.448E-10
1.040E+04	6.540E-02	6.148E-01	7.761E-03	1.820E-14	1.800E-05	1.201E-05	1.556E-06	6.901E-10
1.060E+04	7.417E-02	6.074E-01	9.463E-03	4.284E-14	1.860E-05	1.045E-05	1.615E-06	6.372E-10
1.080E+04	8.357E-02	5.992E-01	1.146E-02	9.805E-13	1.910E-05	9.187E-06	1.672E-06	5.862E-10
1.100E+04	9.359E-02	5.903E-01	1.381E-02	1.215E-13	1.950E-05	7.943E-06	1.727E-06	5.372E-10
1.120E+04	1.042E-01	5.805E-01	1.653E-02	4.748E-13	1.980E-05	6.931E-06	1.779E-06	4.903E-10
1.140E+04	1.153E-01	5.700E-01	1.968E-02	1.007E-12	1.999E-05	6.049E-06	1.829E-06	4.456E-10
1.160E+04	1.269E-01	5.586E-01	2.330E-02	2.088E-12	2.007E-05	5.278E-06	1.874E-06	4.031E-10
1.180E+04	1.390E-01	5.465E-01	2.744E-02	4.236E-12	2.003E-05	4.682E-06	1.915E-06	3.630E-10
1.200E+04	1.514E-01	5.335E-01	3.215E-02	8.413E-12	1.989E-05	4.088E-06	1.950E-06	3.253E-10
1.220E+04	1.642E-01	5.197E-01	3.745E-02	1.637E-11	1.965E-05	3.486E-06	1.979E-06	2.899E-10
1.240E+04	1.773E-01	5.050E-01	4.340E-02	3.125E-11	1.930E-05	3.025E-06	1.999E-06	2.570E-10
1.260E+04	1.904E-01	4.895E-01	5.002E-02	5.802E-11	1.885E-05	2.619E-06	2.010E-06	2.265E-10
1.280E+04	2.041E-01	4.732E-01	5.732E-02	1.075E-10	1.832E-05	2.260E-06	2.012E-06	1.985E-10
1.300E+04	2.177E-01	4.562E-01	6.532E-02	1.940E-10	1.771E-05	1.944E-06	2.002E-06	1.728E-10
1.320E+04	2.315E-01	4.383E-01	7.400E-02	3.439E-10	1.702E-05	1.666E-06	1.980E-06	1.495E-10
1.340E+04	2.452E-01	4.198E-01	8.333E-02	5.991E-10	1.628E-05	1.420E-06	1.946E-06	1.284E-10
1.360E+04	2.590E-01	4.007E-01	9.327E-02	1.026E-09	1.548E-05	1.285E-06	1.900E-06	1.095E-10
1.380E+04	2.727E-01	3.811E-01	1.038E-01	1.728E-09	1.463E-05	1.028E-06	1.842E-06	9.264E-11
1.400E+04	2.863E-01	3.610E-01	1.147E-01	2.864E-09	1.376E-05	8.541E-07	1.772E-06	7.779E-11
1.420E+04	2.998E-01	3.407E-01	1.261E-01	4.671E-09	1.286E-05	7.125E-07	1.691E-06	6.479E-11
1.440E+04	3.130E-01	3.203E-01	1.377E-01	7.504E-09	1.196E-05	5.908E-07	1.602E-06	5.351E-11
1.460E+04	3.260E-01	2.998E-01	1.495E-01	1.188E-08	1.105E-05	4.886E-07	1.505E-06	4.383E-11
1.480E+04	3.386E-01	2.796E-01	1.613E-01	1.853E-08	1.015E-05	3.983E-07	1.403E-06	3.560E-11
1.500E+04	3.508E-01	2.597E-01	1.731E-01	2.853E-08	9.279E-06	3.239E-07	1.298E-06	2.868E-11
1.520E+04	3.625E-01	2.403E-01	1.847E-01	4.333E-08	8.432E-06	2.617E-07	1.192E-06	2.291E-11
1.540E+04	3.737E-01	2.214E-01	1.961E-01	6.498E-08	7.622E-06	2.181E-07	1.086E-06	1.816E-11
1.560E+04	3.844E-01	2.034E-01	2.070E-01	9.627E-08	6.853E-06	1.687E-07	9.831E-07	1.428E-11
1.580E+04	3.944E-01	1.861E-01	2.176E-01	1.410E-07	6.132E-06	1.331E-07	8.837E-07	1.115E-11
1.600E+04	4.039E-01	1.698E-01	2.276E-01	2.042E-07	5.462E-06	1.051E-07	7.897E-07	8.645E-12
1.620E+04	4.127E-01	1.545E-01	2.370E-01	2.926E-07	4.844E-06	8.264E-08	7.016E-07	6.663E-12
1.640E+04	4.209E-01	1.402E-01	2.459E-01	4.152E-07	4.279E-06	6.449E-08	6.201E-07	5.107E-12
1.660E+04	4.285E-01	1.269E-01	2.541E-01	5.834E-07	3.768E-06	5.046E-08	5.456E-07	3.895E-12
1.680E+04	4.354E-01	1.147E-01	2.617E-01	8.122E-07	3.307E-06	3.925E-08	4.781E-07	2.958E-12
1.700E+04	4.418E-01	1.034E-01	2.687E-01	1.121E-06	2.894E-06	3.045E-08	4.174E-07	2.239E-12
1.720E+04	4.475E-01	9.318E-02	2.751E-01	1.534E-06	2.528E-06	2.358E-08	3.633E-07	1.690E-12
1.740E+04	4.528E-01	8.385E-02	2.809E-01	2.083E-06	2.204E-06	1.824E-08	3.155E-07	1.273E-12
1.760E+04	4.576E-01	7.539E-02	2.862E-01	2.806E-06	1.919E-06	1.489E-08	2.734E-07	9.570E-13
1.780E+04	4.619E-01	6.775E-02	2.910E-01	3.754E-06	1.668E-06	1.089E-08	2.366E-07	7.190E-13
1.800E+04	4.657E-01	6.087E-02	2.953E-01	4.986E-06	1.450E-06	8.426E-09	2.045E-07	5.400E-13
1.820E+04	4.692E-01	5.469E-02	2.992E-01	6.580E-06	1.259E-06	6.509E-09	1.766E-07	4.056E-13
1.840E+04	4.724E-01	4.914E-02	3.026E-01	8.626E-06	1.093E-06	5.089E-09	1.525E-07	3.049E-13
1.860E+04	4.752E-01	4.417E-02	3.057E-01	1.124E-05	9.497E-07	3.906E-09	1.317E-07	2.294E-13
1.880E+04	4.777E-01	3.972E-02	3.085E-01	1.456E-05	8.251E-07	3.033E-09	1.137E-07	1.729E-13
1.900E+04	4.800E-01	3.575E-02	3.109E-01	1.876E-05	7.172E-07	2.359E-09	9.824E-08	1.305E-13
1.920E+04	4.820E-01	3.219E-02	3.131E-01	2.403E-05	6.239E-07	1.839E-09	8.493E-08	9.870E-14
1.940E+04	4.839E-01	2.902E-02	3.150E-01	3.062E-05	5.432E-07	1.437E-09	7.348E-08	7.482E-14
1.960E+04	4.856E-01	2.618E-02	3.167E-01	3.882E-05	4.734E-07	1.126E-09	6.364E-08	5.686E-14
1.980E+04	4.871E-01	2.365E-02	3.182E-01	4.898E-05	4.130E-07	8.839E-10	5.517E-08	4.332E-14
2.000E+04	4.885E-01	2.138E-02	3.195E-01	6.151E-05	3.607E-07	6.959E-10	4.789E-08	3.310E-14
2.020E+04	4.898E-01	1.935E-02	3.207E-01	7.688E-05	3.155E-07	5.405E-10	4.163E-08	2.536E-14
2.040E+04	4.910E-01	1.754E-02	3.217E-01	9.567E-05	2.763E-07	4.350E-10	3.623E-08	1.949E-14
2.060E+04	4.922E-01	1.592E-02	3.225E-01	1.185E-04	2.42E-07	3.484E-10	3.158E-08	1.502E-14
2.080E+04	4.932E-01	1.446E-02	3.232E-01	1.462E-04	2.128E-07	2.751E-10	2.756E-08	1.161E-14
2.100E+04	4.942E-01	1.315E-02	3.238E-01	1.797E-04	1.871E-07	2.197E-10	2.409E-08	9.004E-15
2.120E+04	4.952E-01	1.198E-02	3.243E-01	2.2E-04	1.648E-07	1.759E-10	2.109E-08	7.005E-15
2.140E+04	4.962E-01	1.093E-02	3.247E-01	2.6E-04	1.454E-07	1.413E-10	1.849E-08	5.466E-15
2.160E+04	4.971E-01	9.976E-03	3.250E-01	3.255E-04	1.285E-07	1.138E-10	1.623E-08	4.279E-15
2.180E+04	4.981E-01	9.121E-03	3.251E-01	3.938E-04	1.137E-07	9.182E-11	1.427E-08	3.360E-15
2.200E+04	4.990E-01	8.349E-03	3.252E-01	4.747E-04	1.007E-07	7.445E-11	1.256E-08	2.646E-15
2.220E+04	5.000E-01	7.652E-03	3.251E-01	5.701E-04	8.939E-08	6.046E-11	1.108E-08	2.091E-15
2.240E+04	5.010E-01	7.021E-03	3.250E-01	6.824E-04	7.946E-08	4.924E-11	9.779E-09	1.657E-15
2.260E+04	5.020E-01	6.451E-03	3.247E-01	8.139E-04	7.073E-08	4.020E-11	8.645E-09	1.317E-15
2.280E+04	5.031E-01	5.933E-03	3.244E-01	9.675E-04	6.306E-08	3.291E-11	7.652E-09	1.050E-15
2.300E+04	5.043E-01	5.463E-03	3.239E-01	1.146E-03	5.630E-08	2.781E-11	6.781E-09	8.390E-16
2.320E+04	5.055E-01	5.036E-03	3.233E-01	1.353E-03	5.034E-08	2.222E-11	6.016E-09	6.726E-16
2.340E+04	5.067E-01	4.648E-03	3.226E-01	1.592E-03	4.507E-08	1.852E-11	5.343E-09	5.407E-16
2.360E+04	5.081E-01	4.294E-03	3.218E-01	1.869E-03	4.041E-08	1.514E-11	4.751E-09	4.358E-16
2.380E+04	5.095E-01	3.971E-03	3.208E-01	2.185E-03	3.629E-08	1.254E-11	4.228E-09	3.522E-16
2.400E+04	5.110E-01	3.676E-03	3.198E-01	2.548E-03	3.262E-08	1.051E-11	3.767E-09	2.894E-16
2.420E+04	5.126E-01	3.406E-03	3.186E-01	2.961E-03	2.937E-08	8.658E-12	3.358E-09	2.318E-16
2.440E+04	5.143E-01	3.154E-03	3.172E-01	3.431E-03	2.647E-08	7.216E-12	2.997E-09	1.887E-16
2.460E+04	5.160E-01	2.931E-03	3.157E-01	3.966E-03	2.389E-08	6.024E-12	2.676E-09	1.539E-16
2.480E+04	5.179E-01	2.723E-03	3.141E-01	4.566E-03	2.158E-08	5.089E-12	2.391E-09	1.259E-16
2.500E+04	5.198E-01	2.531E-03	3.123E-01	5.243E-03	1.952E-08	4.221E-12	2.137E-09	1.031E-16

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.949E-01	1.121E-02	1.570E-12	2.858E-06	3.444E-02	1.020E-04	7.445E-07	1.123E-04	8.400E+03
2.983E-01	1.386E-02	3.635E-12	3.233E-06	2.396E-02	9.594E-05	4.358E-07	9.330E-05	8.600E+03
2.990E-01	1.591E-02	8.103E-12	3.588E-06	1.676E-02	8.995E-05	2.579E-07	7.679E-05	8.800E+03
2.976E-01	2.038E-02	1.744E-11	3.922E-06	1.180E-02	8.417E-05	1.545E-07	6.284E-05	9.000E+03
2.945E-01	2.430E-02	3.631E-11	4.232E-06	8.373E-03	7.866E-05	9.379E-08	5.126E-05	9.200E+03
2.901E-01	2.868E-02	7.329E-11	4.514E-06	5.988E-03	7.345E-05	5.765E-08	4.173E-05	9.400E+03
2.845E-01	3.353E-02	1.437E-10	4.765E-06	4.314E-03	6.854E-05	3.587E-08	3.391E-05	9.600E+03
2.780E-01	3.886E-02	2.742E-10	4.982E-06	3.130E-03	6.391E-05	2.257E-08	2.752E-05	9.800E+03
2.705E-01	4.465E-02	5.099E-10	5.160E-06	2.286E-03	5.954E-05	1.435E-08	2.229E-05	1.000E+04
2.621E-01	5.092E-02	9.254E-10	5.296E-06	1.679E-03	5.541E-05	9.206E-09	1.801E-05	1.020E+04
2.530E-01	5.761E-02	1.541E-09	5.387E-06	1.239E-03	5.149E-05	5.953E-09	1.452E-05	1.040E+04
2.433E-01	6.468E-02	2.848E-09	5.432E-06	9.185E-04	4.777E-05	3.880E-09	1.167E-05	1.060E+04
2.329E-01	7.209E-02	4.840E-09	5.428E-06	6.834E-04	4.423E-05	2.543E-09	9.741E-06	1.080E+04
2.220E-01	7.976E-02	8.063E-09	5.377E-06	5.099E-04	4.086E-05	1.676E-09	7.448E-06	1.100E+04
2.107E-01	8.765E-02	1.518E-08	5.281E-06	3.813E-04	3.765E-05	1.109E-09	5.912E-06	1.120E+04
1.991E-01	9.561E-02	2.117E-08	5.142E-06	2.857E-04	3.59E-05	7.361E-10	4.670E-06	1.140E+04
1.872E-01	1.036E-01	3.741E-08	4.965E-06	2.143E-04	3.58E-05	4.679E-10	3.669E-06	1.160E+04
1.753E-01	1.115E-01	5.185E-08	4.754E-06	1.609E-04	2.891E-05	3.266E-10	2.868E-06	1.180E+04
1.635E-01	1.193E-01	7.920E-08	4.516E-06	1.209E-04	2.629E-05	2.179E-10	2.229E-06	1.200E+04
1.518E-01	1.268E-01	1.191E-07	4.257E-06	9.076E-05	2.381E-05	1.455E-10	1.723E-06	1.220E+04
1.403E-01	1.339E-01	1.766E-07	3.984E-06	6.815E-05	2.148E-05	9.705E-11	1.275E-06	1.240E+04
1.292E-01	1.406E-01	2.581E-07	3.701E-06	5.113E-05	1.930E-05	6.470E-11	1.075E-06	1.260E+04
1.185E-01	1.465E-01	3.721E-07	3.417E-06	3.834E-05	1.725E-05	4.307E-11	7.717E-07	1.280E+04
1.083E-01	1.514E-01	5.295E-07	3.134E-06	2.872E-05	1.536E-05	2.862E-11	5.849E-07	1.300E+04
9.870E-02	1.575E-01	7.442E-07	2.859E-06	2.148E-05	1.361E-05	1.897E-11	4.415E-07	1.320E+04
8.967E-02	1.619E-01	1.034E-06	2.594E-06	1.605E-05	1.200E-05	1.254E-11	3.320E-07	1.340E+04
8.125E-02	1.657E-01	1.420E-06	2.342E-06	1.198E-05	1.054E-05	8.260E-12	2.449E-07	1.360E+04
7.344E-02	1.690E-01	1.930E-06	2.105E-06	8.925E-06	9.206E-06	5.423E-12	1.861E-07	1.380E+04
6.626E-02	1.716E-01	2.593E-06	1.884E-06	6.640E-06	8.308E-06	3.547E-12	1.389E-07	1.400E+04
5.966E-02	1.737E-01	3.465E-06	1.680E-06	4.933E-06	6.934E-06	2.311E-12	1.034E-07	1.420E+04
5.365E-02	1.753E-01	4.582E-06	1.493E-06	3.599E-06	5.979E-06	1.499E-12	7.690E-08	1.440E+04
4.818E-02	1.765E-01	6.010E-06	1.323E-06	2.714E-06	5.134E-06	9.685E-13	5.714E-08	1.460E+04
4.323E-02	1.772E-01	7.325E-06	1.168E-06	2.005E-06	4.391E-06	5.231E-13	4.244E-08	1.480E+04
3.876E-02	1.776E-01	1.012E-05	1.029E-06	1.482E-06	3.743E-06	3.993E-13	3.152E-08	1.500E+04
3.473E-02	1.778E-01	1.301E-05	9.048E-07	1.094E-06	3.179E-06	2.549E-13	2.342E-08	1.520E+04
3.112E-02	1.775E-01	1.662E-05	7.936E-07	8.066E-07	2.693E-06	1.621E-13	1.741E-08	1.540E+04
2.788E-02	1.773E-01	2.113E-05	6.948E-07	5.946E-07	2.275E-06	1.028E-13	1.295E-08	1.560E+04
2.498E-02	1.768E-01	2.673E-05	6.074E-07	4.382E-07	1.917E-06	6.502E-14	9.664E-09	1.580E+04
2.240E-02	1.763E-01	3.366E-05	5.303E-07	3.230E-07	1.613E-06	4.103E-14	7.218E-09	1.600E+04
2.009E-02	1.756E-01	4.222E-05	4.625E-07	2.381E-07	1.354E-06	2.585E-14	5.403E-09	1.620E+04
1.804E-02	1.749E-01	5.274E-05	4.031E-07	1.757E-07	1.135E-06	1.527E-14	4.054E-09	1.640E+04
1.621E-02	1.742E-01	6.563E-05	3.511E-07	1.298E-07	9.527E-07	1.024E-14	3.050E-09	1.660E+04
1.458E-02	1.735E-01	8.140E-05	3.058E-07	9.502E-08	7.983E-07	5.443E-15	2.302E-09	1.680E+04
1.313E-02	1.728E-01	1.006E-04	2.663E-07	7.116E-08	6.589E-07	4.058E-15	1.742E-09	1.700E+04
1.184E-02	1.722E-01	1.239E-04	2.320E-07	5.285E-08	5.606E-07	2.560E-15	1.323E-09	1.720E+04
1.069E-02	1.716E-01	1.522E-04	2.022E-07	3.934E-08	4.701E-07	1.618E-15	1.038E-09	1.740E+04
9.570E-03	1.710E-01	1.863E-04	1.763E-07	2.937E-08	3.944E-07	1.025E-15	7.712E-10	1.760E+04
8.759E-03	1.704E-01	2.274E-04	1.538E-07	2.198E-08	3.313E-07	6.519E-16	5.919E-10	1.780E+04
7.946E-03	1.699E-01	2.768E-04	1.342E-07	1.651E-08	2.786E-07	4.158E-16	4.560E-10	1.800E+04
7.220E-03	1.694E-01	3.355E-04	1.174E-07	1.244E-08	2.346E-07	2.663E-16	3.525E-10	1.820E+04
6.571E-03	1.689E-01	4.057E-04	1.027E-07	9.400E-09	1.978E-07	1.712E-16	2.735E-10	1.840E+04
5.984E-03	1.685E-01	4.892E-04	8.999E-08	7.130E-09	1.671E-07	1.106E-16	2.130E-10	1.860E+04
5.458E-03	1.680E-01	5.879E-04	7.892E-08	5.428E-09	1.413E-07	7.178E-17	1.665E-10	1.880E+04
5.000E-03	1.676E-01	7.045E-04	6.931E-08	4.147E-09	1.198E-07	4.681E-17	1.305E-10	1.900E+04
4.579E-03	1.672E-01	8.417E-04	6.094E-08	3.181E-09	1.017E-07	3.067E-17	1.027E-10	1.920E+04
4.199E-03	1.668E-01	1.003E-03	5.364E-08	2.448E-09	8.650E-08	2.021E-17	8.111E-11	1.940E+04
3.857E-03	1.664E-01	1.191E-03	4.729E-08	1.891E-09	7.370E-08	1.328E-17	6.425E-11	1.960E+04
3.548E-03	1.660E-01	1.410E-03	4.174E-08	1.466E-09	6.291E-08	8.910E-18	5.105E-11	1.980E+04
3.268E-03	1.656E-01	1.664E-03	3.689E-08	1.141E-09	5.380E-08	5.962E-18	4.059E-11	2.000E+04
3.014E-03	1.651E-01	1.959E-03	3.264E-08	8.912E-10	4.609E-08	4.010E-18	3.252E-11	2.020E+04
2.783E-03	1.646E-01	2.299E-03	2.892E-08	6.984E-10	3.955E-08	2.712E-18	2.507E-11	2.040E+04
2.573E-03	1.640E-01	2.690E-03	2.565E-08	5.492E-10	3.400E-08	1.843E-18	2.095E-11	2.060E+04
2.381E-03	1.634E-01	3.137E-03	2.278E-08	4.332E-10	2.927E-08	1.239E-18	1.687E-11	2.080E+04
2.206E-03	1.627E-01	3.648E-03	2.025E-08	3.429E-10	2.524E-08	8.641E-19	1.363E-11	2.100E+04
2.046E-03	1.620E-01	4.230E-03	1.802E-08	2.722E-10	2.179E-08	5.961E-19	1.103E-11	2.120E+04
1.899E-03	1.612E-01	4.889E-03	1.605E-08	2.168E-10	1.844E-08	4.131E-19	8.939E-12	2.140E+04
1.764E-03	1.602E-01	5.634E-03	1.431E-08	1.731E-10	1.632E-08	2.875E-19	7.260E-12	2.160E+04
1.640E-03	1.592E-01	6.471E-03	1.277E-08	1.386E-10	1.414E-08	2.011E-19	5.906E-12	2.180E+04
1.526E-03	1.581E-01	7.419E-03	1.141E-08	1.113E-10	1.227E-08	1.412E-19	4.817E-12	2.200E+04
1.420E-03	1.568E-01	8.458E-03	1.019E-08	8.956E-11	1.066E-08	9.960E-20	3.924E-12	2.220E+04
1.322E-03	1.554E-01	9.622E-02	9.116E-09	7.225E-11	9.264E-09	7.031E-20	3.234E-12	2.240E+04
1.237E-03	1.539E-01	1.091E-02	8.156E-09	5.840E-11	8.058E-09	5.011E-20	2.618E-12	2.260E+04
1.146E-03	1.522E-01	1.233E-02	7.301E-09	4.730E-11	7.013E-09	3.574E-20	2.140E-12	2.280E+04
1.068E-03	1.503E-01	1.389E-02	6.537E-09	3.839E-11	6.106E-09	2.557E-20	1.751E-12	2.300E+04
9.948E-04	1.483E-01	1.559E-02	5.855E-09	3.120E-11	5.318E-09	1.835E-20	1.432E-12	2.320E+04
9.265E-04	1.461E-01	1.744E-02	5.244E-09	2.540E-11	4.633E-09	1.322E-20	1.171E-12	2.340E+04
8.626E-04	1.437E-01	1.944E-02	4.698E-09	2.070E-11	4.035E-09	9.544E-21	9.575E-13	2.360E+04
8.029E-04	1.411E-01	2.158E-02	4.208E-09	1.690E-11	3.515E-09	6.909E-21	7.826E-13	2.380E+04
7.470E-04	1.384E-01	2.368E-02	3.768E-09	1.380E-11	3.060E-09	5.013E-21	6.391E-13	2.400E+04
6.945E-04	1.354E-01	2.633E-02	3.374E-09	1.129E-11	2.664E-09	3.646E-21	5.214E-13	2.420E+04
6.453E-04	1.323E-01	2.892E-02	3.020E-09	9.235E-12	2.317E-09	2.656E-21	4.249E-13	2.440E+04
5.992E-04	1.291E-01	3.164E-02	2.702E-09	7.561E-12	2.015E-09	1.939E-21	3.459E-13	2.460E+04
5.558E-04	1.257E-01	3.449E-02	2.416E-09	6.193E-12	1.750E-09	1.418E-21	2.911E-13	2.480E+04
5.152E-04	1.221E-01	3.746E-02	2.159E-09	5.073E-12	1.519E-09	1.038E-21	2.281E-13	2.500E+04

Table II. - Continued.

P/PO = 2.00E+00

T	E-	Q	Q+	Q++	Q-	Q2	Q2+	Q2-
1.000E+02	0.	0.	0.	0.	0.	4.475E-11	1.760E-18	0.
2.000E+02	0.	5.420E-68	0.	0.	0.	5.211E-11	1.760E-18	0.
3.000E+02	0.	2.570E-46	2.181E-80	0.	0.	5.840E-11	1.760E-18	0.
4.000E+02	0.	1.730E-35	5.860E-63	0.	0.	5.001E-11	1.760E-18	0.
5.000E+02	0.	5.890E-29	1.674E-52	0.	0.	5.086E-11	1.760E-18	0.
6.000E+02	5.545E-94	1.348E-24	1.622E-45	0.	0.	4.981E-11	1.760E-18	0.
7.000E+02	2.367E-79	1.804E-21	1.589E-40	0.	2.711E-90	5.038E-11	1.760E-18	7.066E-83
8.000E+02	1.356E-67	9.742E-19	3.683E-37	0.	2.839E-77	2.969E-10	1.760E-18	2.185E-71
9.000E+02	1.034E-57	3.009E-16	6.692E-35	0.	4.641E-66	6.235E-09	1.760E-18	5.278E-61
1.000E+03	9.261E-50	3.088E-14	4.153E-33	0.	4.905E-57	7.710E-08	1.760E-18	1.253E-52
1.100E+03	3.040E-43	1.371E-12	1.222E-31	0.	1.189E-49	6.042E-07	1.760E-18	8.940E-46
1.200E+03	8.318E-38	3.242E-11	2.055E-30	0.	1.697E-43	3.352E-06	1.760E-18	4.580E-40
1.300E+03	3.361E-33	4.717E-10	2.248E-29	0.	2.731E-38	1.426E-05	1.760E-18	3.091E-35
1.400E+03	3.019E-29	4.687E-09	1.753E-28	0.	7.914E-34	4.924E-05	1.760E-18	4.246E-31
1.500E+03	8.135E-26	3.431E-08	1.041E-27	0.	5.819E-30	1.488E-04	1.760E-18	1.631E-27
1.600E+03	8.235E-23	1.959E-07	4.971E-27	0.	1.404E-26	3.688E-04	1.760E-18	2.225E-24
1.700E+03	3.642E-20	9.114E-07	2.019E-26	0.	1.324E-23	8.363E-04	1.797E-18	1.266E-21
1.800E+03	3.049E-18	8.573E-06	1.899E-25	0.	2.154E-21	1.784E-03	4.940E-18	1.313E-19
1.900E+03	4.237E-17	1.212E-05	5.370E-24	0.	5.379E-20	3.326E-03	4.636E-17	2.186E-18
2.000E+03	3.846E-16	3.636E-05	1.286E-22	0.	8.213E-19	5.951E-03	4.102E-16	2.312E-17
2.100E+03	2.791E-15	9.803E-05	2.316E-21	6.849E-89	9.466E-18	1.082E-02	2.992E-15	1.905E-16
2.200E+03	1.687E-14	2.408E-04	3.224E-20	1.197E-84	8.445E-17	1.680E-02	1.824E-14	1.278E-15
2.300E+03	8.707E-14	5.452E-04	3.580E-19	9.041E-81	6.445E-16	2.481E-02	9.485E-14	7.157E-15
2.400E+03	3.907E-13	1.148E-03	3.262E-18	3.278E-77	4.014E-15	3.532E-02	4.287E-13	3.411E-14
2.500E+03	1.548E-12	2.262E-03	2.496E-17	6.233E-74	2.130E-14	4.920E-02	1.709E-12	5.067E-13
2.600E+03	5.491E-12	4.203E-03	1.637E-16	6.705E-71	9.777E-14	6.781E-02	6.092E-12	5.067E-13
2.700E+03	1.761E-11	7.395E-03	9.353E-16	4.351E-68	3.936E-13	8.467E-02	1.961E-11	1.617E-12
2.800E+03	5.160E-11	1.238E-02	4.725E-15	1.798E-65	1.405E-12	1.049E-01	5.753E-11	4.605E-12
2.900E+03	1.391E-10	1.978E-02	2.136E-14	4.964E-63	4.490E-12	1.253E-01	1.551E-10	1.179E-11
3.000E+03	3.475E-10	3.026E-02	8.744E-14	9.595E-61	1.296E-11	1.443E-01	3.869E-10	5.768E-11
3.100E+03	8.095E-10	4.448E-02	3.270E-13	1.336E-58	3.399E-11	1.605E-01	8.983E-10	1.114E-10
3.200E+03	1.767E-09	6.294E-02	1.127E-12	1.388E-56	8.165E-11	1.724E-01	1.952E-09	1.977E-10
3.300E+03	3.634E-09	8.597E-02	3.605E-12	1.105E-54	1.806E-10	1.792E-01	3.990E-09	3.241E-10
3.400E+03	7.068E-09	1.136E-01	1.078E-11	4.907E-53	3.696E-10	1.883E-01	7.702E-09	4.926E-10
3.500E+03	1.305E-08	1.454E-01	3.027E-11	3.467E-51	7.035E-10	1.757E-01	1.410E-08	6.964E-10
3.600E+03	2.295E-08	1.806E-01	8.030E-11	1.424E-49	1.250E-09	1.640E-01	2.455E-08	9.192E-10
3.700E+03	3.857E-08	2.180E-01	2.021E-10	4.863E-48	2.084E-09	1.521E-01	4.078E-08	1.137E-09
3.800E+03	6.215E-08	2.563E-01	4.843E-10	1.402E-46	3.269E-09	1.354E-01	6.483E-08	1.323E-09
3.900E+03	9.633E-08	2.938E-01	1.109E-09	3.454E-45	4.848E-09	1.172E-01	9.882E-08	1.457E-09
4.000E+03	1.442E-07	3.291E-01	2.432E-09	7.346E-44	6.834E-09	9.887E-02	1.448E-07	1.529E-09
4.100E+03	2.091E-07	3.610E-01	5.120E-09	1.360E-42	9.208E-09	8.154E-02	2.046E-07	1.540E-09
4.200E+03	2.955E-07	3.886E-01	1.036E-08	2.204E-41	1.194E-08	6.508E-02	2.790E-07	1.540E-09
4.300E+03	4.088E-07	4.119E-01	2.018E-08	3.141E-40	1.501E-08	5.260E-02	3.684E-07	1.504E-09
4.400E+03	5.565E-07	4.309E-01	3.782E-08	3.946E-39	1.843E-08	4.150E-02	4.713E-07	1.436E-09
4.500E+03	7.496E-07	4.461E-01	6.824E-08	4.377E-38	2.227E-08	3.253E-02	5.854E-07	1.268E-09
4.600E+03	1.003E-06	4.580E-01	1.185E-07	4.294E-37	2.667E-08	2.542E-02	7.063E-07	1.268E-09
4.700E+03	1.340E-06	4.673E-01	1.982E-07	3.736E-36	3.180E-08	1.987E-02	8.290E-07	1.191E-09
4.800E+03	1.791E-06	4.744E-01	3.194E-07	2.892E-35	3.792E-08	1.566E-02	9.479E-07	1.124E-09
4.900E+03	2.396E-06	4.799E-01	4.977E-07	2.003E-34	4.530E-08	1.223E-02	1.058E-06	1.071E-09
5.000E+03	3.210E-06	4.842E-01	7.503E-07	1.251E-33	5.427E-08	9.668E-03	1.156E-06	1.030E-09
5.100E+03	4.307E-06	4.875E-01	1.099E-06	7.088E-33	6.519E-08	7.684E-03	1.240E-06	9.997E-10
5.200E+03	5.777E-06	4.900E-01	1.567E-06	3.677E-32	7.847E-08	6.146E-03	1.309E-06	9.795E-10
5.300E+03	7.741E-06	4.920E-01	2.183E-06	1.758E-31	9.455E-08	4.947E-03	1.364E-06	9.675E-10
5.400E+03	1.035E-05	4.936E-01	2.977E-06	7.798E-31	1.140E-07	4.009E-03	1.405E-06	9.628E-10
5.500E+03	1.382E-05	4.949E-01	3.983E-06	3.226E-30	1.375E-07	3.271E-03	1.434E-06	9.644E-10
5.600E+03	1.840E-05	4.961E-01	5.234E-06	1.250E-29	1.658E-07	2.686E-03	1.450E-06	9.728E-10
5.700E+03	2.446E-05	4.971E-01	6.761E-06	4.552E-29	2.001E-07	2.220E-03	1.455E-06	9.876E-10
5.800E+03	3.245E-05	4.980E-01	8.594E-06	1.562E-28	2.416E-07	1.847E-03	1.448E-06	1.010E-09
5.900E+03	4.300E-05	4.990E-01	1.075E-05	5.063E-28	2.922E-07	1.566E-03	1.431E-06	1.039E-09
6.000E+03	5.693E-05	5.001E-01	1.326E-05	1.554E-27	3.539E-07	1.383E-03	1.405E-06	1.078E-09
6.100E+03	7.532E-05	5.013E-01	1.611E-05	4.528E-27	4.295E-07	1.185E-03	1.370E-06	1.127E-09
6.200E+03	9.956E-05	5.029E-01	1.932E-05	1.256E-26	5.222E-07	9.436E-04	1.328E-06	1.187E-09
6.300E+03	1.314E-04	5.048E-01	2.291E-05	3.332E-26	6.358E-07	8.110E-04	1.282E-06	1.258E-09
6.400E+03	1.731E-04	5.073E-01	2.688E-05	8.479E-26	7.749E-07	7.019E-04	1.235E-06	1.343E-09
6.500E+03	2.273E-04	5.104E-01	3.128E-05	2.080E-25	9.442E-07	6.118E-04	1.188E-06	1.441E-09
6.600E+03	2.971E-04	5.142E-01	3.619E-05	4.943E-25	1.149E-06	5.372E-04	1.145E-06	1.552E-09
6.700E+03	3.860E-04	5.189E-01	4.170E-05	1.143E-24	1.395E-06	4.752E-04	1.106E-06	1.678E-09
6.800E+03	4.980E-04	5.245E-01	4.793E-05	2.585E-24	1.686E-06	4.285E-04	1.074E-06	1.816E-09
6.900E+03	6.370E-04	5.311E-01	5.508E-05	5.737E-24	2.028E-06	3.802E-04	1.049E-06	1.965E-09
7.000E+03	8.074E-04	5.385E-01	6.333E-05	1.254E-23	2.424E-06	3.486E-04	1.033E-06	2.124E-09
7.100E+03	1.013E-03	5.467E-01	7.293E-05	2.705E-23	2.877E-06	3.124E-04	1.024E-06	2.290E-09
7.200E+03	1.258E-03	5.555E-01	8.415E-05	5.775E-23	3.386E-06	2.865E-04	1.022E-06	2.459E-09
7.300E+03	1.546E-03	5.647E-01	9.731E-05	1.221E-22	3.951E-06	2.620E-04	1.028E-06	2.626E-09
7.400E+03	1.879E-03	5.740E-01	1.127E-04	2.558E-22	4.568E-06	2.413E-04	1.041E-06	2.787E-09
7.500E+03	2.262E-03	5.833E-01	1.308E-04	5.312E-22	5.233E-06	2.286E-04	1.058E-06	2.937E-09
7.600E+03	2.695E-03	5.923E-01	1.520E-04	1.093E-21	5.938E-06	2.057E-04	1.081E-06	3.073E-09
7.700E+03	3.183E-03	6.007E-01	1.747E-04	2.230E-21	6.678E-06	1.982E-04	1.108E-06	3.190E-09
7.800E+03	3.726E-03	6.086E-01	2.054E-04	4.503E-21	7.445E-06	1.759E-04	1.138E-06	3.287E-09
7.900E+03	4.327E-03	6.156E-01	2.386E-04	9.004E-21	8.232E-06	1.627E-04	1.170E-06	3.363E-09
8.000E+03	4.989E-03	6.219E-01	2.770E-04	1.782E-20	9.032E-06	1.584E-04	1.205E-06	3.417E-09
8.200E+03	6.504E-03	6.320E-01	3.718E-04	6.748E-20	1.065E-05	1.283E-04	1.279E-06	3.444E-09

Table II. - Continued.

P/PO = 2.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	4.357E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.620E-40	8.846E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.696E-23	4.057E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	9.369E-21	9.136E-48	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	8.258E-16	1.636E-39	1.000E+00	0.	6.000E+02
1.936E-79	1.969E-80	0.	0.	2.762E-12	1.233E-33	1.000E+00	3.696E-92	7.000E+02
1.322E-65	1.480E-57	0.	0.	5.005E-10	2.229E-30	1.000E+00	1.812E-78	8.000E+02
5.416E-56	1.982E-59	0.	0.	1.237E-08	6.245E-29	1.000E+00	2.888E-09	9.000E+02
3.086E-49	1.305E-54	0.	0.	1.541E-07	7.954E-28	1.000E+00	5.663E-62	1.000E+03
7.261E-44	1.029E-50	0.	0.	1.208E-06	6.348E-27	1.000E+00	5.217E-56	1.100E+03
1.604E-39	1.422E-47	0.	1.592E-77	6.705E-06	3.585E-26	1.000E+00	4.877E-51	1.200E+03
8.318E-36	5.904E-45	0.	5.353E-69	2.852E-05	1.552E-25	1.000E+00	7.844E-47	1.300E+03
1.050E-32	9.745E-43	0.	8.776E-62	9.848E-05	5.450E-25	9.999E-01	3.164E-43	1.400E+03
4.790E-30	7.788E-41	0.	1.340E-55	2.877E-04	1.620E-24	9.996E-01	4.219E-40	1.500E+03
9.669E-28	3.483E-39	2.555E-95	3.063E-50	7.339E-04	4.202E-24	9.989E-01	2.289E-37	1.600E+03
1.007E-25	9.717E-38	1.092E-91	1.495E-45	1.674E-03	9.954E-24	9.975E-01	5.920E-35	1.700E+03
6.072E-24	1.877E-36	1.824E-88	2.005E-41	3.475E-03	5.787E-23	9.948E-01	8.256E-33	1.800E+03
2.324E-22	7.065E-35	3.788E-85	3.458E-38	6.665E-03	1.062E-21	9.900E-01	6.840E-31	1.900E+03
6.060E-21	6.915E-33	3.086E-80	7.144E-36	1.194E-02	1.720E-20	9.821E-01	3.638E-29	2.000E+03
1.140E-19	5.067E-31	4.843E-76	7.312E-34	2.014E-02	2.169E-19	9.697E-01	1.322E-27	2.100E+03
1.622E-18	2.514E-29	3.147E-72	4.718E-32	3.223E-02	2.178E-18	9.515E-01	3.455E-26	2.200E+03
1.809E-17	8.801E-28	9.338E-69	2.066E-30	4.917E-02	1.790E-17	9.260E-01	6.766E-25	2.300E+03
1.533E-16	2.264E-26	1.399E-65	6.452E-29	7.180E-02	1.232E-16	8.917E-01	1.028E-23	2.400E+03
1.224E-15	4.885E-25	1.154E-62	1.498E-27	1.007E-01	7.257E-15	8.479E-01	1.247E-22	2.500E+03
7.784E-15	7.044E-24	5.633E-60	2.671E-26	1.358E-01	3.717E-15	7.942E-01	1.238E-21	2.600E+03
4.275E-14	8.957E-23	1.732E-57	3.767E-25	1.767E-01	1.680E-14	7.312E-01	1.026E-20	2.700E+03
2.060E-13	9.512E-22	3.538E-55	4.302E-24	2.222E-01	6.784E-14	6.605E-01	7.238E-20	2.800E+03
8.825E-13	8.570E-21	5.027E-53	4.062E-23	2.703E-01	2.477E-13	5.847E-01	4.412E-19	2.900E+03
3.402E-12	6.678E-20	5.168E-51	3.229E-22	3.188E-01	8.250E-13	5.066E-01	2.359E-18	3.000E+03
1.192E-11	4.572E-19	3.982E-49	2.195E-21	3.654E-01	2.532E-12	4.297E-01	1.121E-17	3.100E+03
3.836E-11	2.779E-18	2.371E-47	1.295E-20	4.078E-01	7.217E-12	3.568E-01	4.799E-17	3.200E+03
1.143E-10	1.537E-17	1.121E-45	6.713E-20	4.444E-01	1.927E-11	2.904E-01	1.872E-16	3.300E+03
3.182E-10	7.732E-17	4.303E-44	3.096E-19	4.741E-01	4.853E-11	2.320E-01	6.730E-16	3.400E+03
8.335E-10	3.591E-16	1.382E-42	1.284E-18	4.967E-01	1.156E-10	1.822E-01	2.257E-15	3.500E+03
2.070E-09	1.555E-15	3.755E-41	4.839E-18	5.125E-01	2.657E-10	1.409E-01	7.130E-15	3.600E+03
4.907E-09	6.334E-15	8.809E-40	1.673E-17	5.223E-01	5.850E-10	1.076E-01	2.144E-14	3.700E+03
1.117E-08	2.447E-14	1.810E-38	5.353E-17	5.271E-01	1.245E-09	8.120E-02	6.188E-14	3.800E+03
2.458E-08	9.031E-14	3.319E-37	1.598E-16	5.282E-01	2.575E-09	6.076E-02	1.728E-13	3.900E+03
5.249E-08	3.201E-13	5.455E-36	4.438E-16	5.268E-01	5.187E-09	4.518E-02	4.696E-13	4.000E+03
1.092E-07	1.094E-12	8.138E-35	1.193E-15	5.240E-01	1.020E-08	3.347E-02	1.247E-12	4.100E+03
2.222E-07	3.614E-12	1.107E-33	3.025E-15	5.206E-01	1.959E-08	2.477E-02	3.245E-12	4.200E+03
4.428E-07	1.152E-11	1.374E-32	7.358E-15	5.171E-01	3.674E-08	1.836E-02	8.274E-12	4.300E+03
8.650E-07	3.557E-11	1.555E-31	1.727E-14	5.139E-01	6.713E-08	1.365E-02	2.966E-11	4.400E+03
1.657E-06	1.056E-10	1.602E-30	3.931E-14	5.112E-01	1.193E-07	1.021E-02	5.047E-11	4.500E+03
3.113E-06	3.009E-10	1.494E-29	8.723E-14	5.089E-01	2.057E-07	7.684E-03	1.204E-10	4.600E+03
5.736E-06	8.208E-10	1.263E-28	1.895E-13	5.070E-01	3.439E-07	5.823E-03	2.803E-10	4.700E+03
1.036E-05	2.140E-09	9.627E-28	4.043E-13	5.055E-01	5.567E-07	4.457E-03	6.359E-10	4.800E+03
1.835E-05	5.325E-09	6.624E-27	8.492E-13	5.043E-01	8.735E-07	3.438E-03	1.406E-09	4.900E+03
3.187E-05	1.266E-08	4.126E-26	1.759E-12	5.034E-01	1.330E-06	2.675E-03	3.028E-09	5.000E+03
5.430E-05	2.881E-08	2.337E-25	3.591E-12	5.027E-01	1.371E-06	2.059E-03	6.358E-09	5.100E+03
9.082E-05	6.288E-08	1.212E-24	7.229E-12	5.020E-01	2.848E-06	1.660E-03	1.302E-08	5.200E+03
1.143E-04	1.320E-07	5.785E-24	1.434E-11	5.014E-01	4.022E-06	1.324E-03	2.600E-08	5.300E+03
2.408E-04	2.673E-07	2.562E-23	2.799E-11	5.009E-01	5.363E-06	1.064E-03	5.070E-08	5.400E+03
3.823E-04	5.239E-07	1.056E-22	5.381E-11	5.003E-01	7.548E-06	8.620E-04	9.661E-08	5.500E+03
5.971E-04	9.947E-07	4.075E-22	1.018E-10	4.996E-01	1.006E-05	7.029E-04	1.800E-07	5.600E+03
9.182E-04	1.833E-06	1.478E-21	1.898E-10	4.987E-01	1.316E-05	5.770E-04	3.280E-07	5.700E+03
1.391E-03	3.281E-06	5.047E-21	3.485E-10	4.975E-01	1.694E-05	4.766E-04	5.851E-07	5.800E+03
2.076E-03	5.712E-06	1.628E-20	6.210E-10	4.959E-01	2.143E-05	3.960E-04	1.022E-06	5.900E+03
3.054E-03	9.678E-06	4.964E-20	1.127E-09	4.958E-01	2.566E-05	3.307E-04	1.746E-06	6.000E+03
4.431E-03	1.596E-05	1.434E-19	1.988E-09	4.908E-01	3.292E-05	2.774E-04	2.919E-06	6.100E+03
6.336E-03	2.564E-05	3.931E-19	3.462E-09	4.868E-01	3.928E-05	2.337E-04	4.774E-06	6.200E+03
8.933E-03	4.016E-05	1.025E-18	5.949E-09	4.815E-01	4.656E-05	1.975E-04	7.629E-06	6.300E+03
1.241E-02	6.133E-05	2.346E-18	1.008E-08	4.745E-01	5.436E-05	1.673E-04	1.190E-05	6.400E+03
1.698E-02	9.144E-05	6.045E-18	1.681E-08	4.655E-01	6.258E-05	1.419E-04	1.807E-05	6.500E+03
2.288E-02	1.332E-04	1.376E-17	2.757E-08	4.542E-01	7.109E-05	1.205E-04	2.670E-05	6.600E+03
3.031E-02	1.899E-04	3.015E-17	4.432E-08	4.402E-01	7.976E-05	1.022E-04	3.829E-05	6.700E+03
3.948E-02	2.549E-04	5.373E-17	6.974E-08	4.234E-01	8.844E-05	8.656E-05	5.323E-05	6.800E+03
5.049E-02	3.623E-04	1.305E-16	1.072E-07	4.038E-01	9.598E-05	7.308E-05	7.160E-05	6.900E+03
6.337E-02	4.861E-04	2.593E-16	1.605E-07	3.814E-01	1.052E-04	6.144E-05	9.312E-05	7.000E+03
7.804E-02	6.404E-04	5.019E-16	2.340E-07	3.566E-01	1.130E-04	5.138E-05	1.173E-04	7.100E+03
9.428E-02	8.292E-04	9.481E-16	3.318E-07	3.298E-01	1.202E-04	4.270E-05	1.422E-04	7.200E+03
1.118E-01	1.056E-03	1.752E-15	4.574E-07	3.017E-01	1.267E-04	3.524E-05	1.671E-04	7.300E+03
1.301E-01	1.325E-03	3.171E-15	6.132E-07	2.731E-01	1.323E-04	2.885E-05	1.903E-04	7.400E+03
1.487E-01	1.638E-03	5.632E-15	8.003E-07	2.445E-01	1.369E-04	2.344E-05	2.104E-04	7.500E+03
1.722E-01	1.999E-03	9.830E-15	1.018E-06	2.168E-01	1.405E-04	1.890E-05	2.262E-04	7.600E+03
1.851E-01	2.409E-03	1.688E-14	1.264E-06	1.904E-01	1.431E-04	1.512E-05	2.372E-04	7.700E+03
2.020E-01	2.870E-03	2.853E-14	1.535E-06	1.659E-01	1.477E-04	1.202E-05	2.432E-04	7.800E+03
2.177E-01	3.384E-03	4.752E-14	1.826E-06	1.434E-01	1.454E-04	9.490E-06	2.443E-04	7.900E+03
2.319E-01	3.952E-03	7.809E-14	2.132E-06	1.233E-01	1.452E-04	7.458E-06	2.413E-04	8.000E+03
2.445E-01	4.577E-03	1.266E-13	2.449E-06	8.974E-02	1.427E-04	4.554E-06	2.254E-04	8.200E+03
2.649E-01	6.002E-03	3.210E-13	3.098E-06					



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	8.295E-03	6.391E-01	4.955E-04	2.441E-19	1.228E-05	1.004E-04	1.358E-06	3.442E-09
8.600E+03	1.039E-02	6.436E-01	6.548E-04	8.426E-19	1.389E-05	9.394E-05	1.439E-06	3.369E-09
8.800E+03	1.281E-02	6.462E-01	8.574E-04	2.776E-18	1.549E-05	7.972E-05	1.523E-06	3.262E-09
9.000E+03	1.560E-02	6.472E-01	1.112E-03	8.736E-18	1.707E-05	6.825E-05	1.607E-06	3.133E-09
9.200E+03	1.879E-02	6.470E-01	1.430E-03	2.630E-17	1.861E-05	5.880E-05	1.693E-06	2.992E-09
9.400E+03	2.241E-02	6.457E-01	1.822E-03	7.591E-17	2.013E-05	5.048E-05	1.780E-06	2.844E-09
9.600E+03	2.649E-02	6.436E-01	2.301E-03	2.105E-16	2.161E-05	4.363E-05	1.867E-06	2.695E-09
9.800E+03	3.105E-02	6.408E-01	2.882E-03	5.617E-16	2.304E-05	3.783E-05	1.955E-06	2.545E-09
1.000E+04	3.613E-02	6.373E-01	3.583E-03	1.446E-15	2.442E-05	3.200E-05	2.043E-06	2.398E-09
1.020E+04	4.174E-02	6.331E-01	4.420E-03	3.598E-15	2.572E-05	2.869E-05	2.131E-06	2.253E-09
1.040E+04	4.789E-02	6.283E-01	5.415E-03	8.668E-15	2.695E-05	2.589E-05	2.219E-06	2.111E-09
1.060E+04	5.460E-02	6.229E-01	6.591E-03	2.026E-14	2.808E-05	2.199E-05	2.306E-06	1.974E-09
1.080E+04	6.187E-02	6.169E-01	7.970E-03	4.604E-14	2.911E-05	1.930E-05	2.393E-06	1.840E-09
1.100E+04	6.970E-02	6.102E-01	9.581E-03	1.018E-13	3.003E-05	1.688E-05	2.477E-06	1.710E-09
1.120E+04	7.808E-02	6.026E-01	1.145E-02	2.194E-13	3.082E-05	1.485E-05	2.560E-06	1.585E-09
1.140E+04	8.699E-02	5.948E-01	1.361E-02	4.616E-13	3.147E-05	1.317E-05	2.640E-06	1.464E-09
1.160E+04	9.641E-02	5.861E-01	1.609E-02	9.491E-13	3.198E-05	1.162E-05	2.716E-06	1.348E-09
1.180E+04	1.063E-01	5.767E-01	1.893E-02	1.909E-12	3.235E-05	1.025E-05	2.788E-06	1.237E-09
1.200E+04	1.167E-01	5.666E-01	2.215E-02	3.762E-12	3.256E-05	9.042E-06	2.855E-06	1.131E-09
1.220E+04	1.275E-01	5.557E-01	2.580E-02	7.265E-12	3.262E-05	7.973E-06	2.915E-06	1.030E-09
1.240E+04	1.386E-01	5.442E-01	2.990E-02	1.376E-11	3.253E-05	7.026E-06	2.965E-06	9.336E-10
1.260E+04	1.502E-01	5.320E-01	3.450E-02	2.560E-11	3.228E-05	6.105E-06	3.013E-06	8.431E-10
1.280E+04	1.620E-01	5.190E-01	3.960E-02	4.679E-11	3.189E-05	5.437E-06	3.048E-06	7.579E-10
1.300E+04	1.741E-01	5.053E-01	4.525E-02	8.405E-11	3.136E-05	4.771E-06	3.072E-06	6.781E-10
1.320E+04	1.864E-01	4.909E-01	5.146E-02	1.485E-10	3.070E-05	4.188E-06	3.084E-06	6.038E-10
1.340E+04	1.989E-01	4.758E-01	5.823E-02	2.581E-10	2.992E-05	3.649E-06	3.083E-06	5.349E-10
1.360E+04	2.115E-01	4.600E-01	6.557E-02	4.416E-10	2.902E-05	3.188E-06	3.067E-06	4.713E-10
1.380E+04	2.242E-01	4.437E-01	7.347E-02	7.440E-10	2.801E-05	2.759E-06	3.036E-06	4.130E-10
1.400E+04	2.370E-01	4.267E-01	8.191E-02	1.235E-09	2.692E-05	2.386E-06	2.990E-06	3.598E-10
1.420E+04	2.498E-01	4.092E-01	9.085E-02	2.020E-09	2.575E-05	2.056E-06	2.927E-06	3.115E-10
1.440E+04	2.626E-01	3.913E-01	1.003E-01	3.256E-09	2.451E-05	1.784E-06	2.850E-06	2.681E-10
1.460E+04	2.754E-01	3.730E-01	1.101E-01	5.177E-09	2.322E-05	1.506E-06	2.757E-06	2.292E-10
1.480E+04	2.880E-01	3.544E-01	1.202E-01	8.120E-09	2.190E-05	1.280E-06	2.651E-06	1.946E-10
1.500E+04	3.004E-01	3.357E-01	1.307E-01	1.257E-08	2.055E-05	1.082E-06	2.533E-06	1.642E-10
1.520E+04	3.126E-01	3.169E-01	1.413E-01	1.921E-08	1.919E-05	9.107E-07	2.405E-06	1.375E-10
1.540E+04	3.246E-01	2.982E-01	1.520E-01	2.900E-08	1.783E-05	7.622E-07	2.268E-06	1.144E-10
1.560E+04	3.363E-01	2.797E-01	1.628E-01	4.325E-08	1.649E-05	6.345E-07	2.126E-06	9.452E-11
1.580E+04	3.476E-01	2.615E-01	1.734E-01	6.378E-08	1.518E-05	5.255E-07	1.980E-06	7.755E-11
1.600E+04	3.585E-01	2.437E-01	1.840E-01	9.300E-08	1.391E-05	4.330E-07	1.832E-06	6.320E-11
1.620E+04	3.689E-01	2.264E-01	1.943E-01	1.342E-07	1.269E-05	3.550E-07	1.686E-06	5.116E-11
1.640E+04	3.789E-01	2.098E-01	2.043E-01	1.916E-07	1.153E-05	2.896E-07	1.542E-06	4.116E-11
1.660E+04	3.884E-01	1.938E-01	2.139E-01	2.709E-07	1.043E-05	2.352E-07	1.403E-06	3.291E-11
1.680E+04	3.974E-01	1.785E-01	2.232E-01	3.794E-07	9.397E-06	1.902E-07	1.269E-06	2.617E-11
1.700E+04	4.058E-01	1.641E-01	2.320E-01	5.267E-07	8.437E-06	1.532E-07	1.143E-06	2.070E-11
1.720E+04	4.138E-01	1.505E-01	2.403E-01	7.247E-07	7.550E-06	1.230E-07	1.025E-06	1.630E-11
1.740E+04	4.211E-01	1.378E-01	2.481E-01	9.890E-07	6.735E-06	9.845E-08	9.157E-07	1.278E-11
1.760E+04	4.280E-01	1.259E-01	2.555E-01	1.339E-06	5.992E-06	7.858E-08	8.149E-07	9.981E-12
1.780E+04	4.343E-01	1.148E-01	2.623E-01	1.799E-06	5.319E-06	6.258E-08	7.229E-07	7.770E-12
1.800E+04	4.402E-01	1.046E-01	2.686E-01	2.399E-06	4.711E-06	4.975E-08	6.395E-07	6.033E-12
1.820E+04	4.455E-01	9.525E-02	2.744E-01	3.178E-06	4.165E-06	3.949E-08	5.644E-07	4.674E-12
1.840E+04	4.505E-01	8.663E-02	2.797E-01	4.180E-06	3.677E-06	3.132E-08	4.971E-07	3.615E-12
1.860E+04	4.550E-01	7.874E-02	2.846E-01	5.465E-06	3.242E-06	2.483E-08	4.371E-07	2.793E-12
1.880E+04	4.591E-01	7.154E-02	2.891E-01	7.100E-06	2.856E-06	1.968E-08	3.838E-07	2.156E-12
1.900E+04	4.628E-01	6.499E-02	2.931E-01	9.169E-06	2.515E-06	1.580E-08	3.368E-07	1.664E-12
1.920E+04	4.662E-01	5.903E-02	2.968E-01	1.178E-05	2.213E-06	1.237E-08	2.953E-07	1.284E-12
1.940E+04	4.693E-01	5.363E-02	3.001E-01	1.504E-05	1.947E-06	9.816E-09	2.588E-07	9.915E-13
1.960E+04	4.722E-01	4.873E-02	3.031E-01	1.911E-05	1.713E-06	7.799E-09	2.267E-07	7.662E-13
1.980E+04	4.747E-01	4.430E-02	3.058E-01	2.415E-05	1.508E-06	6.204E-09	1.987E-07	5.927E-13
2.000E+04	4.771E-01	4.029E-02	3.083E-01	3.038E-05	1.328E-06	4.942E-09	1.742E-07	4.591E-13
2.020E+04	4.792E-01	3.667E-02	3.105E-01	3.804E-05	1.169E-06	3.944E-09	1.527E-07	3.561E-13
2.040E+04	4.812E-01	3.339E-02	3.125E-01	4.741E-05	1.031E-06	3.153E-09	1.340E-07	2.768E-13
2.060E+04	4.830E-01	3.043E-02	3.142E-01	5.884E-05	9.092E-07	2.526E-09	1.176E-07	2.155E-13
2.080E+04	4.846E-01	2.776E-02	3.158E-01	7.270E-05	8.024E-07	2.027E-09	1.034E-07	1.681E-13
2.100E+04	4.861E-01	2.534E-02	3.172E-01	8.945E-05	7.092E-07	1.631E-09	9.091E-08	1.315E-13
2.120E+04	4.875E-01	2.316E-02	3.184E-01	1.096E-04	5.273E-07	1.314E-09	8.003E-08	1.031E-13
2.140E+04	4.888E-01	2.118E-02	3.195E-01	1.338E-04	5.555E-07	1.062E-09	7.053E-08	8.096E-14
2.160E+04	4.901E-01	1.939E-02	3.204E-01	1.628E-04	5.924E-07	8.601E-10	6.222E-08	6.376E-14
2.180E+04	4.912E-01	1.777E-02	3.212E-01	1.972E-04	6.370E-07	6.982E-10	5.495E-08	5.034E-14
2.200E+04	4.923E-01	1.631E-02	3.219E-01	2.381E-04	6.882E-07	5.681E-10	4.859E-08	3.985E-14
2.220E+04	4.934E-01	1.498E-02	3.225E-01	2.865E-04	7.454E-07	4.634E-10	4.301E-08	3.162E-14
2.240E+04	4.945E-01	1.377E-02	3.229E-01	3.435E-04	8.076E-07	3.789E-10	3.812E-08	2.516E-14
2.260E+04	4.955E-01	1.268E-02	3.233E-01	4.105E-04	8.744E-07	3.105E-10	3.382E-08	2.007E-14
2.280E+04	4.965E-01	1.168E-02	3.235E-01	4.889E-04	9.450E-07	2.550E-10	3.004E-08	1.605E-14
2.300E+04	4.975E-01	1.077E-02	3.237E-01	5.804E-04	1.031E-06	2.100E-10	2.672E-08	1.287E-14
2.320E+04	4.985E-01	9.946E-03	3.237E-01	6.869E-04	1.161E-07	1.733E-10	2.379E-08	1.033E-14
2.340E+04	4.995E-01	9.193E-03	3.236E-01	8.105E-04	1.278E-07	1.433E-10	2.120E-08	8.341E-15
2.360E+04	5.006E-01	8.506E-03	3.235E-01	9.533E-04	1.575E-07	1.188E-10	1.892E-08	6.740E-15
2.380E+04	5.017E-01	7.877E-03	3.232E-01	1.118E-03	1.818E-07	9.872E-11	1.690E-08	5.460E-15
2.400E+04	5.028E-01	7.303E-03	3.228E-01	1.307E-03	2.076E-07	8.219E-11	1.511E-08	4.434E-15
2.420E+04	5.040E-01	6.777E-03	3.224E-01	1.524E-03	2.371E-07	6.857E-11	1.352E-08	3.609E-15
2.440E+04	5.052E-01	6.294E-03	3.218E-01	1.771E-03	2.713E-07	5.732E-11	1.212E-08	2.945E-15
2.460E+04	5.065E-01	5.852E-03	3.211E-01	2.053E-03	3.107E-07	4.892E-11	1.086E-08	2.408E-15
2.480E+04	5.078E-01	5.445E-03	3.203E-01	2.374E-03	3.543E-07	4.030E-11	9.748E-09	1.974E-15
2.500E+04	5.092E-01	5.071E-03	3.194E-01	2.736E-03	4.040E-07	3.388E-11	8.755E-09	1.622E-15

Table II. - Continued.

C	C*	C++	C-	CO	CO+	CO2	C2	T
2.795E-01	7.576E-03	7.772E-13	3.747E-05	6.453E-02	1.381E-04	2.758E+05	2.017E-04	8.400E+03
2.891E-01	9.617E-03	1.805E-12	4.378E-06	4.614E-02	1.322E-04	1.668E+06	1.753E-04	8.600E+03
2.949E-01	1.183E-02	4.032E-12	4.983E-06	3.298E-02	1.237E-04	1.013E+05	1.494E-04	8.800E+03
2.977E-01	1.439E-02	8.092E-12	5.559E-06	2.564E-02	1.190E-04	6.199E+07	1.258E-04	9.000E+03
2.982E-01	1.727E-02	1.812E-11	6.102E-06	1.703E-02	1.123E-04	3.831E-07	1.051E-04	9.200E+03
2.969E-01	2.051E-02	3.663E-11	6.611E-06	1.724E-02	1.058E-04	2.594E-07	8.742E-05	9.400E+03
2.942E-01	2.412E-02	7.191E-11	7.083E-06	9.10E-03	9.937E-05	1.513E-07	7.251E-05	9.600E+03
2.903E-01	2.811E-02	1.374E-10	7.513E-06	6.622E-03	9.363E-05	9.669E-08	6.003E-05	9.800E+03
2.854E-01	3.249E-02	2.557E-10	7.898E-06	4.899E-03	8.798E-05	6.246E-08	4.963E-05	1.000E+04
2.796E-01	3.727E-02	4.647E-10	8.233E-06	3.648E-03	8.262E-05	4.075E-08	4.099E-05	1.020E+04
2.730E-01	4.243E-02	8.254E-10	8.513E-06	2.732E-03	7.753E-05	2.684E-08	3.380E-05	1.040E+04
2.637E-01	4.798E-02	1.433E-09	8.735E-06	2.058E-03	7.268E-05	1.783E-08	2.784E-05	1.060E+04
2.577E-01	5.387E-02	2.443E-09	8.895E-06	1.557E-03	6.806E-05	1.193E-08	2.288E-05	1.080E+04
2.491E-01	6.009E-02	4.078E-09	8.990E-06	1.183E-03	6.365E-05	8.039E-09	1.876E-05	1.100E+04
2.400E-01	6.660E-02	6.085E-09	9.019E-06	9.023E-04	5.943E-05	5.448E-09	1.535E-05	1.120E+04
2.305E-01	7.325E-02	1.076E-08	8.983E-06	6.903E-04	5.539E-05	3.712E-09	1.252E-05	1.140E+04
2.205E-01	8.031E-02	1.704E-08	8.882E-06	5.295E-04	5.152E-05	2.539E-09	1.017E-05	1.160E+04
2.102E-01	8.733E-02	2.635E-08	8.720E-06	4.071E-04	4.781E-05	1.744E-09	8.241E-06	1.180E+04
1.997E-01	9.453E-02	4.073E-08	8.501E-06	3.135E-04	4.425E-05	1.201E-09	6.650E-06	1.200E+04
1.890E-01	1.017E-01	6.155E-08	8.231E-06	2.417E-04	4.085E-05	8.286E-10	5.344E-06	1.220E+04
1.782E-01	1.087E-01	9.170E-08	7.915E-06	1.866E-04	3.760E-05	5.727E-10	4.277E-06	1.240E+04
1.675E-01	1.157E-01	1.348E-07	7.562E-06	1.441E-04	3.451E-05	3.963E-10	3.408E-06	1.260E+04
1.568E-01	1.224E-01	1.954E-07	7.179E-06	1.113E-04	3.156E-05	2.743E-10	2.704E-06	1.280E+04
1.464E-01	1.288E-01	2.799E-07	6.774E-06	8.599E-05	2.876E-05	1.898E-10	2.137E-06	1.300E+04
1.362E-01	1.349E-01	3.963E-07	6.354E-06	6.641E-05	2.612E-05	1.313E-10	1.682E-06	1.320E+04
1.263E-01	1.406E-01	5.537E-07	5.927E-06	5.127E-05	2.363E-05	9.076E-11	1.318E-06	1.340E+04
1.168E-01	1.459E-01	7.657E-07	5.501E-06	3.956E-05	2.130E-05	6.264E-11	1.030E-06	1.360E+04
1.078E-01	1.508E-01	1.048E-06	5.079E-06	3.050E-05	1.913E-05	4.315E-11	8.015E-07	1.380E+04
9.916E-02	1.551E-01	1.419E-06	4.669E-06	2.349E-05	1.711E-05	2.966E-11	6.220E-07	1.400E+04
9.102E-02	1.590E-01	1.903E-06	4.273E-06	1.808E-05	1.525E-05	2.034E-11	4.813E-07	1.420E+04
8.338E-02	1.624E-01	2.529E-06	3.894E-06	1.390E-05	1.353E-05	1.391E-11	3.715E-07	1.440E+04
7.624E-02	1.653E-01	3.332E-06	3.536E-06	1.067E-05	1.196E-05	9.485E-12	2.861E-07	1.460E+04
6.959E-02	1.677E-01	4.354E-06	3.200E-06	8.184E-06	1.054E-05	6.448E-12	2.200E-07	1.480E+04
6.343E-02	1.697E-01	5.646E-06	2.886E-06	6.270E-06	9.247E-06	4.369E-12	1.689E-07	1.500E+04
5.775E-02	1.714E-01	7.269E-06	2.595E-06	4.798E-06	8.086E-06	2.950E-12	1.295E-07	1.520E+04
5.252E-02	1.726E-01	9.297E-06	2.327E-06	3.667E-06	7.047E-06	1.986E-12	9.923E-08	1.540E+04
4.773E-02	1.735E-01	1.182E-05	2.081E-06	2.800E-06	6.123E-06	1.332E-12	7.599E-08	1.560E+04
4.335E-02	1.741E-01	1.493E-05	1.857E-06	2.136E-06	5.303E-06	8.907E-13	5.819E-08	1.580E+04
3.935E-02	1.745E-01	1.877E-05	1.654E-06	1.628E-06	4.581E-06	5.938E-13	4.456E-08	1.600E+04
3.571E-02	1.746E-01	2.348E-05	1.470E-06	1.241E-06	3.947E-06	3.947E-13	3.414E-08	1.620E+04
3.241E-02	1.746E-01	2.923E-05	1.304E-06	9.447E-07	3.392E-06	2.618E-13	2.618E-08	1.640E+04
2.941E-02	1.744E-01	3.624E-05	1.155E-06	7.192E-07	2.911E-06	1.782E-13	2.009E-08	1.660E+04
2.670E-02	1.741E-01	4.474E-05	1.022E-06	5.475E-07	2.494E-06	1.144E-13	1.544E-08	1.680E+04
2.425E-02	1.737E-01	5.504E-05	9.038E-07	4.170E-07	2.133E-06	7.545E-14	1.189E-08	1.700E+04
2.204E-02	1.733E-01	6.747E-05	7.983E-07	3.177E-07	1.823E-06	4.972E-14	9.166E-09	1.720E+04
2.004E-02	1.728E-01	8.244E-05	7.047E-07	2.423E-07	1.556E-06	3.274E-14	7.083E-09	1.740E+04
1.824E-02	1.723E-01	1.004E-04	6.219E-07	1.849E-07	1.328E-06	2.156E-14	5.485E-09	1.760E+04
1.661E-02	1.718E-01	1.213E-04	5.486E-07	1.413E-07	1.133E-06	1.421E-14	4.258E-09	1.780E+04
1.513E-02	1.712E-01	1.475E-04	4.840E-07	1.082E-07	9.650E-07	9.371E-15	3.314E-09	1.800E+04
1.383E-02	1.708E-01	1.782E-04	4.270E-07	8.296E-08	8.241E-07	6.189E-15	2.586E-09	1.820E+04
1.264E-02	1.703E-01	2.145E-04	3.769E-07	6.375E-08	7.034E-07	4.095E-15	2.024E-09	1.840E+04
1.156E-02	1.699E-01	2.575E-04	3.327E-07	4.909E-08	6.006E-07	2.715E-15	1.588E-09	1.860E+04
1.059E-02	1.694E-01	3.084E-04	2.939E-07	3.789E-08	5.133E-07	1.803E-15	1.250E-09	1.880E+04
9.719E-03	1.690E-01	3.682E-04	2.598E-07	2.932E-08	4.391E-07	1.203E-15	9.866E-10	1.900E+04
8.927E-03	1.686E-01	4.386E-04	2.298E-07	2.274E-08	3.759E-07	8.046E-16	7.811E-10	1.920E+04
8.210E-03	1.682E-01	5.210E-04	2.035E-07	1.769E-08	3.223E-07	5.399E-16	6.202E-10	1.940E+04
7.561E-03	1.678E-01	6.172E-04	1.802E-07	1.380E-08	2.766E-07	3.636E-16	4.939E-10	1.960E+04
6.973E-03	1.674E-01	7.294E-04	1.599E-07	1.080E-08	2.377E-07	2.458E-16	3.944E-10	1.980E+04
6.438E-03	1.670E-01	8.597E-04	1.419E-07	8.474E-09	2.045E-07	1.668E-16	3.159E-10	2.000E+04
5.952E-03	1.665E-01	1.011E-03	1.261E-07	6.669E-09	1.763E-07	1.137E-16	2.537E-10	2.020E+04
5.509E-03	1.663E-01	1.185E-03	1.122E-07	5.264E-09	1.521E-07	7.782E-17	2.043E-10	2.040E+04
5.106E-03	1.659E-01	1.386E-03	9.990E-08	4.168E-09	1.315E-07	5.348E-17	1.650E-10	2.060E+04
4.738E-03	1.654E-01	1.616E-03	8.905E-08	3.309E-09	1.138E-07	3.692E-17	1.326E-10	2.080E+04
4.401E-03	1.650E-01	1.881E-03	7.945E-08	2.655E-09	9.860E-08	2.559E-17	1.084E-10	2.100E+04
4.092E-03	1.646E-01	2.182E-03	7.096E-08	2.105E-09	8.558E-08	1.782E-17	8.821E-11	2.120E+04
3.810E-03	1.641E-01	2.526E-03	6.345E-08	1.636E-09	7.438E-08	1.246E-17	7.193E-11	2.140E+04
3.550E-03	1.635E-01	2.916E-03	5.678E-08	1.354E-09	6.473E-08	8.747E-18	5.678E-11	2.160E+04
3.311E-03	1.629E-01	3.357E-03	5.086E-08	1.091E-09	5.641E-08	6.168E-18	4.814E-11	2.180E+04
3.090E-03	1.623E-01	3.835E-03	4.560E-08	8.808E-10	4.922E-08	4.367E-18	3.949E-11	2.200E+04
2.887E-03	1.616E-01	4.415E-03	4.092E-08	7.131E-10	4.299E-08	3.105E-18	3.246E-11	2.220E+04
2.699E-03	1.608E-01	5.043E-03	3.675E-08	5.788E-10	3.760E-08	2.216E-18	2.673E-11	2.240E+04
2.525E-03	1.599E-01	5.745E-03	3.303E-08	4.709E-10	3.292E-08	1.588E-18	2.204E-11	2.260E+04
2.364E-03	1.589E-01	6.527E-03	2.971E-08	3.840E-10	2.884E-08	1.142E-18	1.820E-11	2.280E+04
2.214E-03	1.579E-01	7.395E-03	2.674E-08	3.138E-10	2.530E-08	8.244E-19	1.505E-11	2.300E+04
2.074E-03	1.567E-01	8.353E-03	2.408E-08	2.570E-10	2.221E-08	5.972E-19	1.245E-11	2.320E+04
1.944E-03	1.555E-01	9.414E-03	2.170E-08	2.138E-10	1.951E-08	4.341E-19	1.032E-11	2.340E+04
1.823E-03	1.541E-01	1.058E-02	1.956E-08	1.733E-10	1.714E-08	3.166E-19	8.552E-12	2.360E+04
1.709E-03	1.525E-01	1.195E-02	1.764E-08	1.427E-10	1.507E-08	2.216E-19	7.094E-12	2.380E+04
1.603E-03	1.509E-01	1.323E-02	1.591E-08	1.177E-10	1.26E-08	1.699E-19	5.887E-12	2.400E+04
1.503E-03	1.491E-01	1.474E-02	1.436E-08	9.723E-11	1.167E-08	1.250E-19	4.886E-12	2.420E+04
1.410E-03	1.472E-01	1.636E-02	1.296E-08	8.042E-11	1.027E-08	9.221E-20	4.056E-12	2.440E+04
1.322E-03	1.451E-01	1.811E-02	1.170E-08	6.659E-11	9.040E-09	6.819E-20	3.367E-12	2.460E+04
1.239E-03	1.428E-01	1.999E-02	1.056E-08	5.521E-11	7.956E-09	5.055E-20	2.794E-12	2.480E+04
1.161E-03	1.404E-01	2.199E-02	9.534E-09	4.581E-11	7.002E-09	3.755E-20	2.317E-12	2.500E+04



Table II. - Continued.

P/P0 = 3.00E+00

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.475E-11	1.760E-18	0.
2.000E+02	0.	4.193E-68	0.	0.	0.	4.680E-11	1.760E-18	0.
3.000E+02	0.	2.038E-46	1.833E-80	0.	0.	5.507E-11	1.760E-18	0.
4.000E+02	0.	1.417E-35	4.768E-63	0.	0.	5.125E-11	1.760E-18	0.
5.000E+02	0.	4.753E-29	1.303E-52	0.	0.	4.986E-11	1.760E-18	0.
6.000E+02	3.615E-94	1.088E-24	1.339E-45	0.	0.	4.871E-11	1.760E-18	3.581E-96
7.000E+02	1.551E-79	1.460E-21	1.309E-40	0.	2.156E-90	4.951E-11	1.760E-18	6.822E-83
8.000E+02	8.055E-68	7.510E-19	3.186E-37	0.	1.950E-77	2.646E-10	1.760E-18	1.736E-71
9.000E+02	6.020E-58	2.297E-16	5.845E-35	0.	3.096E-66	5.449E-09	1.760E-18	4.031E-61
1.000E+03	5.394E-50	2.356E-14	3.628E-33	0.	3.270E-57	6.736E-08	1.760E-18	9.560E-53
1.100E+03	1.770E-43	1.046E-12	1.067E-31	0.	7.931E-50	5.238E-07	1.760E-18	6.823E-46
1.200E+03	4.844E-38	2.474E-11	1.795E-30	0.	1.131E-43	2.929E-06	1.760E-18	3.495E-40
1.300E+03	1.955E-33	3.600E-10	1.964E-29	0.	1.815E-38	1.246E-05	1.760E-18	2.360E-35
1.400E+03	1.754E-29	3.577E-09	1.531E-28	0.	5.276E-34	4.301E-05	1.760E-18	3.241E-31
1.500E+03	4.738E-24	2.618E-08	9.104E-28	0.	3.880E-30	1.257E-04	1.760E-18	1.245E-27
1.600E+03	4.797E-23	1.495E-07	4.342E-27	0.	9.360E-27	3.205E-04	1.760E-18	1.698E-24
1.700E+03	2.140E-20	6.956E-07	1.749E-24	0.	8.902E-24	7.388E-04	1.782E-18	9.750E-22
1.800E+03	2.168E-18	2.727E-06	1.356E-25	0.	1.753E-21	1.517E-03	4.049E-18	1.223E-19
1.900E+03	3.192E-17	9.256E-06	3.628E-24	0.	4.641E-20	2.989E-03	3.588E-17	2.160E-18
2.000E+03	2.909E-16	2.777E-05	8.621E-23	0.	7.119E-19	5.208E-03	3.164E-16	2.296E-17
2.100E+03	2.111E-15	7.492E-05	1.560E-21	4.065E-89	8.210E-18	8.781E-03	2.310E-15	1.894E-16
2.200E+03	1.276E-14	1.842E-04	2.173E-20	7.115E-85	7.503E-17	1.404E-02	1.411E-14	1.273E-15
2.300E+03	6.587E-14	4.176E-04	2.417E-19	5.378E-81	5.602E-16	2.140E-02	7.356E-14	7.148E-15
2.400E+03	2.958E-13	8.806E-04	2.204E-18	1.950E-77	3.498E-15	3.120E-02	3.334E-13	3.421E-14
2.500E+03	1.174E-12	1.740E-03	1.689E-17	3.707E-74	1.863E-14	4.366E-02	1.334E-12	4.118E-13
2.600E+03	4.173E-12	3.243E-03	1.108E-16	3.966E-71	8.599E-14	5.876E-02	4.772E-12	5.158E-13
2.700E+03	1.343E-11	5.728E-03	6.335E-16	2.577E-68	3.486E-13	7.629E-02	1.543E-11	1.664E-12
2.800E+03	3.950E-11	9.632E-03	3.201E-15	1.062E-65	1.256E-12	9.529E-02	4.551E-11	4.805E-12
2.900E+03	1.071E-10	1.548E-02	1.448E-14	2.917E-63	4.058E-12	1.151E-01	1.234E-10	1.251E-11
3.000E+03	2.692E-10	2.384E-02	5.928E-14	5.597E-61	1.186E-11	1.343E-01	3.100E-10	2.958E-11
3.100E+03	6.320E-10	3.531E-02	2.217E-13	7.735E-59	3.160E-11	1.517E-01	7.252E-10	6.386E-11
3.200E+03	1.392E-09	5.040E-02	7.639E-13	7.961E-57	7.725E-11	1.659E-01	1.589E-09	1.266E-10
3.300E+03	2.891E-09	6.952E-02	2.443E-12	6.272E-55	1.742E-10	1.768E-01	3.279E-09	2.314E-10
3.400E+03	5.685E-09	9.282E-02	7.299E-12	3.877E-53	3.645E-10	1.806E-01	6.396E-09	3.919E-10
3.500E+03	1.063E-08	1.202E-01	2.049E-11	1.921E-51	7.107E-10	1.803E-01	1.184E-08	6.174E-10
3.600E+03	1.894E-08	1.513E-01	5.435E-11	7.782E-50	1.297E-09	1.748E-01	2.088E-08	9.079E-10
3.700E+03	3.229E-08	1.853E-01	1.367E-10	2.619E-48	2.224E-09	1.648E-01	3.517E-08	1.250E-09
3.800E+03	5.283E-08	2.211E-01	3.277E-10	7.437E-47	3.596E-09	1.511E-01	5.675E-08	1.618E-09
3.900E+03	8.318E-08	2.575E-01	7.504E-10	1.804E-45	5.504E-09	1.350E-01	8.792E-08	1.975E-09
4.000E+03	1.264E-07	2.932E-01	1.647E-09	3.783E-44	8.007E-09	1.177E-01	1.311E-07	2.281E-09
4.100E+03	1.860E-07	3.268E-01	3.474E-09	6.916E-43	1.112E-08	1.092E-01	1.885E-07	2.508E-09
4.200E+03	2.661E-07	3.573E-01	7.053E-09	1.111E-41	1.483E-08	8.365E-02	2.619E-07	2.638E-09
4.300E+03	3.716E-07	3.841E-01	1.380E-08	1.575E-40	1.908E-08	6.862E-02	3.524E-07	2.675E-09
4.400E+03	5.088E-07	4.070E-01	2.605E-08	1.982E-39	2.387E-08	5.552E-02	4.598E-07	2.634E-09
4.500E+03	6.862E-07	4.259E-01	4.745E-08	2.216E-38	2.920E-08	4.448E-02	5.829E-07	2.540E-09
4.600E+03	9.159E-07	4.413E-01	8.341E-08	2.207E-37	3.518E-08	3.560E-02	7.184E-07	2.418E-09
4.700E+03	1.215E-06	4.536E-01	1.415E-07	1.962E-36	4.197E-08	2.888E-02	8.619E-07	2.288E-09
4.800E+03	1.606E-06	4.633E-01	2.320E-07	1.560E-35	4.983E-08	2.226E-02	1.008E-06	2.164E-09
4.900E+03	2.123E-06	4.710E-01	3.675E-07	1.113E-34	5.908E-08	1.767E-02	1.150E-06	2.055E-09
5.000E+03	2.807E-06	4.769E-01	5.636E-07	7.162E-34	7.011E-08	1.407E-02	1.283E-06	1.965E-09
5.100E+03	3.716E-06	4.816E-01	8.386E-07	4.180E-33	8.336E-08	1.125E-02	1.403E-06	1.894E-09
5.200E+03	4.922E-06	4.852E-01	1.214E-06	2.229E-32	9.932E-08	9.040E-03	1.507E-06	1.842E-09
5.300E+03	6.520E-06	4.881E-01	1.714E-06	1.093E-31	1.185E-07	7.384E-03	1.594E-06	1.805E-09
5.400E+03	8.628E-06	4.904E-01	2.366E-06	4.959E-31	1.416E-07	5.936E-03	1.665E-06	1.782E-09
5.500E+03	1.140E-05	4.923E-01	3.202E-06	2.096E-30	1.692E-07	4.853E-03	1.720E-06	1.771E-09
5.600E+03	1.503E-05	4.938E-01	4.552E-06	8.289E-30	2.022E-07	3.992E-03	1.759E-06	1.771E-09
5.700E+03	1.978E-05	4.951E-01	5.555E-06	3.081E-29	2.417E-07	3.303E-03	1.785E-06	1.783E-09
5.800E+03	2.597E-05	4.962E-01	7.132E-06	1.079E-28	2.890E-07	2.750E-03	1.796E-06	1.805E-09
5.900E+03	3.405E-05	4.972E-01	9.023E-06	3.576E-28	3.458E-07	2.303E-03	1.795E-06	1.839E-09
6.000E+03	4.457E-05	4.983E-01	1.125E-05	1.123E-27	4.141E-07	1.941E-03	1.782E-06	1.886E-09
6.100E+03	5.827E-05	4.994E-01	1.383E-05	3.349E-27	4.965E-07	1.645E-03	1.757E-06	1.947E-09
6.200E+03	7.612E-05	5.007E-01	1.677E-05	9.509E-27	5.963E-07	1.403E-03	1.722E-06	2.024E-09
6.300E+03	9.935E-05	5.022E-01	2.010E-05	2.578E-26	7.172E-07	1.204E-03	1.679E-06	2.118E-09
6.400E+03	1.295E-04	5.041E-01	2.380E-05	6.692E-26	8.638E-07	1.039E-03	1.630E-06	2.231E-09
6.500E+03	1.685E-04	5.064E-01	2.792E-05	1.670E-25	1.041E-06	9.032E-04	1.578E-06	2.365E-09
6.600E+03	2.186E-04	5.092E-01	3.247E-05	4.019E-25	1.255E-06	7.901E-04	1.525E-06	2.520E-09
6.700E+03	2.825E-04	5.127E-01	3.752E-05	9.372E-25	1.513E-06	6.958E-04	1.475E-06	2.696E-09
6.800E+03	3.634E-04	5.169E-01	4.316E-05	2.126E-24	1.819E-06	6.170E-04	1.429E-06	2.895E-09
6.900E+03	4.645E-04	5.220E-01	4.949E-05	4.713E-24	2.180E-06	5.510E-04	1.390E-06	3.115E-09
7.000E+03	5.896E-04	5.279E-01	5.668E-05	1.024E-23	2.603E-06	4.953E-04	1.359E-06	3.355E-09
7.100E+03	7.422E-04	5.346E-01	6.490E-05	2.191E-23	3.092E-06	4.482E-04	1.336E-06	3.611E-09
7.200E+03	9.262E-04	5.422E-01	7.437E-05	4.621E-23	3.650E-06	4.080E-04	1.323E-06	3.881E-09
7.300E+03	1.145E-03	5.503E-01	8.534E-05	9.635E-23	4.279E-06	3.733E-04	1.318E-06	4.158E-09
7.400E+03	1.402E-03	5.589E-01	9.810E-05	1.989E-22	4.978E-06	3.432E-04	1.322E-06	4.436E-09
7.500E+03	1.700E-03	5.679E-01	1.129E-04	4.066E-22	5.745E-06	3.165E-04	1.334E-06	4.709E-09
7.600E+03	2.042E-03	5.768E-01	1.302E-04	8.243E-22	6.573E-06	2.927E-04	1.353E-06	4.969E-09
7.700E+03	2.431E-03	5.856E-01	1.503E-04	1.556E-21	7.458E-06	2.712E-04	1.378E-06	5.210E-09
7.800E+03	2.867E-03	5.941E-01	1.737E-04	3.299E-21	8.390E-06	2.519E-04	1.409E-06	5.425E-09
7.900E+03	3.355E-03	6.021E-01	2.007E-04	6.512E-21	9.362E-06	2.384E-04	1.444E-06	5.611E-09
8.000E+03	3.894E-03	6.094E-01	2.318E-04	1.274E-20	1.036E-05	2.166E-04	1.483E-06	5.763E-09
8.200E+03	5.139E-03	6.220E-01	3.088E-04	4.729E-20	1.243E-05	1.885E-04	1.569E-06	5.964E-09

Table II. - Continued.

P/P0 = 3.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.752E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.362E-40	7.886E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.007E-28	3.280E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	7.768E-21	7.714E-48	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	6.818E-16	1.381E-39	1.000E+00	0.	6.000E+02
1.321E-79	1.372E-80	0.	0.	2.275E-12	1.034E-33	1.000E+00	2.551E-92	7.000E+02
8.966E-66	1.021E-67	0.	0.	4.328E-10	2.163E-30	1.000E+00	1.521E-78	8.000E+02
4.051E-56	1.665E-59	0.	0.	1.080E-08	6.242E-29	1.000E+00	2.521E-69	9.000E+02
2.354E-49	1.314E-54	0.	0.	1.346E-07	7.953E-28	1.000E+00	4.947E-62	1.000E+03
5.532E-44	9.020E-51	0.	0.	1.055E-06	6.348E-27	1.000E+00	4.558E-56	1.100E+03
1.376E-39	1.242E-47	0.	1.061E-77	5.857E-06	3.585E-26	1.000E+00	4.261E-51	1.200E+03
6.348E-36	5.158E-45	0.	3.569E-69	2.492E-05	1.532E-25	1.000E+00	5.852E-47	1.300E+03
8.015E-33	8.513E-43	0.	5.851E-62	8.603E-05	5.450E-25	9.999E-01	2.764E-43	1.400E+03
3.655E-30	6.803E-41	0.	8.934E-56	2.513E-04	1.620E-24	9.996E-01	3.686E-40	1.500E+03
7.379E-28	3.036E-39	2.565E-95	2.042E-50	6.411E-04	4.202E-24	9.990E-01	2.000E-37	1.600E+03
7.682E-26	8.488E-38	1.092E-91	9.968E-46	1.462E-03	9.870E-24	9.978E-01	3.173E-33	1.700E+03
4.634E-24	1.626E-36	1.793E-88	1.349E-41	3.037E-03	4.743E-23	9.954E-01	7.214E-33	1.800E+03
1.774E-22	5.058E-35	6.571E-85	2.814E-38	5.827E-03	8.216E-22	9.913E-01	5.979E-31	1.900E+03
4.626E-21	4.672E-33	1.845E-80	6.162E-36	1.044E-02	1.326E-21	9.843E-01	3.181E-29	2.000E+03
8.708E-20	3.409E-31	2.871E-76	6.335E-34	1.764E-02	1.674E-19	9.735E-01	1.157E-27	2.100E+03
1.239E-18	1.692E-29	1.867E-72	4.090E-32	2.827E-02	1.684E-18	9.575E-01	3.027E-26	2.200E+03
1.383E-17	5.928E-28	5.544E-69	1.791E-30	4.321E-02	1.386E-17	9.350E-01	5.937E-25	2.300E+03
1.249E-16	1.532E-26	8.311E-66	5.600E-29	6.328E-02	9.565E-17	9.046E-01	9.041E-24	2.400E+03
9.375E-15	3.033E-25	6.850E-63	1.302E-27	8.906E-02	5.646E-16	8.655E-01	1.100E-22	2.500E+03
5.969E-15	4.742E-24	3.340E-60	2.330E-26	1.208E-01	2.899E-15	8.172E-01	1.096E-21	2.600E+03
3.284E-14	6.047E-23	1.024E-57	3.299E-25	1.581E-01	1.314E-14	7.600E-01	9.128E-21	2.700E+03
1.586E-13	6.405E-22	2.083E-55	3.788E-24	2.002E-01	5.324E-14	6.949E-01	6.471E-20	2.800E+03
6.813E-13	5.761E-21	2.933E-53	3.602E-23	2.457E-01	1.949E-13	6.238E-01	3.967E-19	2.900E+03
2.633E-12	4.477E-20	3.001E-51	2.886E-22	4.541E-01	6.513E-13	5.493E-01	2.133E-18	3.000E+03
9.255E-12	3.054E-19	2.289E-49	1.981E-21	3.387E-01	2.004E-12	4.743E-01	1.019E-17	3.100E+03
2.986E-11	1.855E-18	1.341E-47	1.180E-20	3.821E-01	5.724E-12	4.016E-01	4.380E-17	3.200E+03
8.918E-11	1.015E-17	6.267E-46	6.187E-20	4.210E-01	1.530E-11	3.337E-01	1.713E-16	3.300E+03
2.485E-10	5.062E-17	2.363E-44	2.885E-19	4.541E-01	3.852E-11	2.724E-01	6.161E-16	3.400E+03
6.511E-10	2.325E-16	7.385E-43	1.210E-18	4.808E-01	9.201E-11	2.188E-01	2.060E-15	3.500E+03
1.615E-09	9.931E-16	1.963E-41	4.612E-18	5.008E-01	2.098E-10	1.731E-01	6.466E-15	3.600E+03
3.815E-09	3.978E-15	4.469E-40	1.611E-17	5.148E-01	4.591E-10	1.352E-01	1.923E-14	3.700E+03
8.641E-09	1.507E-14	8.890E-39	5.199E-17	5.234E-01	9.678E-10	1.043E-01	5.465E-14	3.800E+03
1.886E-08	5.435E-14	1.562E-37	1.564E-16	5.276E-01	1.986E-09	7.980E-02	1.496E-13	3.900E+03
3.988E-08	1.878E-13	2.470E-36	4.416E-16	5.286E-01	3.557E-09	6.057E-02	3.971E-13	4.000E+03
8.201E-08	6.246E-13	3.534E-35	1.178E-15	5.273E-01	7.692E-09	4.573E-02	1.027E-12	4.100E+03
1.647E-07	2.007E-12	4.610E-34	2.991E-15	5.246E-01	1.462E-08	3.442E-02	2.599E-12	4.200E+03
3.236E-07	6.233E-12	5.503E-33	7.263E-15	5.214E-01	2.716E-08	2.589E-02	6.447E-12	4.300E+03
6.234E-07	1.880E-11	6.029E-32	1.697E-14	5.180E-01	4.934E-08	1.949E-02	1.569E-11	4.400E+03
1.179E-06	5.478E-11	6.060E-31	3.836E-14	5.149E-01	8.750E-08	1.473E-02	3.745E-11	4.500E+03
2.190E-06	1.541E-10	5.580E-30	8.425E-14	5.121E-01	1.312E-07	1.113E-02	8.758E-11	4.600E+03
3.994E-06	4.175E-10	4.693E-29	1.806E-13	5.098E-01	2.543E-07	8.533E-03	2.005E-10	4.700E+03
7.154E-06	1.087E-09	3.597E-28	3.795E-13	5.078E-01	4.156E-07	6.559E-03	4.486E-10	4.800E+03
1.258E-05	2.714E-09	2.509E-27	7.836E-13	5.063E-01	6.598E-07	5.080E-03	9.807E-10	4.900E+03
2.173E-05	6.497E-09	1.593E-26	1.594E-12	5.050E-01	1.018E-06	3.954E-03	2.094E-09	5.000E+03
3.687E-05	1.491E-08	9.226E-26	3.198E-12	5.040E-01	1.527E-06	3.118E-03	4.365E-09	5.100E+03
6.144E-05	3.287E-08	4.894E-25	6.330E-12	5.031E-01	2.233E-06	2.472E-03	8.888E-09	5.200E+03
1.007E-04	6.970E-08	2.390E-24	1.236E-11	5.024E-01	3.190E-06	1.974E-03	1.768E-08	5.300E+03
1.621E-04	1.425E-07	1.080E-23	2.381E-11	5.018E-01	4.459E-06	1.589E-03	3.437E-08	5.400E+03
2.570E-04	2.818E-07	4.542E-23	4.521E-11	5.012E-01	6.111E-06	1.288E-03	6.534E-08	5.500E+03
4.009E-04	5.398E-07	1.787E-22	8.460E-11	5.005E-01	8.222E-06	1.051E-03	1.216E-07	5.600E+03
6.161E-04	1.004E-06	6.605E-22	1.560E-10	4.998E-01	1.087E-05	8.640E-04	2.214E-07	5.700E+03
9.329E-04	1.814E-06	2.301E-21	2.836E-10	4.989E-01	1.415E-05	7.143E-04	3.951E-07	5.800E+03
1.393E-03	3.192E-06	7.575E-21	5.083E-10	4.977E-01	1.811E-05	5.940E-04	6.908E-07	5.900E+03
2.051E-03	5.471E-06	2.363E-20	8.991E-10	4.962E-01	2.281E-05	4.967E-04	1.184E-06	6.000E+03
2.979E-03	9.139E-06	6.992E-20	1.570E-09	4.941E-01	2.830E-05	4.173E-04	1.988E-06	6.100E+03
4.259E-03	1.489E-05	1.956E-19	2.707E-09	4.914E-01	3.457E-05	3.522E-04	3.271E-06	6.200E+03
6.038E-03	2.366E-05	5.265E-19	4.612E-09	4.877E-01	4.159E-05	2.984E-04	5.272E-06	6.300E+03
8.425E-03	3.671E-05	1.344E-18	7.757E-09	4.828E-01	4.930E-05	2.537E-04	8.316E-06	6.400E+03
1.160E-02	5.564E-05	3.278E-18	1.288E-08	4.764E-01	5.762E-05	2.162E-04	1.282E-05	6.500E+03
1.574E-02	8.243E-05	7.659E-18	2.108E-08	4.683E-01	6.443E-05	1.845E-04	1.930E-05	6.600E+03
2.105E-02	1.195E-04	1.719E-17	3.396E-08	4.581E-01	7.561E-05	1.576E-04	2.833E-05	6.700E+03
2.772E-02	1.695E-04	3.714E-17	5.377E-08	4.456E-01	8.503E-05	1.347E-04	4.046E-05	6.800E+03
3.594E-02	2.357E-04	7.752E-17	8.351E-08	4.305E-01	9.454E-05	1.149E-04	5.617E-05	6.900E+03
4.583E-02	3.214E-04	1.567E-16	1.270E-07	4.128E-01	1.040E-04	9.780E-05	7.567E-05	7.000E+03
5.744E-02	4.303E-04	3.079E-16	1.887E-07	3.925E-01	1.132E-04	8.298E-05	9.884E-05	7.100E+03
7.074E-02	5.661E-04	5.890E-16	2.736E-07	3.698E-01	1.221E-04	7.010E-05	1.251E-04	7.200E+03
8.559E-02	7.325E-04	1.100E-15	3.869E-07	3.451E-01	1.304E-04	5.891E-05	1.534E-04	7.300E+03
1.017E-01	9.328E-04	2.009E-15	5.331E-07	3.188E-01	1.380E-04	4.920E-05	1.824E-04	7.400E+03
1.189E-01	1.170E-03	3.595E-15	7.160E-07	2.916E-01	1.448E-04	4.083E-05	2.105E-04	7.500E+03
1.356E-01	1.448E-03	6.313E-15	9.376E-07	2.641E-01	1.507E-04	3.364E-05	2.361E-04	7.600E+03
1.544E-01	1.768E-03	1.090E-14	1.198E-06	2.370E-01	1.555E-04	2.752E-05	2.578E-04	7.700E+03
1.719E-01	2.132E-03	1.850E-14	1.496E-06	2.107E-01	1.593E-04	2.235E-05	2.746E-04	7.800E+03
1.889E-01	2.543E-03	3.094E-14	1.828E-06	1.859E-01	1.620E-04	1.804E-05	2.659E-04	7.900E+03
2.348E-01	3.002E-03	5.100E-14	2.190E-06	1.627E-01	1.637E-04	1.447E-05	2.918E-04	8.000E+03
2.195E-01	5.510E-03	8.294E-14	2.575E-06	1.224E-01	1.642E-04	9.171E-06	2.887E-04	8.200E+03
2.448E-01	4.680E-03	2.112E-13	3.393E-06					

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	6.618E-03	6.316E-01	4.092E-04	1.684E-19	1.452E-05	1.683E-04	1.663E-04	6.035E-09
8.600E+03	8.352E-03	6.384E-01	5.385E-04	5.746E-19	1.662E-05	1.378E-04	1.761E-04	5.997E-09
8.800E+03	1.036E-02	6.429E-01	7.031E-04	1.876E-18	1.870E-05	1.184E-04	1.863E-04	5.877E-09
9.000E+03	1.268E-02	6.456E-01	9.101E-04	5.864E-18	2.075E-05	1.019E-04	1.968E-04	5.701E-09
9.200E+03	1.533E-02	6.467E-01	1.168E-03	1.756E-17	2.277E-05	8.784E-05	2.074E-04	5.688E-09
9.400E+03	1.834E-02	6.467E-01	1.486E-03	5.043E-17	2.475E-05	7.584E-05	2.181E-04	5.253E-09
9.600E+03	2.174E-02	6.457E-01	1.875E-03	1.393E-16	2.668E-05	6.585E-05	2.289E-04	5.007E-09
9.800E+03	2.555E-02	6.438E-01	2.347E-03	3.705E-16	2.857E-05	5.728E-05	2.399E-04	4.756E-09
1.000E+04	2.980E-02	6.413E-01	2.914E-03	9.507E-16	3.039E-05	4.987E-05	2.508E-04	4.505E-09
1.020E+04	3.451E-02	6.381E-01	3.592E-03	2.358E-15	3.215E-05	4.372E-05	2.618E-04	4.256E-09
1.040E+04	3.969E-02	6.343E-01	4.397E-03	5.662E-15	3.382E-05	3.835E-05	2.729E-04	4.012E-09
1.060E+04	4.537E-02	6.299E-01	5.347E-03	1.319E-14	3.539E-05	3.372E-05	2.838E-04	3.773E-09
1.080E+04	5.155E-02	6.249E-01	6.461E-03	2.986E-14	3.686E-05	2.982E-05	2.947E-04	3.540E-09
1.100E+04	5.824E-02	6.194E-01	7.760E-03	6.578E-14	3.820E-05	2.624E-05	3.055E-04	3.313E-09
1.120E+04	6.543E-02	6.132E-01	9.266E-03	1.413E-13	3.941E-05	2.320E-05	3.161E-04	3.093E-09
1.140E+04	7.313E-02	6.065E-01	1.100E-02	2.960E-13	4.046E-05	2.034E-05	3.264E-04	2.879E-09
1.160E+04	8.132E-02	5.991E-01	1.300E-02	6.061E-13	4.136E-05	1.821E-05	3.364E-04	2.673E-09
1.180E+04	8.999E-02	5.911E-01	1.528E-02	1.214E-12	4.209E-05	1.615E-05	3.461E-04	2.475E-09
1.200E+04	9.912E-02	5.825E-01	1.787E-02	2.382E-12	4.265E-05	1.433E-05	3.552E-04	2.284E-09
1.220E+04	1.087E-01	5.732E-01	2.081E-02	4.581E-12	4.303E-05	1.272E-05	3.637E-04	2.101E-09
1.240E+04	1.187E-01	5.633E-01	2.411E-02	8.644E-12	4.322E-05	1.129E-05	3.715E-04	1.926E-09
1.260E+04	1.290E-01	5.527E-01	2.781E-02	1.601E-11	4.323E-05	1.081E-05	3.786E-04	1.759E-09
1.280E+04	1.397E-01	5.414E-01	3.193E-02	2.916E-11	4.305E-05	8.877E-06	3.846E-04	1.601E-09
1.300E+04	1.508E-01	5.295E-01	3.650E-02	5.220E-11	4.270E-05	7.860E-06	3.896E-04	1.451E-09
1.320E+04	1.621E-01	5.170E-01	4.155E-02	9.193E-11	4.217E-05	6.950E-06	3.934E-04	1.310E-09
1.340E+04	1.736E-01	5.038E-01	4.708E-02	1.594E-10	4.148E-05	6.136E-06	3.959E-04	1.178E-09
1.360E+04	1.854E-01	4.899E-01	5.311E-02	2.721E-10	4.062E-05	5.486E-06	3.968E-04	1.054E-09
1.380E+04	1.973E-01	4.754E-01	5.965E-02	4.578E-10	3.962E-05	4.752E-06	3.962E-04	9.388E-10
1.400E+04	2.094E-01	4.603E-01	6.670E-02	7.590E-10	3.848E-05	4.186E-06	3.939E-04	8.322E-10
1.420E+04	2.215E-01	4.447E-01	7.423E-02	1.241E-09	3.721E-05	3.642E-06	3.899E-04	7.339E-10
1.440E+04	2.337E-01	4.285E-01	8.225E-02	2.001E-09	3.584E-05	3.173E-06	3.841E-04	6.439E-10
1.460E+04	2.460E-01	4.119E-01	9.071E-02	3.183E-09	3.437E-05	2.755E-06	3.764E-04	5.618E-10
1.480E+04	2.582E-01	3.949E-01	9.958E-02	5.000E-09	3.282E-05	2.383E-06	3.670E-04	4.875E-10
1.500E+04	2.704E-01	3.775E-01	1.088E-01	7.751E-09	3.120E-05	2.053E-06	3.559E-04	4.205E-10
1.520E+04	2.825E-01	3.599E-01	1.184E-01	1.187E-08	2.953E-05	1.762E-06	3.432E-04	3.606E-10
1.540E+04	2.945E-01	3.422E-01	1.282E-01	1.797E-08	2.784E-05	1.505E-06	3.292E-04	3.074E-10
1.560E+04	3.062E-01	3.243E-01	1.381E-01	2.688E-08	2.612E-05	1.280E-06	3.139E-04	2.604E-10
1.580E+04	3.178E-01	3.065E-01	1.487E-01	3.975E-08	2.441E-05	1.083E-06	2.976E-04	2.192E-10
1.600E+04	3.290E-01	2.889E-01	1.584E-01	5.815E-08	2.271E-05	9.126E-07	2.805E-04	1.834E-10
1.620E+04	3.400E-01	2.715E-01	1.685E-01	8.418E-08	2.103E-05	7.654E-07	2.629E-04	1.525E-10
1.640E+04	3.506E-01	2.544E-01	1.785E-01	1.206E-07	1.941E-05	6.390E-07	2.451E-04	1.260E-10
1.660E+04	3.609E-01	2.377E-01	1.882E-01	1.711E-07	1.783E-05	5.310E-07	2.272E-04	1.036E-10
1.680E+04	3.707E-01	2.216E-01	1.980E-01	2.405E-07	1.632E-05	4.384E-07	2.096E-04	8.460E-11
1.700E+04	3.801E-01	2.060E-01	2.073E-01	3.350E-07	1.488E-05	3.621E-07	1.923E-04	6.873E-11
1.720E+04	3.890E-01	1.910E-01	2.163E-01	4.625E-07	1.351E-05	2.973E-07	1.757E-04	5.555E-11
1.740E+04	3.975E-01	1.768E-01	2.249E-01	6.331E-07	1.224E-05	2.431E-07	1.597E-04	4.468E-11
1.760E+04	4.055E-01	1.632E-01	2.331E-01	8.598E-07	1.104E-05	1.982E-07	1.446E-04	3.578E-11
1.780E+04	4.130E-01	1.504E-01	2.409E-01	1.159E-06	9.937E-06	1.611E-07	1.305E-04	2.853E-11
1.800E+04	4.200E-01	1.384E-01	2.482E-01	1.549E-06	8.919E-06	1.306E-07	1.173E-04	2.267E-11
1.820E+04	4.265E-01	1.272E-01	2.551E-01	2.058E-06	7.985E-06	1.056E-07	1.051E-04	1.795E-11
1.840E+04	4.326E-01	1.167E-01	2.616E-01	2.714E-06	7.135E-06	8.525E-08	9.392E-07	1.417E-11
1.860E+04	4.382E-01	1.070E-01	2.675E-01	3.556E-06	6.363E-06	6.870E-08	8.372E-07	1.117E-11
1.880E+04	4.434E-01	9.793E-02	2.731E-01	4.630E-06	5.665E-06	5.530E-08	7.446E-07	8.780E-12
1.900E+04	4.482E-01	8.961E-02	2.782E-01	5.991E-06	5.037E-06	4.448E-08	6.611E-07	6.893E-12
1.920E+04	4.527E-01	8.195E-02	2.829E-01	7.708E-06	4.474E-06	3.576E-08	5.861E-07	5.406E-12
1.940E+04	4.567E-01	7.492E-02	2.873E-01	9.862E-06	3.971E-06	2.874E-08	5.190E-07	4.237E-12
1.960E+04	4.604E-01	6.848E-02	2.912E-01	1.255E-05	3.522E-06	2.310E-08	4.591E-07	3.319E-12
1.980E+04	4.638E-01	6.258E-02	2.948E-01	1.599E-05	3.122E-06	1.857E-08	4.059E-07	2.600E-12
2.000E+04	4.670E-01	5.720E-02	2.981E-01	2.001E-05	2.767E-06	1.494E-08	3.587E-07	2.038E-12
2.020E+04	4.698E-01	5.230E-02	3.011E-01	2.509E-05	2.453E-06	1.203E-08	3.177E-07	1.598E-12
2.040E+04	4.727E-01	4.782E-02	3.039E-01	3.131E-05	2.174E-06	9.702E-09	2.799E-07	1.254E-12
2.060E+04	4.748E-01	4.375E-02	3.063E-01	3.889E-05	1.921E-06	7.831E-09	2.473E-07	9.854E-13
2.080E+04	4.770E-01	4.005E-02	3.085E-01	4.811E-05	1.710E-06	6.390E-09	2.186E-07	7.753E-13
2.100E+04	4.791E-01	3.668E-02	3.106E-01	5.925E-05	1.517E-06	5.124E-09	1.933E-07	6.108E-13
2.120E+04	4.809E-01	3.362E-02	3.124E-01	7.269E-05	1.348E-06	4.185E-09	1.710E-07	4.820E-13
2.140E+04	4.826E-01	3.083E-02	3.140E-01	8.882E-05	1.197E-06	3.375E-09	1.514E-07	3.821E-13
2.160E+04	4.842E-01	2.830E-02	3.154E-01	1.081E-04	1.065E-06	2.747E-09	1.341E-07	3.018E-13
2.180E+04	4.857E-01	2.600E-02	3.167E-01	1.311E-04	9.478E-07	2.240E-09	1.189E-07	2.396E-13
2.200E+04	4.871E-01	2.390E-02	3.179E-01	1.584E-04	8.444E-07	1.830E-09	1.055E-07	1.905E-13
2.220E+04	4.884E-01	2.199E-02	3.189E-01	1.908E-04	7.530E-07	1.499E-09	9.367E-08	1.518E-13
2.240E+04	4.897E-01	2.026E-02	3.197E-01	2.290E-04	6.722E-07	1.229E-09	8.327E-08	1.213E-13
2.260E+04	4.909E-01	1.867E-02	3.205E-01	2.739E-04	6.006E-07	1.011E-09	7.410E-08	9.710E-14
2.280E+04	4.920E-01	1.723E-02	3.211E-01	3.265E-04	5.373E-07	8.328E-10	6.600E-08	7.792E-14
2.300E+04	4.931E-01	1.592E-02	3.216E-01	3.880E-04	4.811E-07	6.876E-10	5.885E-08	6.267E-14
2.320E+04	4.942E-01	1.471E-02	3.220E-01	4.596E-04	4.313E-07	5.689E-10	5.252E-08	5.052E-14
2.340E+04	4.952E-01	1.362E-02	3.224E-01	5.429E-04	3.871E-07	4.717E-10	4.693E-08	4.082E-14
2.360E+04	4.963E-01	1.261E-02	3.226E-01	6.393E-04	3.479E-07	3.919E-10	4.197E-08	3.306E-14
2.380E+04	4.973E-01	1.169E-02	3.227E-01	7.506E-04	3.129E-07	3.263E-10	3.757E-08	2.604E-14
2.400E+04	4.984E-01	1.085E-02	3.227E-01	8.787E-04	2.818E-07	2.722E-10	3.367E-08	2.183E-14
2.420E+04	4.994E-01	1.008E-02	3.226E-01	1.026E-03	2.541E-07	2.274E-10	3.020E-08	1.781E-14
2.440E+04	5.005E-01	9.372E-03	3.224E-01	1.194E-03	2.294E-07	1.906E-10	2.711E-08	1.455E-14
2.460E+04	5.017E-01	8.721E-03	3.221E-01	1.387E-03	2.073E-07	1.600E-10	2.436E-08	1.192E-14
2.480E+04	5.028E-01	8.123E-03	3.217E-01	1.605E-03	1.875E-07	1.345E-10	2.191E-08	9.787E-15
2.500E+04	5.040E-01	7.572E-03	3.212E-01	1.854E-03	1.698E-07	1.133E-10	1.972E-08	8.052E-15

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.643E-01	6.064E-03	5.131E-13	4.240E-06	9.045E-02	1.617E-04	5.730E-06	2.705E-04	8.400E+03
2.783E-01	7.677E-03	1.194E-12	5.083E-06	6.609E-02	1.570E-04	3.554E-06	2.437E-04	8.600E+03
2.879E-01	9.533E-03	2.674E-12	5.902E-06	4.805E-02	1.510E-04	2.202E-06	2.136E-04	8.800E+03
2.928E-01	1.165E-02	5.712E-12	6.688E-06	3.490E-02	1.442E-04	1.70E-06	1.838E-04	9.200E+03
2.969E-01	1.405E-02	1.205E-11	7.434E-06	2.542E-02	1.370E-04	8.575E-07	1.563E-04	9.200E+03
2.978E-01	1.675E-02	2.438E-11	8.139E-06	1.860E-02	1.299E-04	5.418E-07	1.319E-04	9.400E+03
2.969E-01	1.977E-02	4.790E-11	8.800E-06	1.368E-02	1.229E-04	3.437E-07	1.108E-04	9.600E+03
2.947E-01	2.312E-02	9.157E-11	9.413E-06	1.013E-02	1.161E-04	2.229E-07	1.30E-05	9.800E+03
2.914E-01	2.681E-02	1.706E-10	9.975E-06	7.550E-03	1.096E-04	1.453E-07	1.759E-05	1.000E+04
2.870E-01	3.083E-02	3.102E-10	1.048E-05	5.662E-03	1.034E-04	9.562E-08	6.479E-05	1.020E+04
2.819E-01	3.524E-02	5.514E-10	1.093E-05	4.272E-03	9.749E-05	6.354E-08	5.405E-05	1.040E+04
2.759E-01	3.998E-02	9.590E-10	1.131E-05	3.241E-03	9.186E-05	4.260E-08	4.504E-05	1.060E+04
2.693E-01	4.505E-02	1.634E-09	1.162E-05	2.472E-03	8.649E-05	2.879E-08	3.748E-05	1.080E+04
2.621E-01	5.044E-02	2.732E-09	1.185E-05	1.895E-03	8.133E-05	1.961E-08	3.115E-05	1.100E+04
2.543E-01	5.514E-02	4.482E-09	1.201E-05	1.459E-03	7.643E-05	1.344E-08	2.584E-05	1.120E+04
2.460E-01	6.210E-02	7.226E-09	1.209E-05	1.127E-03	7.171E-05	9.268E-09	2.140E-05	1.140E+04
2.373E-01	6.830E-02	1.146E-08	1.209E-05	8.737E-04	6.719E-05	6.425E-09	1.767E-05	1.160E+04
2.281E-01	7.470E-02	1.788E-08	1.202E-05	6.793E-04	6.283E-05	4.473E-09	1.456E-05	1.180E+04
2.186E-01	8.124E-02	2.747E-08	1.186E-05	5.394E-04	5.865E-05	3.127E-09	1.196E-05	1.200E+04
2.089E-01	8.788E-02	4.160E-08	1.164E-05	4.134E-04	5.463E-05	2.192E-09	9.795E-06	1.220E+04
1.990E-01	9.436E-02	6.211E-08	1.134E-05	3.234E-04	5.077E-05	1.541E-09	7.995E-06	1.240E+04
1.889E-01	1.012E-01	9.150E-08	1.099E-05	2.533E-04	4.706E-05	1.085E-09	6.502E-06	1.260E+04
1.788E-01	1.078E-01	1.331E-07	1.059E-05	1.985E-04	4.350E-05	7.656E-10	5.270E-06	1.280E+04
1.687E-01	1.143E-01	1.911E-07	1.014E-05	1.557E-04	4.010E-05	5.405E-10	4.255E-06	1.300E+04
1.587E-01	1.205E-01	2.712E-07	9.654E-06	1.222E-04	3.686E-05	3.818E-10	3.423E-06	1.320E+04
1.488E-01	1.265E-01	3.805E-07	9.144E-06	9.592E-05	3.377E-05	2.697E-10	2.744E-06	1.340E+04
1.392E-01	1.323E-01	5.279E-07	8.615E-06	7.528E-05	3.084E-05	1.904E-10	2.192E-06	1.360E+04
1.299E-01	1.377E-01	7.247E-07	8.077E-06	5.906E-05	2.807E-05	1.343E-10	1.745E-06	1.380E+04
1.208E-01	1.427E-01	9.849E-07	7.537E-06	4.632E-05	2.547E-05	9.464E-11	1.385E-06	1.400E+04
1.121E-01	1.473E-01	1.325E-06	7.001E-06	3.631E-05	2.302E-05	6.659E-11	1.096E-06	1.420E+04
1.039E-01	1.515E-01	1.767E-06	6.476E-06	2.844E-05	2.074E-05	4.676E-11	8.647E-07	1.440E+04
9.599E-02	1.553E-01	2.336E-06	5.967E-06	2.226E-05	1.862E-05	3.277E-11	6.805E-07	1.460E+04
8.855E-02	1.587E-01	3.062E-06	5.477E-06	1.740E-05	1.666E-05	2.291E-11	5.343E-07	1.480E+04
8.155E-02	1.616E-01	3.781E-06	5.010E-06	1.360E-05	1.485E-05	1.598E-11	4.187E-07	1.500E+04
7.499E-02	1.642E-01	5.137E-06	4.567E-06	1.061E-05	1.320E-05	1.112E-11	3.275E-07	1.520E+04
6.886E-02	1.663E-01	6.583E-06	4.151E-06	8.274E-06	1.169E-05	7.710E-12	2.558E-07	1.540E+04
6.316E-02	1.681E-01	8.380E-06	3.762E-06	6.445E-06	1.032E-05	5.332E-12	1.996E-07	1.560E+04
5.788E-02	1.695E-01	1.062E-05	3.401E-06	5.015E-06	9.079E-06	3.677E-12	1.556E-07	1.580E+04
5.299E-02	1.706E-01	1.333E-05	3.066E-06	3.899E-06	7.967E-06	2.528E-12	1.212E-07	1.600E+04
4.848E-02	1.715E-01	1.668E-05	2.759E-06	3.029E-06	6.971E-06	1.733E-12	9.439E-08	1.620E+04
4.434E-02	1.721E-01	2.076E-05	2.476E-06	2.351E-06	6.085E-06	1.185E-12	7.350E-08	1.640E+04
4.053E-02	1.725E-01	2.571E-05	2.219E-06	1.824E-06	5.299E-06	8.084E-13	5.724E-08	1.660E+04
3.705E-02	1.727E-01	3.171E-05	1.985E-06	1.414E-06	4.604E-06	5.501E-13	4.460E-08	1.680E+04
3.387E-02	1.727E-01	3.895E-05	1.773E-06	1.096E-06	3.993E-06	3.735E-13	3.477E-08	1.700E+04
3.096E-02	1.727E-01	4.756E-05	1.582E-06	8.498E-07	3.457E-06	2.532E-13	2.714E-08	1.720E+04
2.831E-02	1.725E-01	5.811E-05	1.410E-06	6.587E-07	2.989E-06	1.714E-13	2.120E-08	1.740E+04
2.590E-02	1.722E-01	7.061E-05	1.255E-06	5.108E-07	2.581E-06	1.159E-13	1.659E-08	1.760E+04
2.370E-02	1.719E-01	8.552E-05	1.116E-06	3.963E-07	2.226E-06	7.828E-14	1.300E-08	1.780E+04
2.171E-02	1.713E-01	1.033E-04	9.926E-07	3.076E-07	1.919E-06	5.288E-14	1.021E-08	1.800E+04
1.989E-02	1.711E-01	1.243E-04	8.822E-07	2.391E-07	1.654E-06	3.572E-14	8.029E-09	1.820E+04
1.825E-02	1.707E-01	1.493E-04	7.839E-07	1.860E-07	1.425E-06	2.414E-14	6.349E-09	1.840E+04
1.675E-02	1.703E-01	1.787E-04	6.965E-07	1.449E-07	1.227E-06	1.633E-14	5.000E-09	1.860E+04
1.540E-02	1.699E-01	2.135E-04	6.189E-07	1.131E-07	1.037E-06	1.106E-14	3.939E-09	1.880E+04
1.416E-02	1.695E-01	2.543E-04	5.500E-07	8.836E-08	9.110E-07	7.501E-15	3.143E-09	1.900E+04
1.304E-02	1.691E-01	3.021E-04	4.890E-07	6.920E-08	7.854E-07	5.098E-15	2.501E-09	1.920E+04
1.202E-02	1.687E-01	3.581E-04	4.349E-07	5.420E-08	6.776E-07	3.472E-15	1.945E-09	1.940E+04
1.110E-02	1.683E-01	4.234E-04	3.870E-07	4.270E-08	5.850E-07	2.371E-15	1.596E-09	1.960E+04
1.025E-02	1.680E-01	4.994E-04	3.446E-07	3.366E-08	5.054E-07	1.624E-15	1.280E-09	1.980E+04
9.486E-03	1.676E-01	5.876E-04	3.070E-07	2.659E-08	4.372E-07	1.115E-15	1.029E-09	2.000E+04
8.785E-03	1.673E-01	6.898E-04	2.733E-07	2.106E-08	3.785E-07	7.682E-16	8.292E-10	2.020E+04
8.146E-03	1.669E-01	8.077E-04	2.443E-07	1.672E-08	3.281E-07	5.311E-16	6.701E-10	2.040E+04
7.562E-03	1.666E-01	9.446E-04	2.182E-07	1.331E-08	2.847E-07	3.684E-16	5.428E-10	2.060E+04
7.027E-03	1.662E-01	1.100E-03	1.950E-07	1.062E-08	2.473E-07	2.565E-16	4.409E-10	2.080E+04
6.538E-03	1.658E-01	1.278E-03	1.745E-07	8.500E-09	2.151E-07	1.792E-16	3.589E-10	2.100E+04
6.089E-03	1.653E-01	1.483E-03	1.562E-07	6.819E-09	1.874E-07	1.257E-16	2.929E-10	2.120E+04
5.677E-03	1.651E-01	1.716E-03	1.400E-07	5.485E-09	1.634E-07	8.849E-17	2.396E-10	2.140E+04
5.298E-03	1.646E-01	1.981E-03	1.256E-07	4.424E-09	1.427E-07	6.254E-17	1.964E-10	2.160E+04
4.949E-03	1.642E-01	2.281E-03	1.128E-07	3.577E-09	1.247E-07	4.437E-17	1.613E-10	2.180E+04
4.627E-03	1.637E-01	2.621E-03	1.013E-07	2.899E-09	1.092E-07	3.160E-17	1.328E-10	2.200E+04
4.330E-03	1.632E-01	3.004E-03	9.113E-08	2.356E-09	9.565E-08	2.259E-17	1.095E-10	2.220E+04
4.056E-03	1.626E-01	3.434E-03	8.203E-08	1.919E-09	8.391E-08	1.621E-17	9.051E-11	2.240E+04
3.802E-03	1.620E-01	3.917E-03	7.389E-08	1.567E-09	7.369E-08	1.167E-17	7.492E-11	2.260E+04
3.556E-03	1.613E-01	4.437E-03	6.662E-08	1.282E-09	6.479E-08	8.439E-18	6.212E-11	2.280E+04
3.347E-03	1.606E-01	5.058E-03	6.010E-08	1.051E-09	5.702E-08	6.122E-18	5.159E-11	2.300E+04
3.143E-03	1.597E-01	5.727E-03	5.426E-08	8.642E-10	5.022E-08	4.457E-18	4.290E-11	2.320E+04
2.944E-03	1.588E-01	6.468E-03	4.902E-08	7.117E-10	4.428E-08	3.255E-18	3.572E-11	2.340E+04
2.777E-03	1.578E-01	7.287E-03	4.431E-08	5.873E-10	3.907E-08	2.388E-18	2.977E-11	2.360E+04
2.612E-03	1.568E-01	8.188E-03	4.008E-08	4.856E-10	3.449E-08	1.754E-18	2.484E-11	2.380E+04
2.457E-03	1.556E-01	9.177E-03	3.627E-08	4.022E-10	3.048E-08	1.294E-18	2.075E-11	2.400E+04
2.312E-03	1.543E-01	1.026E-02	3.284E-08	3.337E-10	2.694E-08	9.572E-19	1.734E-11	2.420E+04
2.176E-03	1.529E-01	1.144E-02	2.974E-08	2.773E-10	2.383E-08	7.101E-19	1.450E-11	2.440E+04
2.049E-03	1.513E-01	1.272E-02	2.694E-08	2.308E-10	2.108E-08	5.283E-19	1.213E-11	2.460E+04
1.929E-03	1.497E-01	1.411E-02	2.442E-08	1.923E-10	1.866E-08	3.940E-19	1.015E-11	2.480E+04
1.816E-03	1.479E-01	1.560E-02	2.213E-08	1.605E-10	1.652E-08	2.946E-19	8.499E-12	2.500E+04

Table II. - Continued.

P/P0 = 4.00E+00

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.583E-11	1.750E-18	0.
2.000E+02	0.	3.802E-68	0.	0.	0.	5.160E-11	1.760E-18	0.
3.000E+02	0.	1.783E-46	1.572E-50	0.	0.	5.623E-11	1.760E-18	0.
4.000E+02	0.	1.102E-35	4.288E-63	0.	0.	4.753E-11	1.760E-18	0.
5.000E+02	0.	4.228E-29	1.166E-52	0.	0.	5.252E-11	1.760E-18	0.
6.000E+02	2.803E-94	9.586E-25	1.140E-45	0.	0.	5.035E-11	1.760E-18	0.
7.000E+02	1.163E-79	1.264E-21	1.134E-40	0.	1.866E-90	4.950E-11	1.750E-18	6.819E-63
8.000E+02	5.524E-68	6.219E-19	2.805E-37	0.	1.477E-77	2.420E-10	1.760E-18	1.451E-74
9.000E+02	4.108E-58	1.896E-16	5.309E-35	0.	2.323E-66	4.953E-09	1.760E-18	3.330E-61
1.000E+03	3.676E-50	1.945E-14	3.296E-33	0.	2.453E-57	6.120E-08	1.760E-18	7.892E-53
1.100E+03	3.206E-43	6.637E-13	9.697E-32	0.	5.950E-50	4.705E-07	1.760E-18	5.632E-46
1.200E+03	3.301E-38	2.042E-11	1.631E-30	0.	8.486E-44	2.681E-06	1.760E-18	2.885E-40
1.300E+03	1.332E-33	2.972E-10	1.784E-29	0.	7.361E-38	1.132E-05	1.760E-18	1.948E-35
1.400E+03	1.198E-29	2.953E-09	1.391E-28	0.	3.956E-34	3.908E-05	1.760E-18	2.675E-31
1.500E+03	3.229E-26	2.162E-08	8.271E-28	0.	2.910E-30	1.142E-04	1.760E-18	1.028E-27
1.600E+03	3.269E-23	1.234E-07	3.945E-27	0.	7.021E-27	2.912E-04	1.760E-18	1.402E-24
1.700E+03	1.464E-20	5.742E-07	1.582E-26	0.	6.704E-24	6.641E-04	1.775E-18	8.082E-22
1.800E+03	1.682E-18	2.252E-06	1.085E-25	0.	1.498E-21	1.379E-03	3.557E-18	1.151E-19
1.900E+03	2.604E-17	7.643E-06	2.754E-24	0.	4.17E-20	2.644E-03	2.998E-17	2.137E-18
2.000E+03	2.383E-16	2.294E-05	6.546E-23	0.	6.422E-19	4.737E-03	2.635E-16	2.281E-17
2.100E+03	1.729E-15	6.190E-05	1.180E-21	2.817E-89	7.407E-18	7.903E-03	1.926E-15	1.883E-16
2.200E+03	1.045E-14	1.523E-04	1.646E-20	4.736E-85	6.771E-17	1.280E-02	1.178E-14	1.266E-15
2.300E+03	5.391E-14	3.456E-04	1.832E-19	3.736E-81	5.058E-16	1.953E-02	6.153E-14	7.120E-15
2.400E+03	2.422E-13	7.295E-04	1.673E-18	1.356E-77	3.163E-15	2.854E-02	2.794E-13	3.417E-14
2.500E+03	9.619E-13	1.444E-03	1.282E-17	2.577E-74	1.688E-14	4.006E-02	1.120E-12	1.422E-13
2.600E+03	3.423E-12	2.696E-03	8.421E-17	2.755E-71	7.818E-14	5.413E-02	4.019E-12	5.197E-13
2.700E+03	1.104E-11	4.773E-03	4.817E-16	1.787E-68	3.184E-13	7.053E-02	1.303E-11	1.688E-12
2.800E+03	3.255E-11	8.050E-03	2.435E-15	7.352E-56	1.153E-12	8.875E-02	3.858E-11	4.917E-12
2.900E+03	8.852E-11	1.298E-02	1.102E-14	2.012E-63	3.752E-12	1.080E-01	1.050E-10	1.294E-11
3.000E+03	2.235E-10	2.008E-02	4.511E-14	3.848E-61	1.106E-11	1.271E-01	2.650E-10	3.098E-11
3.100E+03	5.272E-10	2.989E-02	1.687E-13	5.293E-59	2.976E-11	1.449E-01	6.129E-10	6.787E-11
3.200E+03	1.168E-09	4.291E-02	5.813E-13	5.416E-57	7.355E-11	1.602E-01	1.773E-09	1.368E-10
3.300E+03	2.441E-09	5.954E-02	1.859E-12	4.239E-55	1.680E-10	1.719E-01	2.849E-09	2.548E-10
3.400E+03	4.835E-09	8.006E-02	5.552E-12	2.601E-53	3.565E-10	1.702E-01	5.594E-09	4.407E-10
3.500E+03	9.109E-09	1.045E-01	1.558E-11	1.277E-51	7.130E-10	1.815E-01	1.043E-08	7.106E-10
3.600E+03	1.638E-08	1.326E-01	4.130E-11	5.130E-50	1.310E-09	1.789E-01	1.854E-08	1.072E-09
3.700E+03	2.819E-08	1.638E-01	1.039E-10	1.709E-48	2.289E-09	1.718E-01	3.150E-08	1.517E-09
3.800E+03	4.659E-08	1.974E-01	2.489E-10	4.805E-47	3.775E-09	1.607E-01	5.132E-08	2.022E-09
3.900E+03	7.411E-08	2.324E-01	5.699E-10	1.154E-45	5.899E-09	1.466E-01	8.032E-08	2.546E-09
4.000E+03	1.138E-07	2.674E-01	1.251E-09	2.189E-44	8.768E-09	1.305E-01	1.211E-07	3.038E-09
4.100E+03	1.693E-07	3.011E-01	2.641E-09	4.333E-43	1.244E-08	1.137	1.762E-07	3.449E-09
4.200E+03	2.445E-07	3.351E-01	5.368E-09	6.902E-42	1.693E-08	7.674	2.478E-07	3.744E-09
4.300E+03	3.442E-07	3.619E-01	1.053E-08	9.732E-41	2.220E-08		3.376E-07	3.908E-09
4.400E+03	4.742E-07	3.871E-01	1.994E-08	1.271E-39	2.821E-08	6.668E-02	4.464E-07	3.949E-09
4.500E+03	6.419E-07	4.086E-01	3.650E-08	1.367E-38	3.494E-08	5.459E-02	5.716E-07	3.880E-09
4.600E+03	8.575E-07	4.266E-01	6.459E-08	1.369E-37	4.245E-08	4.411E-02	7.170E-07	3.761E-09
4.700E+03	1.135E-06	4.413E-01	1.105E-07	1.230E-36	5.086E-08	3.543E-02	3.731E-07	3.596E-09
4.800E+03	1.494E-06	4.531E-01	1.829E-07	9.921E-36	6.042E-08	2.839E-02	1.036E-06	3.422E-09
4.900E+03	1.961E-06	4.626E-01	2.930E-07	7.206E-35	7.147E-08	2.273E-02	1.201E-06	3.256E-09
5.000E+03	2.572E-06	4.701E-01	4.546E-07	4.729E-34	8.442E-08	1.822E-02	1.360E-06	3.110E-09
5.100E+03	3.375E-06	4.760E-01	6.844E-07	2.217E-33	9.978E-08	1.464E-02	1.509E-06	2.988E-09
5.200E+03	4.431E-06	4.807E-01	1.002E-06	7.532E-32	1.181E-07	1.183E-02	1.642E-06	2.892E-09
5.300E+03	5.820E-06	4.844E-01	1.429E-06	7.654E-32	1.400E-07	9.589E-03	1.758E-06	2.820E-09
5.400E+03	7.641E-06	4.873E-01	1.991E-06	3.534E-31	1.661E-07	7.814E-03	1.856E-06	2.769E-09
5.500E+03	1.002E-05	4.897E-01	2.717E-06	1.518E-30	1.972E-07	6.403E-03	1.936E-06	2.738E-09
5.600E+03	1.312E-05	4.916E-01	3.637E-06	6.092E-30	2.343E-07	5.275E-03	1.998E-06	2.725E-09
5.700E+03	1.715E-05	4.932E-01	4.784E-06	2.297E-29	2.784E-07	4.371E-03	2.043E-06	2.727E-09
5.800E+03	2.237E-05	4.946E-01	6.191E-06	8.162E-29	3.308E-07	3.643E-03	2.073E-06	2.745E-09
5.900E+03	2.911E-05	4.958E-01	7.891E-06	2.743E-28	3.931E-07	3.053E-03	2.087E-06	2.779E-09
6.000E+03	3.783E-05	4.969E-01	9.912E-06	8.741E-28	4.674E-07	2.573E-03	2.087E-06	2.830E-09
6.100E+03	4.909E-05	4.980E-01	1.228E-05	2.647E-27	5.561E-07	2.181E-03	2.074E-06	2.899E-09
6.200E+03	6.362E-05	4.992E-01	1.501E-05	7.636E-27	6.624E-07	1.860E-03	2.048E-06	2.989E-09
6.300E+03	8.236E-05	5.006E-01	1.812E-05	2.103E-26	7.902E-07	1.595E-03	2.012E-06	3.101E-09
6.400E+03	1.065E-04	5.021E-01	2.162E-05	5.542E-26	9.438E-07	1.375E-03	1.966E-06	3.228E-09
6.500E+03	1.376E-04	5.040E-01	2.557E-05	1.402E-25	1.129E-06	1.103E-03	1.914E-06	3.401E-09
6.600E+03	1.773E-04	5.063E-01	2.985E-05	3.415E-25	1.351E-06	1.042E-03	1.859E-06	3.593E-09
6.700E+03	2.200E-04	5.092E-01	3.463E-05	8.039E-25	1.616E-06	9.150E-04	1.803E-06	3.815E-09
6.800E+03	2.921E-04	5.126E-01	3.993E-05	1.836E-24	1.933E-06	8.080E-04	1.749E-06	4.068E-09
6.900E+03	3.724E-04	5.168E-01	4.584E-05	4.083E-24	2.308E-06	7.200E-04	1.699E-06	4.352E-09
7.000E+03	4.722E-04	5.217E-01	5.245E-05	8.878E-24	2.747E-06	6.450E-04	1.657E-06	4.665E-09
7.100E+03	5.947E-04	5.274E-01	5.993E-05	1.893E-23	3.259E-06	5.815E-04	1.623E-06	5.006E-09
7.200E+03	7.434E-04	5.339E-01	6.844E-05	3.974E-23	3.847E-06	5.276E-04	1.599E-06	5.370E-09
7.300E+03	9.216E-04	5.411E-01	7.819E-05	8.226E-23	4.516E-06	4.813E-04	1.584E-06	5.753E-09
7.400E+03	1.133E-03	5.490E-01	8.944E-05	1.683E-22	5.267E-05	4.414E-04	1.579E-06	6.146E-09
7.500E+03	1.380E-03	5.573E-01	1.024E-04	3.409E-22	6.100E-06	4.065E-04	1.584E-06	6.543E-09
7.600E+03	1.666E-03	5.659E-01	1.175E-04	6.839E-22	7.013E-06	3.757E-04	1.597E-06	6.934E-09
7.700E+03	1.993E-03	5.746E-01	1.350E-04	1.360E-21	7.998E-06	3.481E-04	1.619E-06	7.310E-09
7.800E+03	2.363E-03	5.832E-01	1.552E-04	2.682E-21	9.050E-06	3.232E-04	1.648E-06	7.660E-09
7.900E+03	2.779E-03	5.915E-01	1.785E-04	5.244E-21	1.016E-05	3.004E-04	1.682E-06	7.976E-09
8.000E+03	3.243E-03	5.994E-01	2.054E-04	1.016E-20	1.132E-05	2.704E-04	1.723E-06	8.253E-09
8.200E+03	4.319E-03	6.134E-01	2.718E-04	3.714E-20	1.373E-05	2.443E-04	1.816E-06	8.668E-09

Table II. - Continued.

P/P0 = 4.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.097E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.167E-40	6.620E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.704E-28	3.180E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	6.549E-21	6.172E-48	1.000E+00	0.	5.000E+02
9.576E-80	9.631E-81	0.	0.	5.808E-16	1.138E-39	1.000E+00	0.	6.000E+02
6.723E-66	7.655E-68	0.	0.	1.970E-12	8.948E-34	1.000E+00	1.912E-97	7.000E+02
3.232E-56	1.497E-59	0.	0.	3.920E-10	2.142E-30	1.000E+00	1.364E-78	8.000E+02
1.943E-49	1.193E-54	0.	0.	9.815E-09	5.238E-29	1.000E+00	2.289E-69	9.000E+02
4.574E-44	8.195E-51	0.	0.	1.223E-07	7.953E-28	1.000E+00	4.494E-62	1.000E+03
1.136E-39	1.129E-47	0.	7.960E-78	9.390E-07	6.318E-27	1.000E+00	4.141E-56	1.100E+03
5.240E-36	4.686E-45	0.	2.676E-69	5.321E-06	3.585E-26	1.000E+00	3.871E-51	1.200E+03
6.616E-33	7.735E-43	0.	4.388E-62	2.264E-05	1.552E-25	1.000E+00	6.226E-47	1.300E+03
3.017E-30	6.181E-41	0.	6.701E-56	7.816E-05	5.450E-25	9.999E-01	2.511E-43	1.400E+03
6.091E-28	2.755E-39	2.565E-95	1.532E-50	2.284E-04	1.620E-24	9.997E-01	3.349E-40	1.500E+03
5.341E-26	7.712E-36	1.092E-91	7.476E-46	5.825E-04	4.202E-24	9.991E-01	1.317E-37	1.600E+03
3.825E-24	1.471E-36	1.778E-83	1.016E-41	1.329E-03	9.632E-24	9.980E-01	4.700E-35	1.700E+03
1.464E-22	4.053E-35	5.065E-85	2.404E-38	2.740E-03	4.156E-23	9.959E-01	6.555E-33	1.800E+03
3.820E-21	3.545E-33	1.287E-80	5.536E-35	5.297E-03	6.864E-22	9.921E-01	5.434E-31	1.900E+03
7.191E-20	2.577E-31	1.982E-76	5.713E-34	9.496E-03	1.104E-20	9.857E-01	2.892E-29	2.000E+03
1.023E-18	1.280E-29	1.273E-72	3.688E-32	1.005E-02	1.394E-19	9.759E-01	1.053E-27	2.100E+03
1.142E-17	4.488E-28	3.445E-69	1.615E-29	2.574E-02	1.405E-18	9.613E-01	2.455E-26	2.200E+03
1.033E-16	1.157E-26	5.785E-66	5.053E-29	3.941E-02	1.158E-17	9.407E-01	5.410E-25	2.300E+03
7.755E-16	2.299E-25	4.756E-63	1.176E-27	5.782E-02	8.006E-17	9.129E-01	8.250E-24	2.400E+03
4.943E-15	5.585E-24	2.317E-60	2.107E-26	8.157E-02	4.734E-16	8.769E-01	1.006E-22	2.500E+03
2.723E-14	4.583E-23	7.097E-58	2.992E-25	1.110E-01	2.435E-15	8.322E-01	1.304E-21	2.600E+03
1.317E-13	4.852E-22	1.440E-55	3.447E-24	1.458E-01	1.106E-14	7.789E-01	8.389E-21	2.700E+03
5.666E-13	4.360E-21	2.021E-53	3.291E-23	1.856E-01	4.491E-14	7.176E-01	5.967E-20	2.800E+03
2.194E-12	3.384E-20	2.057E-51	2.651E-22	7.289E-01	1.648E-13	6.501E-01	3.671E-19	2.900E+03
7.727E-12	2.304E-19	1.560E-49	1.830E-21	2.743E-01	5.518E-13	5.785E-01	1.982E-18	3.000E+03
2.498E-11	1.395E-18	9.093E-48	1.098E-20	3.193E-01	1.701E-12	5.054E-01	9.507E-18	3.100E+03
7.472E-11	7.602E-18	4.195E-46	5.798E-20	2.634E-01	4.867E-12	4.335E-01	4.100E-17	3.200E+03
2.085E-10	3.772E-17	1.567E-44	2.725E-19	4.034E-01	1.302E-11	3.652E-01	1.607E-16	3.300E+03
5.456E-10	1.721E-16	4.818E-43	1.152E-18	4.384E-01	3.279E-11	3.024E-01	5.789E-16	3.400E+03
1.355E-09	7.292E-16	1.261E-41	4.424E-18	4.675E-01	7.828E-11	2.465E-01	1.935E-15	3.500E+03
3.198E-09	2.992E-15	2.317E-40	1.556E-17	4.905E-01	1.732E-10	1.980E-01	9.095E-15	3.600E+03
7.223E-09	1.082E-14	5.485E-39	5.059E-17	5.074E-01	3.488E-10	1.570E-01	1.792E-14	3.700E+03
1.570E-08	3.848E-14	9.411E-38	1.531E-16	5.188E-01	8.176E-10	1.231E-01	5.051E-14	3.800E+03
3.301E-08	1.309E-13	1.449E-36	4.343E-16	5.255E-01	1.665E-09	9.560E-02	1.367E-13	3.900E+03
6.743E-08	4.277E-13	2.017E-35	1.163E-15	5.284E-01	3.295E-09	7.364E-02	3.579E-13	4.000E+03
1.343E-07	1.349E-12	2.554E-34	2.959E-15	5.286E-01	6.357E-09	5.638E-02	9.107E-13	4.100E+03
2.615E-07	4.117E-12	2.964E-33	7.189E-15	5.270E-01	1.199E-08	4.293E-02	2.263E-12	4.200E+03
5.991E-07	1.216E-11	3.165E-32	1.678E-14	5.242E-01	2.212E-08	3.270E-02	5.509E-12	4.300E+03
9.352E-07	3.479E-11	3.113E-31	3.780E-14	5.211E-01	3.994E-08	2.487E-02	1.316E-11	4.400E+03
1.722E-06	9.714E-11	2.820E-30	8.261E-14	5.178E-01	7.056E-08	1.895E-02	3.086E-11	4.500E+03
3.115E-06	2.608E-10	2.349E-29	1.759E-13	5.148E-01	1.218E-07	1.448E-02	7.103E-11	4.600E+03
5.541E-06	6.757E-10	1.793E-28	3.662E-13	5.121E-01	2.051E-07	1.112E-02	1.603E-10	4.700E+03
9.588E-06	1.685E-09	1.256E-27	7.482E-13	5.099E-01	3.365E-07	8.588E-03	3.546E-10	4.800E+03
1.635E-05	4.047E-09	8.045E-27	1.504E-12	5.030E-01	5.375E-07	6.675E-03	7.677E-10	4.900E+03
2.813E-05	9.311E-09	4.717E-26	2.981E-12	5.065E-01	8.353E-07	5.225E-03	1.626E-09	5.000E+03
4.674E-05	2.065E-08	2.539E-25	5.831E-12	5.052E-01	1.264E-06	4.119E-03	3.568E-09	5.100E+03
7.637E-05	4.405E-08	1.258E-24	1.125E-11	5.042E-01	1.864E-06	3.271E-03	6.621E-09	5.200E+03
1.228E-04	9.067E-08	5.773E-24	2.146E-11	5.033E-01	2.685E-06	2.617E-03	1.351E-08	5.300E+03
1.943E-04	1.804E-07	2.463E-23	4.036E-11	5.026E-01	3.782E-06	2.109E-03	2.619E-06	5.400E+03
3.027E-04	3.477E-07	9.823E-23	7.487E-11	5.019E-01	5.221E-06	1.711E-03	4.966E-08	5.500E+03
4.648E-04	6.505E-07	3.678E-22	1.370E-10	5.012E-01	7.074E-06	1.398E-03	9.224E-08	5.600E+03
7.034E-04	1.183E-06	1.298E-21	2.472E-10	5.005E-01	9.421E-06	1.149E-03	1.078E-07	5.700E+03
1.050E-03	2.096E-06	4.332E-21	4.399E-10	4.997E-01	1.234E-05	9.509E-04	2.493E-07	5.800E+03
1.546E-03	3.617E-06	1.370E-20	7.727E-10	4.988E-01	1.592E-05	7.913E-04	5.234E-07	5.900E+03
2.246E-03	6.089E-06	4.116E-20	1.340E-09	4.975E-01	2.021E-05	6.622E-04	8.976E-07	6.000E+03
3.222E-03	1.001E-05	1.177E-19	2.295E-09	4.959E-01	2.529E-05	5.569E-04	1.510E-06	6.100E+03
4.564E-03	1.605E-05	3.205E-19	3.884E-09	4.938E-01	3.118E-05	4.705E-04	2.492E-06	6.200E+03
6.381E-03	2.516E-05	8.332E-19	6.475E-09	4.909E-01	3.787E-05	3.992E-04	4.054E-06	6.300E+03
8.809E-03	3.854E-05	2.070E-18	1.073E-08	4.871E-01	4.535E-05	3.403E-04	6.399E-06	6.400E+03
1.200E-02	5.773E-05	4.927E-18	1.750E-08	4.822E-01	5.356E-05	2.904E-04	9.943E-06	6.500E+03
1.613E-02	8.463E-05	1.125E-17	2.816E-08	4.759E-01	6.240E-05	2.486E-04	1.517E-05	6.600E+03
2.138E-02	1.215E-04	2.474E-17	4.462E-08	4.679E-01	7.176E-05	2.132E-04	2.246E-05	6.700E+03
2.793E-02	1.709E-04	3.245E-17	6.955E-08	4.579E-01	8.152E-05	1.829E-04	3.258E-05	6.800E+03
3.594E-02	2.358E-04	1.076E-16	1.064E-07	4.456E-01	9.154E-05	1.570E-04	4.605E-05	6.900E+03
4.552E-02	3.193E-04	2.139E-16	1.596E-07	4.310E-01	1.017E-04	1.346E-04	6.335E-05	7.000E+03
5.672E-02	4.249E-04	4.138E-16	2.343E-07	4.139E-01	1.118E-04	1.151E-04	8.472E-05	7.100E+03
6.951E-02	5.559E-04	7.799E-16	3.362E-07	3.943E-01	1.216E-04	9.815E-05	1.100E-04	7.200E+03
8.378E-02	7.157E-04	1.436E-15	4.711E-07	3.725E-01	1.312E-04	8.338E-05	1.287E-04	7.300E+03
9.929E-02	9.075E-04	2.588E-15	6.443E-07	3.488E-01	1.401E-04	7.049E-05	1.497E-04	7.400E+03
1.138E-01	1.134E-03	4.571E-15	8.600E-07	3.235E-01	1.484E-04	5.926E-05	2.017E-04	7.500E+03
1.328E-01	1.399E-03	7.928E-15	1.121E-06	2.973E-01	1.559E-04	4.952E-05	2.330E-04	7.600E+03
1.501E-01	1.703E-03	1.352E-14	1.428E-06	2.706E-01	1.625E-04	4.111E-05	2.619E-04	7.700E+03
1.672E-01	2.049E-03	2.269E-14	1.779E-06	2.442E-01	1.680E-04	3.391E-05	2.869E-04	7.800E+03
1.838E-01	2.439E-03	3.751E-14	2.171E-06	2.185E-01	1.724E-04	2.778E-05	3.070E-04	7.900E+03
1.995E-01	2.874E-03	6.116E-14	2.598E-06	1.939E-01	1.757E-04	2.262E-05	3.217E-04	8.000E+03
2.276E-01	3.883E-03	1.564E-13	3.536E-06	1.497E-01	1.792E-04	1.475E-05	3.528E-04	8.200E+03



Table II. - Continued.

T	E-	U	O+	O++	O-	O2	O2+	O2-
8.400E+03	5.606E-03	6.247E-01	3.583E-04	1.306E-19	1.623E-05	2.002E-04	1.920E-06	8.893E-09
8.600E+03	7.121E-03	6.333E-01	4.699E-04	4.411E-19	1.874E-05	1.807E-04	2.033E-06	8.944E-09
8.800E+03	8.842E-03	6.393E-01	6.119E-04	1.429E-18	2.125E-05	1.561E-04	2.150E-06	8.854E-09
9.000E+03	1.091E-02	6.433E-01	7.905E-04	4.439E-18	2.372E-05	1.349E-04	2.271E-06	8.658E-09
9.200E+03	1.323E-02	6.456E-01	1.013E-03	1.323E-17	2.616E-05	1.167E-04	2.394E-06	8.391E-09
9.400E+03	1.587E-02	6.465E-01	1.287E-03	3.788E-17	2.855E-05	1.012E-04	2.519E-06	8.076E-09
9.600E+03	1.885E-02	6.463E-01	1.623E-03	1.043E-16	3.089E-05	8.707E-05	2.645E-06	7.734E-09
9.800E+03	2.220E-02	6.452E-01	2.030E-03	2.766E-16	3.317E-05	7.670E-05	2.772E-06	7.378E-09
1.000E+04	2.594E-02	6.434E-01	2.519E-03	7.081E-16	3.539E-05	6.705E-05	2.900E-06	7.016E-09
1.020E+04	3.009E-02	6.408E-01	3.103E-03	1.752E-15	3.753E-05	5.879E-05	3.029E-06	6.654E-09
1.040E+04	3.467E-02	6.377E-01	3.797E-03	4.198E-15	3.959E-05	5.168E-05	3.158E-06	6.296E-09
1.060E+04	3.969E-02	6.340E-01	4.614E-03	9.759E-15	4.155E-05	4.555E-05	3.287E-06	5.944E-09
1.080E+04	4.517E-02	6.297E-01	5.572E-03	2.204E-14	4.340E-05	4.023E-05	3.415E-06	5.599E-09
1.100E+04	5.112E-02	6.249E-01	6.689E-03	4.845E-14	4.511E-05	3.561E-05	3.543E-06	5.263E-09
1.120E+04	5.755E-02	6.195E-01	7.983E-03	1.038E-13	4.669E-05	3.158E-05	3.668E-06	4.936E-09
1.140E+04	6.444E-02	6.136E-01	9.476E-03	2.169E-13	4.810E-05	2.804E-05	3.792E-06	4.618E-09
1.160E+04	7.181E-02	6.071E-01	1.119E-02	4.430E-13	4.935E-05	2.493E-05	3.912E-06	4.310E-09
1.180E+04	7.964E-02	6.000E-01	1.315E-02	8.852E-13	5.042E-05	2.219E-05	4.029E-06	4.012E-09
1.200E+04	8.792E-02	5.923E-01	1.537E-02	1.732E-12	5.130E-05	1.977E-05	4.141E-06	3.725E-09
1.220E+04	9.663E-02	5.841E-01	1.788E-02	3.321E-12	5.197E-05	1.761E-05	4.248E-06	3.448E-09
1.240E+04	1.053E-01	5.752E-01	2.072E-02	6.250E-12	5.245E-05	1.570E-05	4.347E-06	3.182E-09
1.260E+04	1.153E-01	5.657E-01	2.389E-02	1.155E-11	5.271E-05	1.399E-05	4.439E-06	2.928E-09
1.280E+04	1.252E-01	5.556E-01	2.743E-02	2.097E-11	5.277E-05	1.246E-05	4.521E-06	2.685E-09
1.300E+04	1.354E-01	5.449E-01	3.137E-02	3.745E-11	5.262E-05	1.110E-05	4.593E-06	2.453E-09
1.320E+04	1.459E-01	5.335E-01	3.571E-02	6.581E-11	5.226E-05	9.870E-06	4.653E-06	2.234E-09
1.340E+04	1.568E-01	5.215E-01	4.049E-02	1.138E-10	5.170E-05	8.769E-06	4.699E-06	2.026E-09
1.360E+04	1.678E-01	5.090E-01	4.571E-02	1.940E-10	5.094E-05	7.779E-06	4.731E-06	1.831E-09
1.380E+04	1.791E-01	4.958E-01	5.140E-02	3.258E-10	5.001E-05	6.890E-06	4.747E-06	1.648E-09
1.400E+04	1.906E-01	4.820E-01	5.754E-02	5.396E-10	4.889E-05	6.089E-06	4.745E-06	1.476E-09
1.420E+04	2.022E-01	4.676E-01	6.416E-02	8.813E-10	4.762E-05	5.370E-06	4.725E-06	1.317E-09
1.440E+04	2.139E-01	4.528E-01	7.123E-02	1.420E-09	4.620E-05	4.723E-06	4.686E-06	1.169E-09
1.460E+04	2.257E-01	4.374E-01	7.875E-02	2.259E-09	4.464E-05	4.142E-06	4.627E-06	1.033E-09
1.480E+04	2.375E-01	4.216E-01	8.669E-02	3.549E-09	4.296E-05	3.622E-06	4.548E-06	9.085E-10
1.500E+04	2.494E-01	4.053E-01	9.502E-02	5.505E-09	4.119E-05	3.156E-06	4.449E-06	7.947E-10
1.520E+04	2.612E-01	3.888E-01	1.037E-01	8.439E-09	3.933E-05	2.740E-06	4.331E-06	6.916E-10
1.540E+04	2.730E-01	3.719E-01	1.127E-01	1.278E-08	3.740E-05	2.371E-06	4.195E-06	5.985E-10
1.560E+04	2.846E-01	3.549E-01	1.220E-01	1.915E-08	3.542E-05	2.043E-06	4.043E-06	5.151E-10
1.580E+04	2.961E-01	3.377E-01	1.314E-01	2.836E-08	3.342E-05	1.753E-06	3.876E-06	4.409E-10
1.600E+04	3.075E-01	3.206E-01	1.411E-01	4.157E-08	3.139E-05	1.498E-06	3.696E-06	3.752E-10
1.620E+04	3.186E-01	3.035E-01	1.508E-01	6.029E-08	2.938E-05	1.275E-06	3.506E-06	3.175E-10
1.640E+04	3.294E-01	2.865E-01	1.605E-01	8.656E-08	2.738E-05	1.081E-06	3.309E-06	2.671E-10
1.660E+04	3.400E-01	2.698E-01	1.702E-01	1.231E-07	2.542E-05	9.121E-07	3.107E-06	2.234E-10
1.680E+04	3.502E-01	2.534E-01	1.797E-01	1.733E-07	2.351E-05	7.665E-07	2.902E-06	1.859E-10
1.700E+04	3.601E-01	2.374E-01	1.891E-01	2.420E-07	2.166E-05	6.416E-07	2.697E-06	1.538E-10
1.720E+04	3.696E-01	2.219E-01	1.983E-01	3.348E-07	1.989E-05	5.349E-07	2.495E-06	1.266E-10
1.740E+04	3.787E-01	2.069E-01	2.073E-01	4.593E-07	1.819E-05	4.443E-07	2.298E-06	1.037E-10
1.760E+04	3.873E-01	1.925E-01	2.159E-01	6.251E-07	1.659E-05	3.677E-07	2.107E-06	8.454E-11
1.780E+04	3.955E-01	1.788E-01	2.242E-01	8.441E-07	1.508E-05	3.083E-07	1.924E-06	6.860E-11
1.800E+04	4.033E-01	1.657E-01	2.321E-01	1.131E-06	1.367E-05	2.485E-07	1.750E-06	5.544E-11
1.820E+04	4.106E-01	1.533E-01	2.396E-01	1.505E-06	1.234E-05	2.056E-07	1.586E-06	4.464E-11
1.840E+04	4.175E-01	1.416E-01	2.467E-01	1.989E-06	1.114E-05	1.674E-07	1.433E-06	3.582E-11
1.860E+04	4.239E-01	1.306E-01	2.534E-01	2.611E-06	1.002E-05	1.367E-07	1.291E-06	2.865E-11
1.880E+04	4.299E-01	1.204E-01	2.597E-01	3.405E-06	9.001E-06	1.114E-07	1.160E-06	2.286E-11
1.900E+04	4.355E-01	1.108E-01	2.655E-01	4.413E-06	8.068E-06	9.085E-08	1.040E-06	1.820E-11
1.920E+04	4.407E-01	1.019E-01	2.710E-01	5.687E-06	7.221E-06	9.305E-07	9.305E-07	1.446E-11
1.940E+04	4.455E-01	9.363E-02	2.760E-01	7.286E-06	6.454E-06	8.310E-07	8.310E-07	1.147E-11
1.960E+04	4.499E-01	8.600E-02	2.807E-01	9.284E-06	5.763E-06	7.411E-07	7.411E-07	9.095E-12
1.980E+04	4.540E-01	7.896E-02	2.850E-01	1.177E-05	5.141E-06	6.600E-07	6.600E-07	7.203E-12
2.000E+04	4.578E-01	7.248E-02	2.890E-01	1.484E-05	4.583E-06	5.873E-07	5.873E-07	5.702E-12
2.020E+04	4.612E-01	6.652E-02	2.926E-01	1.863E-05	4.084E-06	5.223E-07	5.223E-07	4.513E-12
2.040E+04	4.644E-01	6.106E-02	2.960E-01	2.326E-05	3.638E-06	4.641E-07	4.641E-07	3.573E-12
2.060E+04	4.674E-01	5.605E-02	2.990E-01	2.893E-05	3.241E-06	4.124E-07	4.124E-07	2.830E-12
2.080E+04	4.701E-01	5.147E-02	3.018E-01	3.581E-05	2.887E-06	3.663E-07	3.663E-07	2.243E-12
2.100E+04	4.726E-01	4.727E-02	3.043E-01	4.414E-05	2.572E-06	3.254E-07	3.254E-07	1.779E-12
2.120E+04	4.749E-01	4.344E-02	3.066E-01	5.420E-05	2.292E-06	2.892E-07	2.892E-07	1.413E-12
2.140E+04	4.770E-01	3.994E-02	3.087E-01	6.627E-05	2.044E-06	2.570E-07	2.570E-07	1.123E-12
2.160E+04	4.789E-01	3.674E-02	3.106E-01	8.072E-05	1.823E-06	2.285E-07	2.285E-07	8.946E-13
2.180E+04	4.807E-01	3.382E-02	3.123E-01	9.796E-05	1.627E-06	2.033E-07	2.033E-07	7.134E-13
2.200E+04	4.824E-01	3.115E-02	3.138E-01	1.185E-04	1.453E-06	1.810E-07	1.810E-07	5.699E-13
2.220E+04	4.840E-01	2.872E-02	3.152E-01	1.427E-04	1.299E-06	1.612E-07	1.612E-07	4.561E-13
2.240E+04	4.854E-01	2.649E-02	3.164E-01	1.714E-04	1.162E-06	1.437E-07	1.437E-07	3.657E-13
2.260E+04	4.868E-01	2.446E-02	3.174E-01	2.051E-04	1.040E-06	1.282E-07	1.282E-07	2.938E-13
2.280E+04	4.881E-01	2.260E-02	3.184E-01	2.447E-04	9.323E-07	1.145E-07	1.145E-07	2.365E-13
2.300E+04	4.894E-01	2.090E-02	3.192E-01	2.910E-04	8.362E-07	1.023E-07	1.023E-07	1.907E-13
2.320E+04	4.906E-01	1.935E-02	3.199E-01	3.450E-04	7.507E-07	9.148E-08	9.148E-08	1.542E-13
2.340E+04	4.917E-01	1.792E-02	3.205E-01	4.077E-04	6.747E-07	8.189E-08	8.189E-08	1.249E-13
2.360E+04	4.929E-01	1.662E-02	3.210E-01	4.804E-04	6.070E-07	7.338E-08	7.338E-08	1.013E-13
2.380E+04	4.940E-01	1.542E-02	3.214E-01	5.645E-04	5.466E-07	6.581E-08	6.581E-08	8.243E-14
2.400E+04	4.950E-01	1.433E-02	3.217E-01	6.614E-04	4.927E-07	5.907E-08	5.907E-08	6.720E-14
2.420E+04	4.961E-01	1.332E-02	3.218E-01	7.727E-04	4.446E-07	5.308E-08	5.308E-08	5.489E-14
2.440E+04	4.972E-01	1.239E-02	3.219E-01	9.004E-04	4.017E-07	4.773E-08	4.773E-08	4.494E-14
2.460E+04	4.983E-01	1.154E-02	3.219E-01	1.046E-03	3.633E-07	4.296E-08	4.296E-08	3.687E-14
2.480E+04	4.994E-01	1.076E-02	3.218E-01	1.213E-03	3.288E-07	3.870E-08	3.870E-08	3.031E-14
2.500E+04	5.005E-01	1.004E-02	3.216E-01	1.402E-03	2.980E-07	3.489E-08	3.489E-08	2.497E-14

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.504E-01	5.088E-03	3.811E-13	4.538E-06	1.131E-01	1.790E-04	9.446E-06	3.239E-04	8.400E+03
2.678E-01	6.498E-03	8.894E-13	5.560E-06	8.411E-02	1.758E-04	5.983E-06	3.008E-04	8.600E+03
2.804E-01	8.125E-03	1.994E-12	6.568E-06	6.204E-02	1.706E-04	3.770E-06	2.701E-04	8.800E+03
2.888E-01	9.986E-03	4.312E-12	7.543E-06	4.559E-02	1.641E-04	2.377E-06	2.368E-04	9.000E+03
2.941E-01	1.210E-02	9.011E-12	8.475E-06	3.351E-02	1.569E-04	1.505E-06	2.044E-04	9.200E+03
2.967E-01	1.447E-02	1.823E-11	9.359E-06	2.470E-02	1.495E-04	9.592E-07	1.746E-04	9.400E+03
2.974E-01	1.713E-02	3.588E-11	1.019E-05	1.829E-02	1.420E-04	6.168E-07	1.482E-04	9.600E+03
2.963E-01	2.008E-02	6.863E-11	1.097E-05	1.362E-02	1.347E-04	4.004E-07	1.252E-04	9.800E+03
2.943E-01	2.334E-02	1.279E-10	1.169E-05	1.020E-02	1.276E-04	2.625E-07	1.056E-04	1.000E+04
2.910E-01	2.691E-02	2.328E-10	1.236E-05	7.687E-03	1.208E-04	1.738E-07	8.883E-05	1.020E+04
2.869E-01	3.090E-02	4.139E-10	1.295E-05	5.828E-03	1.142E-04	1.162E-07	7.466E-05	1.040E+04
2.819E-01	3.512E-02	7.203E-10	1.348E-05	4.445E-03	1.080E-04	7.839E-08	6.269E-05	1.060E+04
2.753E-01	3.955E-02	1.228E-09	1.392E-05	3.408E-03	1.020E-04	5.332E-08	5.259E-05	1.080E+04
2.700E-01	4.441E-02	2.054E-09	1.429E-05	2.626E-03	9.632E-05	3.655E-08	4.407E-05	1.100E+04
2.631E-01	4.953E-02	3.372E-09	1.458E-05	2.033E-03	9.084E-05	2.524E-08	3.689E-05	1.120E+04
2.557E-01	5.494E-02	5.441E-09	1.477E-05	1.581E-03	8.559E-05	1.754E-08	3.083E-05	1.140E+04
2.479E-01	6.060E-02	8.633E-09	1.488E-05	1.233E-03	8.055E-05	1.223E-08	2.572E-05	1.160E+04
2.394E-01	6.648E-02	1.348E-08	1.489E-05	9.656E-04	7.569E-05	8.606E-09	2.141E-05	1.180E+04
2.309E-01	7.254E-02	2.074E-08	1.482E-05	7.581E-04	7.101E-05	6.071E-09	1.779E-05	1.200E+04
2.219E-01	7.875E-02	3.144E-08	1.465E-05	5.967E-04	6.651E-05	4.299E-09	1.474E-05	1.220E+04
2.126E-01	8.505E-02	4.701E-08	1.441E-05	4.706E-04	6.217E-05	3.053E-09	1.218E-05	1.240E+04
2.032E-01	9.140E-02	6.935E-08	1.409E-05	3.718E-04	5.799E-05	2.175E-09	1.003E-05	1.260E+04
1.936E-01	9.775E-02	1.010E-07	1.369E-05	2.942E-04	5.397E-05	1.552E-09	8.241E-06	1.280E+04
1.839E-01	1.040E-01	1.453E-07	1.324E-05	2.330E-04	5.010E-05	1.109E-09	6.747E-06	1.300E+04
1.743E-01	1.102E-01	2.066E-07	1.273E-05	1.847E-04	4.639E-05	7.940E-10	5.506E-06	1.320E+04
1.647E-01	1.163E-01	2.904E-07	1.218E-05	1.465E-04	4.284E-05	5.685E-10	4.479E-06	1.340E+04
1.552E-01	1.221E-01	4.038E-07	1.159E-05	1.162E-04	3.945E-05	4.072E-10	3.631E-06	1.360E+04
1.458E-01	1.277E-01	5.555E-07	1.098E-05	9.222E-05	3.621E-05	2.916E-10	2.935E-06	1.380E+04
1.367E-01	1.330E-01	7.567E-07	1.035E-05	7.317E-05	3.315E-05	2.087E-10	2.365E-06	1.400E+04
1.279E-01	1.380E-01	1.021E-06	9.712E-06	5.804E-05	3.025E-05	1.493E-10	1.899E-06	1.420E+04
1.193E-01	1.427E-01	1.364E-06	9.076E-06	4.602E-05	2.751E-05	1.066E-10	1.521E-06	1.440E+04
1.111E-01	1.470E-01	1.807E-06	8.447E-06	3.647E-05	2.494E-05	7.604E-11	1.215E-06	1.460E+04
1.033E-01	1.509E-01	2.374E-06	7.832E-06	2.889E-05	2.254E-05	5.414E-11	9.686E-07	1.480E+04
9.779E-02	1.544E-01	3.093E-06	7.235E-06	2.286E-05	2.031E-05	3.847E-11	7.702E-07	1.500E+04
8.871E-02	1.575E-01	3.999E-06	6.661E-06	1.808E-05	1.824E-05	2.727E-11	6.112E-07	1.520E+04
8.204E-02	1.603E-01	5.133E-06	6.113E-06	1.429E-05	1.632E-05	1.929E-11	4.841E-07	1.540E+04
7.576E-02	1.627E-01	6.544E-06	5.593E-06	1.128E-05	1.457E-05	1.361E-11	3.829E-07	1.560E+04
6.988E-02	1.647E-01	8.290E-06	5.102E-06	8.896E-06	1.296E-05	9.581E-12	3.025E-07	1.580E+04
6.439E-02	1.664E-01	1.044E-05	4.643E-06	7.010E-06	1.150E-05	6.725E-12	2.386E-07	1.600E+04
5.928E-02	1.678E-01	1.306E-05	4.214E-06	5.520E-06	1.017E-05	4.708E-12	1.882E-07	1.620E+04
5.453E-02	1.690E-01	1.627E-05	3.816E-06	4.343E-06	8.971E-06	3.288E-12	1.483E-07	1.640E+04
5.014E-02	1.698E-01	2.015E-05	3.448E-06	3.414E-06	7.895E-06	2.290E-12	1.168E-07	1.660E+04
4.608E-02	1.705E-01	2.485E-05	3.110E-06	2.683E-06	6.932E-06	1.591E-12	9.198E-08	1.680E+04
4.233E-02	1.709E-01	3.051E-05	2.800E-06	2.106E-06	6.073E-06	1.103E-12	7.245E-08	1.700E+04
3.889E-02	1.712E-01	3.731E-05	2.517E-06	1.653E-06	5.310E-06	7.630E-13	5.709E-08	1.720E+04
3.572E-02	1.713E-01	4.544E-05	2.259E-06	1.297E-06	4.634E-06	5.268E-13	4.502E-08	1.740E+04
3.282E-02	1.713E-01	5.515E-05	2.026E-06	1.018E-06	4.039E-06	3.632E-13	3.553E-08	1.760E+04
3.016E-02	1.713E-01	6.671E-05	1.814E-06	7.989E-07	3.515E-06	2.501E-13	2.807E-08	1.780E+04
2.772E-02	1.711E-01	8.044E-05	1.623E-06	6.271E-07	3.055E-06	1.720E-13	2.220E-08	1.800E+04
2.550E-02	1.709E-01	9.670E-05	1.451E-06	4.924E-07	2.654E-06	1.183E-13	1.758E-08	1.820E+04
2.346E-02	1.706E-01	1.159E-04	1.297E-06	3.869E-07	2.303E-06	8.126E-14	1.395E-08	1.840E+04
2.160E-02	1.703E-01	1.385E-04	1.158E-06	3.043E-07	1.998E-06	5.585E-14	1.109E-08	1.860E+04
1.991E-02	1.699E-01	1.652E-04	1.034E-06	2.396E-07	1.733E-06	3.840E-14	8.826E-09	1.880E+04
1.836E-02	1.696E-01	1.964E-04	9.237E-07	1.888E-07	1.503E-06	2.642E-14	7.041E-09	1.900E+04
1.695E-02	1.693E-01	2.330E-04	8.247E-07	1.490E-07	1.303E-06	1.820E-14	5.629E-09	1.920E+04
1.566E-02	1.689E-01	2.757E-04	7.365E-07	1.178E-07	1.130E-06	1.255E-14	4.510E-09	1.940E+04
1.448E-02	1.686E-01	3.254E-04	6.578E-07	9.328E-08	9.808E-07	8.673E-15	3.621E-09	1.960E+04
1.340E-02	1.682E-01	3.832E-04	5.878E-07	7.399E-08	8.515E-07	6.004E-15	2.914E-09	1.980E+04
1.242E-02	1.679E-01	4.503E-04	5.254E-07	5.881E-08	7.397E-07	4.166E-15	2.351E-09	2.000E+04
1.152E-02	1.675E-01	5.278E-04	4.699E-07	4.683E-08	6.430E-07	2.898E-15	1.901E-09	2.020E+04
1.070E-02	1.672E-01	6.173E-04	4.205E-07	3.738E-08	5.595E-07	2.021E-15	1.541E-09	2.040E+04
9.943E-03	1.669E-01	7.204E-04	3.765E-07	2.990E-08	4.872E-07	1.413E-15	1.252E-09	2.060E+04
9.253E-03	1.665E-01	8.387E-04	3.374E-07	2.397E-08	4.247E-07	9.914E-16	1.019E-09	2.080E+04
8.619E-03	1.662E-01	9.743E-04	3.025E-07	1.926E-08	3.706E-07	5.978E-16	8.217E-10	2.100E+04
8.037E-03	1.659E-01	1.129E-03	2.715E-07	1.551E-08	3.237E-07	4.925E-16	6.804E-10	2.120E+04
7.501E-03	1.655E-01	1.306E-03	2.438E-07	1.252E-08	2.830E-07	3.489E-16	5.578E-10	2.140E+04
7.009E-03	1.652E-01	1.507E-03	2.191E-07	1.013E-08	2.478E-07	2.479E-16	4.583E-10	2.160E+04
6.555E-03	1.648E-01	1.735E-03	1.971E-07	8.217E-09	2.171E-07	1.768E-16	3.774E-10	2.180E+04
6.136E-03	1.644E-01	1.993E-03	1.774E-07	6.881E-09	1.905E-07	1.266E-16	3.113E-10	2.200E+04
5.749E-03	1.640E-01	2.284E-03	1.598E-07	5.445E-09	1.673E-07	9.090E-17	2.574E-10	2.220E+04
5.391E-03	1.635E-01	2.612E-03	1.441E-07	4.447E-09	1.471E-07	6.552E-17	2.132E-10	2.240E+04
5.059E-03	1.630E-01	2.981E-03	1.300E-07	3.641E-09	1.295E-07	4.738E-17	1.769E-10	2.260E+04
4.751E-03	1.625E-01	3.393E-03	1.174E-07	2.987E-09	1.141E-07	3.439E-17	1.471E-10	2.280E+04
4.466E-03	1.619E-01	3.854E-03	1.061E-07	2.456E-09	1.007E-07	2.505E-17	1.224E-10	2.300E+04
4.203E-03	1.612E-01	4.367E-03	9.596E-08	2.024E-09	8.888E-08	1.830E-17	1.021E-10	2.320E+04
3.952E-03	1.605E-01	4.938E-03	8.684E-08	1.671E-09	7.854E-08	1.342E-17	8.527E-11	2.340E+04
3.722E-03	1.598E-01	5.570E-03	7.864E-08	1.383E-09	6.947E-08	9.871E-18	7.130E-11	2.360E+04
3.506E-03	1.589E-01	6.268E-03	7.126E-08	1.146E-09	6.149E-08	7.284E-18	5.970E-11	2.380E+04
3.335E-03	1.580E-01	7.037E-03	6.460E-08	9.521E-10	5.448E-08	5.392E-18	5.004E-11	2.400E+04
3.116E-03	1.570E-01	7.881E-03	5.860E-08	7.922E-10	4.829E-08	4.003E-18	4.198E-11	2.420E+04
2.939E-03	1.559E-01	8.806E-03	5.318E-08	6.602E-10	4.284E-08	2.981E-18	3.525E-11	2.440E+04
2.773E-03	1.547E-01	9.815E-03	4.829E-08	5.510E-10	3.802E-08	2.226E-18	2.963E-11	2.460E+04
2.616E-03	1.533E-01	1.091E-02	4.386E-08	4.607E-10	3.376E-08	1.667E-18	2.491E-11	2.480E+04
2.469E-03	1.519E-01	1.210E-02	3.985E-08	3.856E-10	2.998E-08	1.251E-18	2.096E-11	2.500E+04

Table II. - Continued.

P/P0 = 5.00E+00

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	3.357E-68	0.	0.	0.	5.041E-11	1.760E-18	0.
3.000E+02	0.	1.611E-46	1.392E-80	0.	0.	5.734E-11	1.760E-18	0.
4.000E+02	0.	1.028E-35	3.944E-63	0.	0.	4.406E-11	1.760E-18	0.
5.000E+02	0.	3.633E-29	1.085E-52	0.	0.	4.849E-11	1.760E-18	0.
6.000E+02	2.349E-94	8.767E-25	9.966E-46	0.	0.	5.274E-11	1.760E-18	0.
7.000E+02	9.450E-80	1.141E-21	1.005E-40	0.	1.714E-90	5.038E-11	1.760E-18	7.066E-83
8.000E+02	4.164E-68	5.399E-19	2.659E-37	0.	1.208E-77	2.280E-10	1.760E-18	1.288E-71
9.000E+02	3.054E-58	1.635E-16	4.926E-35	0.	1.862E-66	4.603E-09	1.760E-18	2.876E-61
1.000E+03	2.730E-50	1.676E-14	3.060E-33	0.	1.960E-57	5.682E-08	1.760E-18	6.802E-53
1.100E+03	8.956E-44	7.443E-13	9.002E-32	0.	4.763E-50	4.452E-07	1.760E-18	4.854E-46
1.200E+03	2.451E-38	1.760E-11	1.514E-30	0.	6.789E-44	2.470E-06	1.760E-18	2.486E-40
1.300E+03	9.900E-34	2.561E-10	1.656E-29	0.	1.091E-38	1.051E-05	1.760E-18	1.679E-35
1.400E+03	8.898E-30	2.545E-09	1.291E-28	0.	3.165E-34	3.628E-05	1.760E-18	2.305E-31
1.500E+03	2.398E-26	1.863E-08	7.679E-28	0.	2.328E-30	1.060E-04	1.760E-18	8.856E-28
1.600E+03	2.428E-23	1.064E-07	3.662E-27	0.	5.617E-27	2.783E-04	1.760E-18	1.208E-24
1.700E+03	1.090E-20	4.949E-07	1.666E-26	0.	5.376E-24	6.165E-04	1.771E-18	6.981E-22
1.800E+03	1.372E-18	1.941E-06	9.157E-26	0.	1.316E-21	1.280E-03	3.240E-18	1.089E-19
1.900E+03	2.221E-17	6.588E-06	2.227E-24	0.	3.831E-20	2.456E-03	2.612E-17	2.115E-18
2.000E+03	2.039E-16	1.978E-05	5.276E-23	0.	5.921E-19	4.401E-03	2.289E-16	2.266E-17
2.100E+03	1.479E-15	5.338E-05	9.520E-22	2.125E-89	6.830E-18	7.431E-03	1.675E-15	1.872E-16
2.200E+03	8.933E-15	1.314E-04	1.329E-20	3.729E-85	6.243E-17	1.100E-02	1.026E-14	1.259E-15
2.300E+03	4.609E-14	2.983E-04	1.480E-19	2.825E-81	4.666E-16	1.819E-02	5.363E-14	7.087E-15
2.400E+03	2.070E-13	6.302E-04	1.352E-18	1.026E-77	2.920E-15	2.643E-02	2.439E-13	3.406E-14
2.500E+03	8.226E-13	1.249E-03	1.037E-17	1.950E-74	1.561E-14	3.746E-02	9.799E-13	1.421E-13
2.600E+03	2.930E-12	2.334E-03	6.816E-17	2.086E-71	7.244E-14	5.075E-02	3.522E-12	5.213E-13
2.700E+03	9.460E-12	4.141E-03	3.901E-16	1.352E-68	2.959E-13	6.636E-02	1.145E-11	1.702E-12
2.800E+03	2.795E-11	6.999E-03	1.973E-15	5.551E-66	1.076E-12	8.386E-02	3.397E-11	4.986E-12
2.900E+03	7.617E-11	1.132E-02	8.930E-15	1.514E-63	3.518E-12	1.026E-01	9.276E-11	1.322E-11
3.000E+03	1.929E-10	1.756E-02	3.657E-14	2.892E-61	1.043E-11	1.215E-01	2.347E-10	3.194E-11
3.100E+03	4.565E-10	2.623E-02	1.368E-13	3.964E-59	2.826E-11	1.395E-01	5.539E-10	7.070E-11
3.200E+03	1.015E-09	3.780E-02	4.712E-13	4.039E-57	7.043E-11	1.555E-01	1.225E-09	1.442E-10
3.300E+03	2.132E-09	5.269E-02	1.506E-12	3.146E-55	1.623E-10	1.603E-01	2.554E-09	2.724E-10
3.400E+03	4.246E-09	7.120E-02	4.498E-12	1.920E-53	3.480E-10	1.771E-01	5.038E-09	4.783E-10
3.500E+03	8.045E-09	9.342E-02	1.262E-11	9.378E-52	6.969E-10	1.814E-01	9.444E-09	7.841E-10
3.600E+03	1.456E-08	1.193E-01	3.344E-11	3.738E-50	1.310E-09	1.810E-01	1.688E-08	1.204E-09
3.700E+03	2.523E-08	1.483E-01	8.408E-11	1.233E-48	2.318E-09	1.780E-01	2.886E-08	1.739E-09
3.800E+03	4.200E-08	1.800E-01	2.014E-10	3.450E-47	3.878E-09	1.670E-01	4.732E-08	2.369E-09
3.900E+03	6.733E-08	2.135E-01	4.610E-10	8.217E-46	6.155E-09	1.546E-01	7.462E-08	3.051E-09
4.000E+03	1.042E-07	2.476E-01	1.012E-09	1.690E-44	9.295E-09	1.399E-01	1.134E-07	3.728E-09
4.100E+03	1.562E-07	2.813E-01	2.137E-05	3.038E-43	1.340E-08	1.238E-01	1.663E-07	4.336E-09
4.200E+03	2.274E-07	3.136E-01	4.346E-09	4.806E-42	1.853E-08	1.074E-01	2.361E-07	4.822E-09
4.300E+03	3.224E-07	3.434E-01	8.534E-09	6.738E-41	2.467E-08	9.141E-02	3.247E-07	5.151E-09
4.400E+03	4.467E-07	3.702E-01	1.620E-08	8.420E-40	3.177E-08	7.657E-02	4.335E-07	5.315E-09
4.500E+03	6.072E-07	3.936E-01	2.973E-08	9.417E-39	3.979E-08	6.330E-02	5.625E-07	5.332E-09
4.600E+03	8.129E-07	4.135E-01	5.283E-08	9.452E-38	4.875E-08	5.100E-02	7.106E-07	5.234E-09
4.700E+03	1.076E-06	4.301E-01	9.090E-08	8.534E-37	5.875E-08	4.207E-02	8.747E-07	5.061E-09
4.800E+03	1.413E-06	4.437E-01	1.514E-07	6.944E-36	6.998E-08	3.482E-02	1.050E-06	4.851E-09
4.900E+03	1.848E-06	4.547E-01	2.444E-07	5.101E-35	8.279E-08	2.745E-02	1.231E-06	4.634E-09
5.000E+03	2.412E-06	4.635E-01	3.825E-07	3.394E-34	9.759E-08	2.215E-02	1.411E-06	4.431E-09
5.100E+03	3.146E-06	4.706E-01	5.808E-07	2.052E-33	1.149E-07	1.700E-02	1.582E-06	4.254E-09
5.200E+03	4.103E-06	4.762E-01	8.575E-07	1.133E-32	1.354E-07	1.451E-02	1.741E-06	4.107E-09
5.300E+03	5.354E-06	4.807E-01	1.233E-06	5.744E-32	1.597E-07	1.181E-02	1.883E-06	3.992E-09
5.400E+03	6.986E-06	4.843E-01	1.732E-06	2.689E-31	1.886E-07	9.647E-03	2.005E-06	3.907E-09
5.500E+03	9.108E-06	4.872E-01	2.379E-06	1.170E-30	2.229E-07	7.921E-03	2.108E-06	3.849E-09
5.600E+03	1.186E-05	4.895E-01	3.205E-06	4.752E-30	2.636E-07	6.538E-03	2.191E-06	3.815E-09
5.700E+03	1.542E-05	4.914E-01	4.241E-06	1.812E-29	3.118E-07	5.425E-03	2.256E-06	3.804E-09
5.800E+03	2.001E-05	4.930E-01	5.520E-06	6.508E-29	3.687E-07	4.525E-03	2.303E-06	3.813E-09
5.900E+03	2.591E-05	4.944E-01	7.074E-06	2.211E-28	4.361E-07	3.795E-03	2.332E-06	3.843E-09
6.000E+03	3.349E-05	4.957E-01	8.936E-06	7.123E-28	5.158E-07	3.281E-03	2.346E-06	3.894E-09
6.100E+03	4.321E-05	4.968E-01	1.113E-05	2.181E-27	6.104E-07	2.714E-03	2.345E-06	3.969E-09
6.200E+03	5.568E-05	4.980E-01	1.369E-05	6.366E-27	7.230E-07	2.314E-03	2.329E-06	4.068E-09
6.300E+03	7.166E-05	4.993E-01	1.662E-05	1.774E-26	8.571E-07	1.983E-03	2.301E-06	4.194E-09
6.400E+03	9.212E-05	5.007E-01	1.994E-05	4.729E-26	1.017E-06	1.710E-03	2.261E-06	4.351E-09
6.500E+03	1.183E-04	5.024E-01	2.367E-05	1.210E-25	1.209E-06	1.482E-03	2.212E-06	4.540E-09
6.600E+03	1.517E-04	5.044E-01	2.782E-05	2.977E-25	1.438E-06	1.202E-03	2.157E-06	4.765E-09
6.700E+03	1.941E-04	5.068E-01	3.240E-05	7.070E-25	1.712E-06	1.183E-03	2.099E-06	5.027E-09
6.800E+03	2.476E-04	5.098E-01	3.748E-05	1.626E-24	2.037E-06	1.080E-03	2.040E-06	5.329E-09
6.900E+03	3.148E-04	5.133E-01	4.310E-05	3.634E-24	2.422E-06	8.880E-04	1.984E-06	5.670E-09
7.000E+03	3.983E-04	5.175E-01	4.935E-05	7.921E-24	2.874E-06	7.985E-04	1.933E-06	6.052E-09
7.100E+03	5.012E-04	5.225E-01	5.635E-05	1.690E-23	3.401E-06	7.135E-04	1.890E-06	6.471E-09
7.200E+03	6.267E-04	5.282E-01	6.425E-05	3.540E-23	4.011E-06	6.455E-04	1.856E-06	6.924E-09
7.300E+03	7.779E-04	5.347E-01	7.323E-05	7.302E-23	4.703E-06	5.875E-04	1.832E-06	7.408E-09
7.400E+03	9.580E-04	5.419E-01	8.350E-05	1.486E-22	5.496E-06	5.375E-04	1.819E-06	7.913E-09
7.500E+03	1.170E-03	5.496E-01	9.530E-05	2.991E-22	6.378E-06	4.942E-04	1.816E-06	8.433E-09
7.600E+03	1.417E-03	5.577E-01	1.089E-04	5.959E-22	7.350E-06	4.561E-04	1.823E-06	8.955E-09
7.700E+03	1.701E-03	5.662E-01	1.246E-04	1.176E-21	8.412E-06	4.224E-04	1.840E-06	9.468E-09
7.800E+03	2.026E-03	5.746E-01	1.427E-04	2.302E-21	9.555E-06	3.922E-04	1.866E-06	9.960E-09
7.900E+03	2.392E-03	5.830E-01	1.636E-04	4.467E-21	1.077E-05	3.688E-04	1.899E-06	1.042E-08
8.000E+03	2.801E-03	5.912E-01	1.876E-04	8.595E-21	1.205E-05	3.387E-04	1.940E-06	1.083E-08
8.200E+03	3.759E-03	6.060E-01	2.468E-04	3.100E-20	1.476E-05	2.951E-04	2.036E-06	1.151E-08

Table II. - Continued.

P/PO = 5.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.803E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.034E-40	5.750E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.487E-28	3.089E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	5.096E-21	6.225E-48	1.000E+00	0.	5.000E+02
7.322E-80	7.024E-81	0.	0.	5.075E-16	9.494E-40	1.000E+00	0.	6.000E+02
5.286E-66	5.917E-68	0.	0.	1.747E-12	7.798E-34	1.000E+00	1.478E-92	7.000E+02
2.922E-56	1.347E-59	0.	0.	3.612E-10	2.095E-30	1.000E+00	1.229E-78	8.000E+02
1.673E-49	1.105E-54	0.	0.	9.107E-09	6.228E-29	1.000E+00	2.120E-69	9.000E+02
3.941E-44	7.605E-51	0.	3.734E-88	1.135E-07	7.952E-28	1.000E+00	4.171E-62	1.000E+03
9.788E-40	1.048E-47	0.	6.368E-78	8.902E-07	6.348E-27	1.000E+00	3.344E-56	1.100E+03
4.516E-36	4.350E-45	0.	2.141E-69	4.940E-06	3.585E-25	1.000E+00	3.554E-51	1.200E+03
5.701E-33	7.180E-43	0.	3.511E-62	2.102E-05	1.552E-25	1.000E+00	5.779E-47	1.300E+03
2.600E-30	5.728E-41	0.	5.351E-55	7.256E-05	5.450E-25	9.999E-01	2.531E-43	1.400E+03
5.249E-28	2.555E-39	2.565E-95	1.225E-50	2.120E-04	1.620E-24	9.997E-01	3.109E-40	1.500E+03
5.465E-26	7.159E-38	1.092E-91	5.983E-46	5.408E-04	4.202E-24	9.992E-01	1.687E-37	1.600E+03
3.297E-24	1.363E-36	1.770E-88	8.144E-42	1.234E-03	9.810E-24	9.981E-01	4.363E-35	1.700E+03
1.262E-22	3.412E-35	4.703E-85	2.112E-38	2.563E-03	3.795E-23	9.962E-01	6.987E-33	1.800E+03
3.292E-21	2.864E-35	9.750E-81	5.085E-35	4.919E-03	5.980E-22	9.926E-01	5.046E-31	1.900E+03
6.198E-20	2.076E-31	1.498E-76	5.267E-24	8.821E-03	9.587E-21	9.866E-01	2.686E-29	2.000E+03
8.202E-19	1.032E-29	9.752E-73	3.400E-32	1.491E-02	1.212E-19	9.774E-01	9.778E-28	2.100E+03
9.852E-18	3.621E-28	2.903E-69	1.489E-30	2.394E-02	1.221E-18	9.640E-01	2.561E-26	2.200E+03
8.909E-17	9.248E-27	4.358E-66	4.657E-29	3.658E-02	1.009E-17	9.448E-01	5.033E-25	2.300E+03
6.674E-16	1.856E-25	3.592E-63	1.085E-27	5.389E-02	6.983E-17	9.189E-01	7.682E-24	2.400E+03
4.269E-15	2.909E-24	1.751E-60	1.946E-26	7.616E-02	4.134E-16	8.851E-01	9.378E-23	2.500E+03
2.354E-14	3.703E-23	5.359E-58	2.767E-25	1.038E-01	2.130E-15	8.431E-01	9.381E-22	2.600E+03
1.140E-13	3.906E-22	1.086E-55	3.195E-24	1.369E-01	9.690E-15	7.926E-01	7.353E-21	2.700E+03
4.909E-13	3.520E-21	1.520E-53	3.060E-23	1.747E-01	3.941E-14	7.344E-01	5.600E-20	2.800E+03
1.904E-12	2.730E-20	1.543E-51	2.474E-22	2.164E-01	1.448E-13	6.697E-01	3.455E-19	2.900E+03
6.714E-12	1.855E-19	1.155E-49	1.715E-21	2.603E-01	4.858E-13	6.005E-01	1.871E-18	3.000E+03
2.173E-11	1.121E-18	6.736E-48	1.034E-20	3.052E-01	1.500E-12	5.291E-01	8.999E-18	3.100E+03
6.511E-11	6.090E-18	2.096E-46	5.492E-20	3.487E-01	4.297E-12	4.580E-01	3.892E-17	3.200E+03
1.819E-10	3.014E-17	1.143E-44	2.596E-19	3.893E-01	1.151E-11	3.898E-01	1.529E-16	3.300E+03
4.772E-10	1.369E-16	3.508E-43	1.104E-18	4.254E-01	2.899E-11	3.262E-01	5.515E-15	3.400E+03
1.183E-09	5.77E-16	9.011E-42	4.264E-18	4.563E-01	6.920E-11	2.689E-01	1.844E-15	3.500E+03
2.791E-09	2.271E-15	1.992E-40	1.509E-17	4.812E-01	1.573E-10	2.185E-01	5.765E-15	3.600E+03
6.294E-09	8.430E-15	3.820E-39	4.931E-17	5.004E-01	3.427E-10	1.753E-01	1.700E-14	3.700E+03
1.365E-08	2.969E-14	6.444E-38	1.499E-16	5.140E-01	7.189E-10	1.390E-01	4.771E-14	3.800E+03
2.860E-08	9.981E-14	9.729E-37	4.273E-15	5.227E-01	1.458E-09	1.092E-01	1.282E-13	3.900E+03
5.814E-08	3.221E-13	1.327E-35	1.148E-15	5.274E-01	2.673E-09	8.507E-02	3.526E-13	4.000E+03
1.151E-07	1.002E-12	1.645E-34	2.927E-15	5.290E-01	5.313E-09	6.584E-02	8.359E-13	4.100E+03
2.228E-07	3.017E-12	1.858E-33	7.122E-15	5.283E-01	1.034E-08	5.070E-02	2.054E-12	4.200E+03
4.223E-07	8.796E-12	1.954E-32	1.662E-14	5.262E-01	1.896E-08	3.893E-02	4.951E-12	4.300E+03
7.857E-07	2.495E-11	1.886E-31	3.740E-14	5.234E-01	3.407E-08	2.986E-02	1.161E-11	4.400E+03
1.437E-06	6.855E-11	1.683E-30	8.150E-14	5.202E-01	5.995E-08	2.291E-02	2.086E-11	4.500E+03
2.583E-06	1.325E-10	1.287E-29	1.728E-13	5.171E-01	1.032E-07	1.762E-02	6.102E-11	4.600E+03
4.567E-06	4.699E-10	1.053E-28	3.577E-13	5.142E-01	1.738E-07	1.360E-02	1.361E-10	4.700E+03
7.944E-06	1.168E-09	7.563E-28	7.256E-13	5.117E-01	2.855E-07	1.055E-02	2.986E-10	4.800E+03
1.359E-05	2.800E-09	4.730E-27	1.447E-12	5.096E-01	4.576E-07	8.228E-03	6.396E-10	4.900E+03
2.288E-05	6.464E-09	2.793E-26	2.843E-12	5.078E-01	7.145E-07	6.458E-03	1.345E-09	5.000E+03
3.790E-05	1.437E-08	1.517E-25	5.510E-12	5.063E-01	1.087E-06	5.102E-02	2.769E-09	5.100E+03
6.178E-05	3.079E-08	7.598E-25	1.054E-11	5.051E-01	1.614E-06	4.059E-03	5.581E-09	5.200E+03
9.912E-05	5.365E-08	3.524E-24	1.992E-11	5.041E-01	2.338E-06	3.252E-03	1.101E-08	5.300E+03
1.556E-04	1.273E-07	1.520E-23	3.718E-11	5.033E-01	3.314E-06	2.623E-03	2.127E-08	5.400E+03
2.437E-04	2.464E-07	6.127E-23	6.849E-11	5.025E-01	4.601E-06	2.130E-03	4.025E-08	5.500E+03
3.739E-04	4.632E-07	2.218E-22	1.245E-10	5.018E-01	6.269E-06	1.742E-03	7.461E-08	5.600E+03
5.654E-04	8.464E-07	8.261E-22	2.233E-10	5.011E-01	8.302E-06	1.433E-03	1.356E-07	5.700E+03
8.436E-04	1.506E-06	2.734E-21	3.952E-10	5.004E-01	1.105E-05	1.186E-03	2.415E-07	5.800E+03
1.242E-03	2.612E-06	8.896E-21	6.905E-10	4.995E-01	1.453E-05	9.879E-04	4.222E-07	5.900E+03
1.805E-03	4.422E-06	2.702E-20	1.191E-09	4.984E-01	1.830E-05	8.271E-04	7.243E-07	6.000E+03
2.590E-03	7.309E-06	7.812E-20	2.030E-09	4.971E-01	2.304E-05	6.961E-04	1.220E-06	6.100E+03
3.671E-03	1.180E-05	2.154E-19	3.418E-09	4.953E-01	2.859E-05	5.885E-04	2.016E-06	6.200E+03
5.139E-03	1.863E-05	5.674E-19	5.688E-09	4.929E-01	3.497E-05	4.999E-04	3.270E-06	6.300E+03
7.105E-03	2.875E-05	1.429E-18	9.357E-09	4.898E-01	4.219E-05	4.261E-04	5.205E-06	6.400E+03
9.703E-03	4.343E-05	3.449E-18	1.521E-08	4.858E-01	5.020E-05	3.645E-04	8.125E-06	6.500E+03
1.308E-02	6.421E-05	7.938E-18	2.441E-08	4.806E-01	5.895E-05	3.125E-04	1.243E-05	6.600E+03
1.741E-02	9.297E-05	1.730E-17	3.865E-08	4.740E-01	6.833E-05	2.687E-04	1.861E-05	6.700E+03
2.285E-02	1.319E-04	3.822E-17	6.029E-08	4.656E-01	7.824E-05	2.313E-04	2.725E-05	6.800E+03
2.958E-02	1.837E-04	7.931E-17	9.253E-08	4.554E-01	8.854E-05	1.992E-04	3.899E-05	6.900E+03
3.772E-02	2.513E-04	1.595E-16	1.395E-07	4.429E-01	9.909E-05	1.715E-04	5.438E-05	7.000E+03
4.738E-02	3.269E-04	3.114E-16	2.062E-07	4.282E-01	1.097E-04	1.475E-04	7.389E-05	7.100E+03
5.859E-02	4.445E-04	5.919E-16	2.986E-07	4.110E-01	1.203E-04	1.265E-04	9.769E-05	7.200E+03
7.130E-02	5.773E-04	1.098E-15	4.230E-07	3.916E-01	1.307E-04	1.083E-04	1.256E-04	7.300E+03
8.538E-02	7.381E-04	1.991E-15	5.857E-07	3.700E-01	1.406E-04	9.228E-05	1.569E-04	7.400E+03
1.006E-01	9.301E-04	3.536E-15	7.925E-07	3.467E-01	1.501E-04	7.829E-05	1.905E-04	7.500E+03
1.158E-01	1.156E-03	6.161E-15	1.048E-06	3.219E-01	1.588E-04	6.606E-05	2.250E-04	7.600E+03
1.334E-01	1.418E-03	1.055E-14	1.354E-06	2.963E-01	1.666E-04	5.543E-05	2.585E-04	7.700E+03
1.503E-01	1.719E-03	1.776E-14	1.713E-06	2.703E-01	1.735E-04	4.622E-05	2.897E-04	7.800E+03
1.669E-01	2.060E-03	2.945E-14	2.121E-06	2.445E-01	1.793E-04	3.830E-05	3.165E-04	7.900E+03
1.831E-01	2.442E-03	4.814E-14	2.575E-06	2.194E-01	1.841E-04	3.155E-05	3.384E-04	8.000E+03
2.128E-01	3.338E-03	1.235E-13	3.597E-06	1.729E-01	1.902E-04	2.103E-05	3.638E-04	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	4.911E-03	6.186E-01	3.240E-04	1.078E-19	1.759E-05	2.563E-04	2.149E-06	1.193E-08
8.600E+03	6.273E-03	6.284E-01	4.234E-04	3.610E-19	2.048E-05	2.224E-04	2.272E-06	1.212E-08
8.800E+03	7.859E-03	6.357E-01	5.500E-04	1.161E-18	2.337E-05	1.929E-04	2.402E-06	1.210E-08
9.000E+03	9.690E-03	6.408E-01	7.094E-04	3.589E-18	2.623E-05	1.673E-04	2.537E-06	1.192E-08
9.200E+03	1.178E-02	6.440E-01	9.079E-04	1.065E-17	2.905E-05	1.452E-04	2.675E-06	1.162E-08
9.400E+03	1.417E-02	6.457E-01	1.153E-03	3.040E-17	3.181E-05	1.262E-04	2.815E-06	1.124E-08
9.600E+03	1.686E-02	6.463E-01	1.452E-03	8.347E-17	3.452E-05	1.100E-04	2.957E-06	1.081E-08
9.800E+03	1.988E-02	6.458E-01	1.815E-03	2.209E-16	3.717E-05	9.685E-05	3.101E-06	1.034E-08
1.000E+04	2.326E-02	6.445E-01	2.251E-03	5.643E-16	3.975E-05	8.412E-05	3.245E-06	9.868E-09
1.020E+04	2.702E-02	6.425E-01	2.772E-03	1.394E-15	4.225E-05	7.388E-05	3.391E-06	9.387E-09
1.040E+04	3.117E-02	6.399E-01	3.389E-03	3.334E-15	4.466E-05	6.505E-05	3.536E-06	8.907E-09
1.060E+04	3.573E-02	6.367E-01	4.118E-03	7.738E-15	4.696E-05	5.743E-05	3.682E-06	8.434E-09
1.080E+04	4.072E-02	6.330E-01	4.971E-03	1.745E-14	4.915E-05	5.081E-05	3.828E-06	7.968E-09
1.100E+04	4.615E-02	6.287E-01	5.965E-03	3.829E-14	5.121E-05	4.506E-05	3.973E-06	7.513E-09
1.120E+04	5.201E-02	6.239E-01	7.116E-03	8.187E-14	5.312E-05	4.083E-05	4.116E-06	7.069E-09
1.140E+04	5.833E-02	6.185E-01	8.444E-03	1.798E-13	5.486E-05	3.562E-05	4.257E-06	6.636E-09
1.160E+04	6.509E-02	6.127E-01	9.966E-03	3.483E-13	5.643E-05	3.174E-05	4.396E-06	6.217E-09
1.180E+04	7.230E-02	6.062E-01	1.170E-02	6.946E-13	5.781E-05	2.832E-05	4.531E-06	5.810E-09
1.200E+04	7.994E-02	5.993E-01	1.368E-02	1.356E-12	5.898E-05	2.529E-05	4.661E-06	5.416E-09
1.220E+04	8.801E-02	5.917E-01	1.591E-02	2.596E-12	5.995E-05	2.260E-05	4.786E-06	5.036E-09
1.240E+04	9.649E-02	5.836E-01	1.843E-02	4.876E-12	6.069E-05	2.020E-05	4.905E-06	4.670E-09
1.260E+04	1.054E-01	5.749E-01	2.125E-02	8.992E-12	6.120E-05	1.806E-05	5.015E-06	4.318E-09
1.280E+04	1.146E-01	5.656E-01	2.440E-02	1.630E-11	6.149E-05	1.625E-05	5.117E-06	3.981E-09
1.300E+04	1.242E-01	5.558E-01	2.790E-02	2.905E-11	6.154E-05	1.443E-05	5.208E-06	3.659E-09
1.320E+04	1.341E-01	5.453E-01	3.177E-02	5.094E-11	6.137E-05	1.289E-05	5.288E-06	3.352E-09
1.340E+04	1.444E-01	5.342E-01	3.602E-02	8.799E-11	6.096E-05	1.150E-05	5.354E-06	3.060E-09
1.360E+04	1.549E-01	5.226E-01	4.069E-02	1.497E-10	6.034E-05	1.025E-05	5.405E-06	2.783E-09
1.380E+04	1.656E-01	5.104E-01	4.578E-02	2.511E-10	5.950E-05	9.126E-06	5.440E-06	2.523E-09
1.400E+04	1.765E-01	4.976E-01	5.129E-02	4.153E-10	5.845E-05	8.111E-06	5.458E-06	2.277E-09
1.420E+04	1.877E-01	4.842E-01	5.724E-02	6.776E-10	5.721E-05	7.186E-06	5.456E-06	2.048E-09
1.440E+04	1.989E-01	4.703E-01	6.363E-02	1.091E-09	5.579E-05	6.370E-06	5.435E-06	1.834E-09
1.460E+04	2.103E-01	4.559E-01	7.045E-02	1.735E-09	5.421E-05	5.625E-06	5.393E-06	1.635E-09
1.480E+04	2.218E-01	4.410E-01	7.769E-02	2.724E-09	5.247E-05	4.955E-06	5.329E-06	1.451E-09
1.500E+04	2.334E-01	4.257E-01	8.532E-02	4.227E-09	5.060E-05	4.361E-06	5.244E-06	1.282E-09
1.520E+04	2.449E-01	4.100E-01	9.333E-02	6.480E-09	4.861E-05	3.810E-06	5.138E-06	1.127E-09
1.540E+04	2.564E-01	3.940E-01	1.017E-01	9.821E-09	4.652E-05	3.325E-06	5.011E-06	9.858E-10
1.560E+04	2.679E-01	3.777E-01	1.103E-01	1.472E-08	4.435E-05	2.892E-06	4.864E-06	8.580E-10
1.580E+04	2.793E-01	3.612E-01	1.192E-01	2.182E-08	4.213E-05	2.586E-06	4.699E-06	7.430E-10
1.600E+04	2.906E-01	3.445E-01	1.283E-01	3.201E-08	3.986E-05	2.164E-06	4.518E-06	6.400E-10
1.620E+04	3.017E-01	3.279E-01	1.376E-01	4.648E-08	3.757E-05	1.861E-06	4.322E-06	5.483E-10
1.640E+04	3.126E-01	3.112E-01	1.470E-01	6.682E-08	3.528E-05	1.594E-06	4.115E-06	4.673E-10
1.660E+04	3.233E-01	2.947E-01	1.564E-01	9.515E-08	3.301E-05	1.360E-06	3.898E-06	3.961E-10
1.680E+04	3.337E-01	2.784E-01	1.658E-01	1.342E-07	3.076E-05	1.156E-06	3.675E-06	3.340E-10
1.700E+04	3.439E-01	2.623E-01	1.751E-01	1.876E-07	2.857E-05	9.789E-07	3.448E-06	2.802E-10
1.720E+04	3.537E-01	2.466E-01	1.843E-01	2.600E-07	2.643E-05	8.256E-07	3.220E-06	2.338E-10
1.740E+04	3.631E-01	2.313E-01	1.933E-01	3.573E-07	2.438E-05	6.938E-07	2.993E-06	1.941E-10
1.760E+04	3.722E-01	2.165E-01	2.020E-01	4.871E-07	2.240E-05	5.809E-07	2.771E-06	1.604E-10
1.780E+04	3.809E-01	2.021E-01	2.106E-01	6.587E-07	2.053E-05	4.847E-07	2.554E-06	1.320E-10
1.800E+04	3.892E-01	1.884E-01	2.188E-01	8.842E-07	1.875E-05	4.082E-07	2.345E-06	1.081E-10
1.820E+04	3.970E-01	1.753E-01	2.267E-01	1.178E-06	1.708E-05	3.344E-07	2.145E-06	8.817E-11
1.840E+04	4.045E-01	1.628E-01	2.342E-01	1.559E-06	1.551E-05	2.766E-07	1.955E-06	7.166E-11
1.860E+04	4.115E-01	1.510E-01	2.414E-01	2.050E-06	1.406E-05	2.282E-07	1.777E-06	5.804E-11
1.880E+04	4.181E-01	1.398E-01	2.481E-01	2.677E-06	1.271E-05	1.879E-07	1.610E-06	4.686E-11
1.900E+04	4.242E-01	1.293E-01	2.545E-01	3.474E-06	1.147E-05	1.544E-07	1.455E-06	3.774E-11
1.920E+04	4.300E-01	1.195E-01	2.605E-01	4.482E-06	1.033E-05	1.266E-07	1.311E-06	3.032E-11
1.940E+04	4.354E-01	1.103E-01	2.661E-01	5.750E-06	9.287E-06	1.038E-07	1.179E-06	2.431E-11
1.960E+04	4.404E-01	1.017E-01	2.713E-01	7.334E-06	8.339E-06	8.604E-08	1.059E-06	1.946E-11
1.980E+04	4.451E-01	9.375E-02	2.762E-01	9.306E-06	7.480E-06	6.947E-08	9.493E-07	1.555E-11
2.000E+04	4.494E-01	8.638E-02	2.807E-01	1.175E-05	6.703E-06	5.679E-08	8.499E-07	1.242E-11
2.020E+04	4.534E-01	7.956E-02	2.848E-01	1.476E-05	6.001E-06	4.642E-08	7.600E-07	9.914E-12
2.040E+04	4.570E-01	7.326E-02	2.887E-01	1.845E-05	5.370E-06	3.784E-08	6.791E-07	7.909E-12
2.060E+04	4.604E-01	6.746E-02	2.922E-01	2.296E-05	4.804E-06	3.102E-08	6.063E-07	6.310E-12
2.080E+04	4.636E-01	6.211E-02	2.955E-01	2.844E-05	4.296E-06	2.538E-08	5.411E-07	5.034E-12
2.100E+04	4.665E-01	5.720E-02	2.984E-01	3.509E-05	3.841E-06	2.077E-08	4.828E-07	4.018E-12
2.120E+04	4.692E-01	5.270E-02	3.012E-01	4.310E-05	3.434E-06	1.702E-08	4.307E-07	3.210E-12
2.140E+04	4.716E-01	4.856E-02	3.036E-01	5.274E-05	3.071E-06	1.395E-08	3.842E-07	2.566E-12
2.160E+04	4.739E-01	4.476E-02	3.059E-01	6.428E-05	2.748E-06	1.146E-08	3.428E-07	2.053E-12
2.180E+04	4.760E-01	4.128E-02	3.079E-01	7.805E-05	2.459E-06	9.417E-09	3.059E-07	1.645E-12
2.200E+04	4.780E-01	3.810E-02	3.098E-01	9.443E-05	2.201E-06	7.751E-09	2.731E-07	1.320E-12
2.220E+04	4.798E-01	3.518E-02	3.115E-01	1.138E-04	1.972E-06	6.389E-09	2.439E-07	1.060E-12
2.240E+04	4.815E-01	3.250E-02	3.130E-01	1.368E-04	1.768E-06	5.275E-09	2.180E-07	8.529E-13
2.260E+04	4.831E-01	3.005E-02	3.144E-01	1.638E-04	1.585E-06	4.382E-09	1.949E-07	6.874E-13
2.280E+04	4.846E-01	2.780E-02	3.156E-01	1.955E-04	1.423E-06	3.613E-09	1.744E-07	5.550E-13
2.300E+04	4.860E-01	2.574E-02	3.167E-01	2.325E-04	1.278E-06	2.908E-09	1.562E-07	4.489E-13
2.320E+04	4.874E-01	2.385E-02	3.176E-01	2.758E-04	1.149E-06	2.402E-09	1.400E-07	3.637E-13
2.340E+04	4.886E-01	2.212E-02	3.185E-01	3.261E-04	1.034E-06	2.075E-09	1.255E-07	2.953E-13
2.360E+04	4.899E-01	2.053E-02	3.192E-01	3.845E-04	9.316E-07	1.731E-09	1.127E-07	2.402E-13
2.380E+04	4.910E-01	1.907E-02	3.198E-01	4.520E-04	8.398E-07	1.446E-09	1.012E-07	1.958E-13
2.400E+04	4.922E-01	1.773E-02	3.203E-01	5.299E-04	7.578E-07	1.211E-09	9.099E-08	1.599E-13
2.420E+04	4.933E-01	1.650E-02	3.207E-01	6.195E-04	6.845E-07	1.026E-09	8.187E-08	1.308E-13
2.440E+04	4.944E-01	1.536E-02	3.210E-01	7.222E-04	6.188E-07	8.594E-10	7.373E-08	1.073E-13
2.460E+04	4.955E-01	1.432E-02	3.212E-01	8.398E-04	5.600E-07	7.184E-10	6.645E-08	8.813E-14
2.480E+04	4.966E-01	1.335E-02	3.213E-01	9.739E-04	5.073E-07	6.058E-10	5.994E-08	7.255E-14
2.500E+04	4.977E-01	1.246E-02	3.213E-01	1.127E-03	4.601E-07	5.117E-10	5.412E-08	5.984E-14



Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.380E-01	4.415E-03	3.020E-12	4.723E-06	1.330E-01	1.922E-04	1.375E-05	3.656E-04	8.400E+03
2.579E-01	5.683E-03	7.064E-13	5.896E-06	1.005E-01	1.907E-04	8.865E-06	3.467E-04	8.600E+03
2.729E-01	7.151E-03	1.587E-12	7.071E-06	7.506E-02	1.866E-04	5.670E-06	3.199E-04	8.800E+03
2.836E-01	8.832E-03	3.435E-12	8.220E-06	5.573E-02	1.807E-04	3.617E-06	2.853E-04	9.000E+03
2.906E-01	1.074E-02	7.187E-12	9.324E-06	4.130E-02	1.738E-04	2.312E-06	2.496E-04	9.200E+03
2.949E-01	1.289E-02	1.456E-11	1.038E-05	3.065E-02	1.662E-04	1.486E-06	2.155E-04	9.400E+03
2.968E-01	1.529E-02	2.866E-11	1.137E-05	2.282E-02	1.585E-04	9.618E-07	1.845E-04	9.600E+03
2.970E-01	1.797E-02	5.485E-11	1.231E-05	1.707E-02	1.508E-04	6.279E-07	1.571E-04	9.800E+03
2.958E-01	2.092E-02	1.025E-10	1.318E-05	1.284E-02	1.432E-04	4.138E-07	1.333E-04	1.000E+04
2.934E-01	2.417E-02	1.962E-10	1.398E-05	9.713E-03	1.359E-04	2.753E-07	1.128E-04	1.020E+04
2.901E-01	2.771E-02	3.212E-10	1.472E-05	7.392E-03	1.289E-04	1.849E-07	9.540E-05	1.040E+04
2.859E-01	3.155E-02	5.747E-10	1.538E-05	5.658E-03	1.221E-04	1.253E-07	8.057E-05	1.060E+04
2.810E-01	3.570E-02	9.837E-10	1.596E-05	4.354E-03	1.157E-04	8.560E-08	6.798E-05	1.080E+04
2.754E-01	4.013E-02	1.544E-09	1.645E-05	3.359E-03	1.095E-04	5.896E-08	5.732E-05	1.100E+04
2.692E-01	4.486E-02	2.703E-09	1.685E-05	2.619E-03	1.036E-04	4.091E-08	4.827E-05	1.120E+04
2.625E-01	4.985E-02	4.544E-09	1.715E-05	2.045E-03	9.786E-05	2.858E-08	4.051E-05	1.140E+04
2.553E-01	5.510E-02	6.928E-09	1.736E-05	1.603E-03	9.238E-05	2.009E-08	3.412E-05	1.160E+04
2.477E-01	6.058E-02	1.083E-08	1.747E-05	1.261E-03	8.710E-05	1.419E-08	2.861E-05	1.180E+04
2.397E-01	6.625E-02	1.667E-08	1.748E-05	9.951E-04	8.202E-05	1.008E-08	2.396E-05	1.200E+04
2.313E-01	7.209E-02	2.528E-08	1.739E-05	7.875E-04	7.711E-05	7.185E-09	2.001E-05	1.220E+04
2.226E-01	7.805E-02	3.783E-08	1.720E-05	6.248E-04	7.237E-05	5.141E-09	1.668E-05	1.240E+04
2.137E-01	8.412E-02	5.537E-08	1.692E-05	4.967E-04	6.780E-05	3.690E-09	1.387E-05	1.260E+04
2.046E-01	9.023E-02	8.146E-08	1.656E-05	3.955E-04	6.339E-05	2.656E-09	1.150E-05	1.280E+04
1.953E-01	9.634E-02	1.173E-07	1.612E-05	3.154E-04	5.914E-05	1.915E-09	9.308E-06	1.300E+04
1.860E-01	1.024E-01	1.670E-07	1.561E-05	2.518E-04	5.505E-05	1.383E-09	7.839E-06	1.320E+04
1.767E-01	1.084E-01	2.351E-07	1.504E-05	2.012E-04	5.111E-05	1.000E-09	6.444E-06	1.340E+04
1.674E-01	1.142E-01	3.273E-07	1.442E-05	1.609E-04	4.734E-05	7.236E-10	5.281E-06	1.360E+04
1.582E-01	1.198E-01	4.510E-07	1.378E-05	1.287E-04	4.373E-05	5.237E-10	4.315E-06	1.380E+04
1.491E-01	1.253E-01	6.153E-07	1.307E-05	1.030E-04	4.028E-05	3.790E-10	3.516E-06	1.400E+04
1.402E-01	1.305E-01	8.213E-07	1.236E-05	8.239E-05	3.700E-05	2.742E-10	2.856E-06	1.420E+04
1.315E-01	1.353E-01	1.113E-06	1.164E-05	6.591E-05	3.389E-05	1.982E-10	2.314E-06	1.440E+04
1.232E-01	1.399E-01	1.477E-06	1.092E-05	5.271E-05	3.094E-05	1.432E-10	1.869E-06	1.460E+04
1.152E-01	1.442E-01	1.943E-06	1.020E-05	4.214E-05	2.817E-05	1.033E-10	1.507E-06	1.480E+04
1.074E-01	1.481E-01	2.536E-06	9.492E-06	3.367E-05	2.557E-05	7.437E-11	1.211E-06	1.500E+04
1.001E-01	1.516E-01	3.284E-06	8.805E-06	2.588E-05	2.314E-05	5.345E-11	9.719E-07	1.520E+04
9.303E-02	1.548E-01	4.222E-06	8.140E-06	2.145E-05	2.087E-05	3.836E-11	7.783E-07	1.540E+04
8.537E-02	1.576E-01	5.389E-06	7.502E-06	1.710E-05	1.877E-05	2.745E-11	6.221E-07	1.560E+04
8.008E-02	1.601E-01	6.835E-06	6.804E-06	1.363E-05	1.684E-05	1.962E-11	4.965E-07	1.580E+04
7.417E-02	1.623E-01	8.614E-06	6.317E-06	1.085E-05	1.506E-05	1.398E-11	3.958E-07	1.600E+04
6.852E-02	1.641E-01	1.079E-05	5.774E-06	8.629E-06	1.343E-05	9.941E-12	3.151E-07	1.620E+04
6.343E-02	1.657E-01	1.245E-05	5.265E-06	6.859E-06	1.194E-05	7.050E-12	2.507E-07	1.640E+04
5.859E-02	1.669E-01	1.567E-05	4.790E-06	5.447E-06	1.060E-05	4.988E-12	1.993E-07	1.660E+04
5.408E-02	1.680E-01	2.056E-05	4.348E-06	4.223E-06	9.378E-06	3.521E-12	1.584E-07	1.680E+04
4.990E-02	1.688E-01	2.524E-05	3.940E-06	3.429E-06	8.281E-06	2.479E-12	1.258E-07	1.700E+04
4.602E-02	1.694E-01	3.086E-05	3.563E-06	2.718E-06	7.297E-06	1.742E-12	9.995E-08	1.720E+04
4.244E-02	1.698E-01	3.575E-05	3.217E-06	2.154E-06	6.417E-06	1.222E-12	7.942E-08	1.740E+04
3.913E-02	1.701E-01	4.558E-05	2.901E-06	1.706E-06	5.633E-06	8.552E-13	6.314E-08	1.760E+04
3.608E-02	1.702E-01	5.509E-05	2.613E-06	1.351E-06	4.938E-06	5.977E-13	5.072E-08	1.780E+04
3.328E-02	1.703E-01	6.637E-05	2.350E-06	1.070E-06	4.222E-06	4.171E-13	3.958E-08	1.800E+04
3.070E-02	1.702E-01	7.970E-05	2.112E-06	8.474E-07	3.778E-06	2.908E-13	3.186E-08	1.820E+04
2.833E-02	1.701E-01	9.543E-05	1.896E-06	6.714E-07	3.300E-06	2.026E-13	2.542E-08	1.840E+04
2.615E-02	1.699E-01	1.139E-04	1.701E-06	5.322E-07	2.880E-06	1.411E-13	2.031E-08	1.860E+04
2.416E-02	1.697E-01	1.357E-04	1.526E-06	4.221E-07	2.512E-06	9.823E-14	1.625E-08	1.880E+04
2.233E-02	1.694E-01	1.611E-04	1.368E-06	3.351E-07	2.190E-06	6.841E-14	1.302E-08	1.900E+04
2.066E-02	1.691E-01	1.909E-04	1.226E-06	2.663E-07	1.909E-06	4.766E-14	1.045E-08	1.920E+04
1.912E-02	1.688E-01	2.256E-04	1.099E-06	2.118E-07	1.663E-06	3.323E-14	8.409E-09	1.940E+04
1.771E-02	1.685E-01	2.659E-04	9.849E-07	1.687E-07	1.450E-06	2.319E-14	6.776E-09	1.960E+04
1.643E-02	1.682E-01	3.128E-04	8.827E-07	1.346E-07	1.264E-06	1.621E-14	5.472E-09	1.980E+04
1.524E-02	1.679E-01	3.671E-04	7.914E-07	1.075E-07	1.102E-06	1.135E-14	4.428E-09	2.000E+04
1.416E-02	1.676E-01	4.298E-04	7.097E-07	8.607E-08	9.618E-07	7.960E-15	3.590E-09	2.020E+04
1.317E-02	1.673E-01	5.022E-04	6.367E-07	5.900E-08	8.397E-07	5.595E-15	2.918E-09	2.040E+04
1.225E-02	1.670E-01	5.854E-04	5.715E-07	5.543E-08	7.335E-07	3.942E-15	2.376E-09	2.060E+04
1.142E-02	1.667E-01	6.810E-04	5.132E-07	4.461E-08	5.413E-07	2.784E-15	1.939E-09	2.080E+04
1.065E-02	1.664E-01	7.905E-04	4.611E-07	3.598E-08	5.611E-07	1.972E-15	1.586E-09	2.100E+04
9.938E-03	1.661E-01	9.156E-04	4.146E-07	2.908E-08	4.914E-07	1.400E-15	1.300E-09	2.120E+04
9.285E-03	1.658E-01	1.058E-03	3.730E-07	2.355E-08	4.308E-07	9.973E-16	1.068E-09	2.140E+04
8.684E-03	1.655E-01	1.220E-03	3.358E-07	1.912E-08	3.780E-07	7.125E-16	8.795E-10	2.160E+04
8.129E-03	1.651E-01	1.404E-03	3.025E-07	1.555E-08	3.320E-07	5.106E-16	7.255E-10	2.180E+04
7.616E-03	1.648E-01	1.613E-03	2.728E-07	1.268E-08	2.919E-07	3.671E-16	5.977E-10	2.200E+04
7.143E-03	1.644E-01	1.848E-03	2.461E-07	1.036E-08	2.569E-07	2.648E-16	4.967E-10	2.220E+04
6.704E-03	1.640E-01	2.113E-03	2.222E-07	8.481E-09	2.263E-07	1.916E-16	4.122E-10	2.240E+04
6.297E-03	1.636E-01	2.411E-03	2.008E-07	6.939E-09	1.996E-07	1.391E-16	3.426E-10	2.260E+04
5.920E-03	1.631E-01	2.745E-03	1.816E-07	5.723E-09	1.762E-07	1.013E-16	2.854E-10	2.280E+04
5.569E-03	1.626E-01	3.119E-03	1.643E-07	4.716E-09	1.557E-07	7.403E-17	2.381E-10	2.300E+04
5.243E-03	1.621E-01	3.536E-03	1.478E-07	3.895E-09	1.377E-07	5.427E-17	1.989E-10	2.320E+04
4.940E-03	1.615E-01	4.000E-03	1.348E-07	3.223E-09	1.219E-07	3.991E-17	1.565E-10	2.340E+04
4.656E-03	1.609E-01	4.514E-03	1.222E-07	2.672E-09	1.080E-07	2.945E-17	1.395E-10	2.360E+04
4.392E-03	1.602E-01	5.084E-03	1.109E-07	2.219E-09	9.380E-08	2.179E-17	1.171E-10	2.380E+04
4.144E-03	1.594E-01	5.713E-03	1.007E-07	1.847E-09	8.503E-08	1.618E-17	9.837E-11	2.400E+04
3.913E-03	1.586E-01	6.406E-03	9.146E-08	1.540E-09	7.553E-08	1.205E-17	8.274E-11	2.420E+04
3.695E-03	1.577E-01	7.166E-03	8.313E-08	1.286E-09	6.713E-08	8.996E-18	6.968E-11	2.440E+04
3.492E-03	1.567E-01	7.999E-03	7.559E-08	1.076E-09	5.971E-08	6.737E-18	5.873E-11	2.460E+04
3.300E-03	1.556E-01	8.907E-03	6.877E-08	9.014E-10	5.313E-08	5.059E-18	4.954E-11	2.480E+04
3.119E-03	1.544E-01	9.896E-03	6.259E-08	7.563E-10	4.731E-08	3.809E-18	4.182E-11	2.500E+04



Table II. - Continued.

P/PO = 6.00E+00

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	3.112E-68	0.	0.	0.	5.185E-11	1.760E-18	0.
3.000E+02	0.	1.452E-46	1.286E-80	0.	0.	5.592E-11	1.760E-18	0.
4.000E+02	0.	9.911E-36	3.410E-63	0.	0.	5.021E-11	1.760E-18	0.
5.000E+02	0.	3.354E-29	9.800E-53	0.	0.	4.956E-11	1.760E-18	0.
6.000E+02	1.837E-94	7.760E-25	9.391E-46	0.	0.	4.950E-11	1.760E-18	0.
7.000E+02	7.925E-80	1.044E-21	9.153E-41	0.	1.577E-90	5.063E-11	1.760E-18	7.137E-83
8.000E+02	3.309E-68	4.814E-19	2.485E-37	0.	1.027E-77	2.175E-10	1.760E-18	1.172E-71
9.000E+02	2.396E-58	1.448E-16	4.635E-35	0.	1.552E-66	4.332E-09	1.760E-18	2.548E-61
1.000E+03	2.141E-50	1.485E-14	2.879E-33	0.	1.635E-57	5.347E-08	1.760E-18	6.024E-53
1.100E+03	7.026E-44	6.592E-13	8.471E-32	0.	3.968E-50	4.189E-07	1.760E-18	4.298E-46
1.200E+03	1.922E-38	1.558E-11	1.425E-30	0.	5.657E-44	2.324E-06	1.760E-18	2.202E-40
1.300E+03	7.769E-34	2.268E-10	1.559E-29	0.	9.096E-39	9.888E-06	1.760E-18	1.485E-35
1.400E+03	6.973E-30	2.253E-09	1.215E-28	0.	2.638E-34	3.414E-05	1.760E-18	2.041E-31
1.500E+03	1.890E-26	1.650E-08	7.226E-28	0.	1.940E-30	9.974E-05	1.760E-18	7.843E-28
1.600E+03	1.904E-23	9.419E-08	3.446E-27	0.	4.681E-27	2.544E-04	1.760E-18	1.070E-24
1.700E+03	8.557E-21	4.383E-07	1.372E-26	0.	4.486E-24	5.802E-04	1.769E-18	6.192E-22
1.800E+03	1.155E-18	1.719E-06	8.009E-26	0.	1.177E-21	1.285E-03	3.018E-18	1.036E-19
1.900E+03	1.948E-17	5.835E-06	1.874E-24	0.	3.571E-20	2.312E-03	2.336E-17	2.096E-18
2.000E+03	1.794E-16	1.752E-05	4.428E-23	0.	5.536E-19	4.144E-03	2.042E-16	2.252E-17
2.100E+03	1.301E-15	4.730E-05	7.993E-22	1.690E-89	6.386E-18	7.080E-03	1.495E-15	1.861E-16
2.200E+03	7.853E-15	1.165E-04	1.116E-20	2.970E-85	5.837E-17	1.122E-02	9.164E-15	1.252E-15
2.300E+03	4.050E-14	2.645E-04	1.245E-19	2.252E-81	4.363E-16	1.716E-02	4.798E-14	7.051E-15
2.400E+03	1.819E-13	5.591E-04	1.138E-18	8.183E-78	2.732E-15	2.515E-02	2.185E-13	3.393E-14
2.500E+03	7.230E-13	1.109E-03	8.734E-18	1.556E-74	1.462E-14	3.544E-02	8.791E-13	1.418E-13
2.600E+03	2.577E-12	2.075E-03	5.742E-17	1.670E-71	6.795E-14	4.812E-02	3.164E-12	5.216E-13
2.700E+03	8.326E-12	3.686E-03	3.287E-16	1.070E-68	2.781E-13	6.309E-02	1.030E-11	1.709E-12
2.800E+03	2.463E-11	6.240E-03	1.663E-15	4.425E-66	1.014E-12	8.000E-02	3.064E-11	5.030E-12
2.900E+03	6.725E-11	1.011E-02	7.530E-15	1.210E-63	3.329E-12	9.821E-02	8.385E-11	1.341E-11
3.000E+03	1.707E-10	1.572E-02	3.084E-14	2.297E-61	9.918E-12	1.169E-01	1.27E-10	3.267E-11
3.100E+03	4.050E-10	2.355E-02	1.154E-13	3.141E-59	2.701E-11	1.349E-01	5.033E-10	7.281E-11
3.200E+03	9.036E-10	3.404E-02	3.974E-13	3.190E-57	6.773E-11	1.513E-01	1.117E-09	1.499E-10
3.300E+03	1.904E-09	4.762E-02	1.270E-12	2.476E-55	1.572E-10	1.649E-01	2.336E-09	2.861E-10
3.400E+03	3.807E-09	6.459E-02	3.792E-12	1.504E-53	3.397E-10	1.749E-01	4.625E-09	5.083E-10
3.500E+03	7.246E-09	8.511E-02	1.064E-11	7.314E-52	6.862E-10	1.807E-01	8.703E-09	8.441E-10
3.600E+03	1.318E-09	1.092E-01	2.818E-11	2.900E-50	1.302E-09	1.819E-01	1.562E-08	1.315E-09
3.700E+03	2.296E-08	1.365E-01	7.082E-11	9.548E-49	2.328E-09	1.787E-01	2.683E-08	1.928E-09
3.800E+03	3.844E-08	1.665E-01	1.696E-10	2.645E-47	3.939E-09	1.714E-01	4.423E-08	2.670E-09
3.900E+03	6.200E-08	1.986E-01	3.881E-10	6.261E-46	6.326E-09	1.606E-01	7.012E-08	3.500E-09
4.000E+03	9.659E-08	2.318E-01	8.521E-10	1.280E-44	9.673E-09	1.471E-01	1.072E-07	4.357E-09
4.100E+03	1.457E-07	2.650E-01	1.799E-09	2.286E-43	1.413E-08	1.319E-01	1.583E-07	5.167E-09
4.200E+03	2.134E-07	2.973E-01	3.660E-09	3.594E-42	1.979E-08	1.169E-01	2.262E-07	5.859E-09
4.300E+03	3.043E-07	3.278E-01	7.191E-09	5.013E-41	2.666E-08	9.902E-02	3.133E-07	6.378E-09
4.400E+03	4.238E-07	3.556E-01	1.366E-08	6.240E-40	3.474E-08	8.477E-02	4.215E-07	6.699E-09
4.500E+03	5.784E-07	3.803E-01	2.513E-08	6.963E-39	4.395E-08	7.092E-02	5.513E-07	6.828E-09
4.600E+03	7.764E-07	4.017E-01	4.478E-08	6.990E-38	5.429E-08	5.866E-02	7.021E-07	6.793E-09
4.700E+03	1.029E-06	4.198E-01	7.733E-08	6.327E-37	6.580E-08	4.821E-02	8.717E-07	6.640E-09
4.800E+03	1.351E-06	4.349E-01	1.294E-07	5.175E-36	7.868E-08	3.923E-02	1.056E-06	6.415E-09
4.900E+03	1.763E-06	4.473E-01	2.101E-07	3.831E-35	9.321E-08	3.188E-02	1.249E-06	6.159E-09
5.000E+03	2.293E-06	4.574E-01	3.308E-07	2.574E-34	1.098E-07	2.588E-02	1.445E-06	5.904E-09
5.100E+03	2.977E-06	4.655E-01	5.059E-07	1.574E-33	1.291E-07	2.102E-02	1.636E-06	5.670E-09
5.200E+03	3.864E-06	4.719E-01	7.520E-07	8.793E-33	1.517E-07	1.710E-02	1.816E-06	5.470E-09
5.300E+03	5.016E-06	4.772E-01	1.089E-06	4.511E-32	1.783E-07	1.306E-02	1.980E-06	5.307E-09
5.400E+03	6.511E-06	4.813E-01	1.539E-06	2.137E-31	2.097E-07	1.144E-02	2.125E-06	5.181E-09
5.500E+03	8.449E-06	4.847E-01	2.127E-06	9.393E-31	2.469E-07	9.410E-03	2.250E-06	5.089E-09
5.600E+03	1.095E-05	4.874E-01	2.881E-06	3.854E-30	2.909E-07	7.779E-03	2.353E-06	5.030E-09
5.700E+03	1.418E-05	4.897E-01	3.831E-06	1.483E-29	3.427E-07	6.463E-03	2.436E-06	5.000E-09
5.800E+03	1.832E-05	4.915E-01	5.009E-06	5.376E-29	4.038E-07	5.397E-03	2.500E-06	4.996E-09
5.900E+03	2.362E-05	4.931E-01	6.449E-06	1.842E-28	4.758E-07	4.581E-03	2.545E-06	5.019E-09
6.000E+03	3.040E-05	4.945E-01	8.182E-06	5.986E-28	5.607E-07	3.823E-03	2.572E-06	5.068E-09
6.100E+03	3.906E-05	4.958E-01	1.024E-05	1.850E-27	6.608E-07	3.243E-03	2.583E-06	5.144E-09
6.200E+03	5.011E-05	4.970E-01	1.265E-05	5.446E-27	7.792E-07	2.785E-03	2.577E-06	5.250E-09
6.300E+03	6.419E-05	4.983E-01	1.543E-05	1.532E-26	9.195E-07	2.370E-03	2.557E-06	5.388E-09
6.400E+03	8.214E-05	4.996E-01	1.860E-05	4.122E-26	1.086E-06	2.042E-03	2.524E-06	5.561E-09
6.500E+03	1.050E-04	5.011E-01	2.217E-05	1.064E-25	1.284E-06	1.770E-03	2.480E-06	5.773E-09
6.600E+03	1.340E-04	5.029E-01	2.616E-05	2.641E-25	1.520E-06	1.542E-03	2.428E-06	6.027E-09
6.700E+03	1.707E-04	5.051E-01	3.059E-05	6.322E-25	1.801E-06	1.351E-03	2.369E-06	6.326E-09
6.800E+03	2.170E-04	5.077E-01	3.549E-05	1.464E-24	2.134E-06	1.180E-03	2.309E-06	6.672E-09
6.900E+03	2.751E-04	5.108E-01	4.090E-05	3.288E-24	2.527E-06	1.065E-03	2.248E-06	7.067E-09
7.000E+03	3.473E-04	5.145E-01	4.689E-05	7.193E-24	2.990E-06	9.412E-04	2.192E-06	7.511E-09
7.100E+03	4.365E-04	5.190E-01	5.356E-05	1.537E-23	3.530E-06	8.486E-04	2.141E-06	8.003E-09
7.200E+03	5.454E-04	5.241E-01	6.104E-05	3.220E-23	4.156E-06	7.625E-04	2.099E-06	8.542E-09
7.300E+03	6.772E-04	5.299E-01	6.948E-05	6.631E-23	4.874E-06	6.924E-04	2.067E-06	9.121E-09
7.400E+03	8.349E-04	5.365E-01	7.906E-05	1.346E-22	5.691E-06	6.323E-04	2.046E-06	9.734E-09
7.500E+03	1.021E-03	5.437E-01	9.000E-05	2.697E-22	6.608E-06	5.803E-04	2.036E-06	1.037E-08
7.600E+03	1.240E-03	5.514E-01	1.025E-04	5.346E-22	7.628E-06	5.349E-04	2.037E-06	1.102E-08
7.700E+03	1.492E-03	5.594E-01	1.170E-04	1.049E-21	8.748E-06	4.950E-04	2.049E-06	1.167E-08
7.800E+03	1.782E-03	5.677E-01	1.336E-04	2.042E-21	9.963E-06	4.504E-04	2.071E-06	1.231E-08
7.900E+03	2.110E-03	5.740E-01	1.526E-04	3.938E-21	1.127E-05	4.273E-04	2.102E-06	1.292E-08
8.000E+03	2.479E-03	5.842E-01	1.746E-04	7.533E-21	1.265E-05	3.982E-04	2.141E-06	1.348E-08
8.200E+03	3.347E-03	5.996E-01	2.285E-04	2.687E-20	1.560E-05	3.486E-04	2.239E-06	1.444E-08

Table II. - Continued.

P/P0 = 6.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.527E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	9.556E-41	5.448E-41	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.150E-28	2.398E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	5.504E-21	5.500E-48	1.000E+00	0.	5.000E+02
6.468E-80	6.644E-81	0.	0.	4.783E-16	9.532E-40	1.000E+00	0.	6.000E+02
4.384E-66	4.884E-68	0.	0.	1.591E-12	7.067E-34	1.000E+00	1.220E-92	7.000E+02
2.465E-56	1.234E-59	0.	0.	3.376E-10	2.053E-30	1.000E+00	1.126E-78	8.000E+02
1.479E-49	1.035E-54	0.	0.	8.568E-09	6.226E-29	1.000E+00	1.994E-69	9.000E+02
3.490E-44	7.156E-51	0.	0.	1.066E-07	7.951E-28	1.000E+00	3.925E-62	1.000E+03
8.671E-40	9.859E-48	0.	5.307E-74	8.377E-07	6.348E-27	1.000E+00	3.617E-56	1.100E+03
3.999E-36	4.094E-45	0.	1.784E-69	4.649E-06	3.585E-26	1.000E+00	3.382E-51	1.200E+03
5.049E-33	6.757E-43	0.	2.925E-62	1.978E-05	1.552E-25	1.000E+00	5.438E-47	1.300E+03
2.303E-30	5.400E-41	0.	4.467E-56	6.828E-05	5.450E-25	9.999E-01	2.194E-43	1.400E+03
4.649E-28	2.612E-39	2.565E-95	1.021E-50	1.995E-04	1.620E-24	9.997E-01	2.926E-40	1.500E+03
4.839E-26	6.737E-38	1.092E-91	4.977E-46	5.089E-04	4.202E-24	9.992E-01	1.587E-37	1.600E+03
2.919E-24	1.281E-36	1.765E-88	6.796E-42	1.161E-03	9.797E-24	9.983E-01	4.106E-35	1.700E+03
1.117E-22	2.990E-35	3.645E-85	1.890E-38	2.412E-03	3.534E-23	9.964E-01	5.728E-33	1.800E+03
2.915E-21	2.412E-33	7.805E-81	4.740E-36	4.630E-03	5.349E-22	9.931E-01	4.749E-31	1.900E+03
5.490E-20	1.742E-31	1.191E-76	4.924E-34	8.305E-03	8.551E-21	9.875E-01	2.519E-29	2.000E+03
7.813E-19	8.662E-30	7.756E-73	3.178E-32	1.405E-02	1.081E-19	9.789E-01	9.207E-26	2.100E+03
8.729E-18	3.041E-28	2.311E-69	1.391E-30	2.256E-02	1.090E-18	9.661E-01	2.412E-26	2.200E+03
7.896E-17	7.856E-27	3.473E-66	4.353E-29	3.459E-02	9.022E-18	9.480E-01	4.743E-25	2.300E+03
5.934E-16	1.559E-25	2.866E-63	1.014E-27	5.087E-02	6.251E-17	9.234E-01	7.246E-24	2.400E+03
3.787E-15	2.443E-24	1.396E-60	1.820E-26	7.199E-02	3.705E-16	8.915E-01	8.855E-23	2.500E+03
2.089E-14	3.115E-23	4.269E-58	2.592E-25	9.832E-02	1.911E-15	8.515E-01	8.870E-22	2.600E+03
1.012E-13	3.292E-22	8.649E-56	2.998E-24	1.299E-01	8.706E-15	8.034E-01	7.437E-21	2.700E+03
4.365E-13	2.960E-21	1.212E-53	2.878E-23	1.662E-01	3.531E-14	7.475E-01	5.513E-20	2.800E+03
1.695E-12	2.294E-20	1.224E-51	2.333E-22	2.065E-01	1.305E-13	6.851E-01	3.286E-19	2.900E+03
5.984E-12	1.558E-19	9.208E-50	1.623E-21	2.495E-01	4.382E-13	6.179E-01	1.783E-18	3.000E+03
1.939E-11	9.399E-19	5.321E-48	9.826E-21	2.934E-01	1.335E-12	5.481E-01	8.599E-18	3.100E+03
5.817E-11	5.099E-18	2.425E-46	5.239E-20	3.367E-01	3.385E-12	4.780E-01	3.727E-17	3.200E+03
1.627E-10	2.515E-17	8.889E-45	2.488E-19	3.775E-01	1.041E-11	4.099E-01	1.457E-15	3.300E+03
4.270E-10	1.139E-16	2.711E-45	1.063E-18	4.145E-01	2.625E-11	3.460E-01	5.300E-16	3.400E+03
1.059E-09	4.776E-16	6.912E-42	4.126E-18	4.465E-01	6.265E-11	2.877E-01	1.773E-15	3.500E+03
2.497E-09	1.872E-15	1.511E-40	1.467E-17	4.730E-01	1.423E-10	2.359E-01	5.541E-15	3.600E+03
5.628E-09	6.903E-15	2.864E-39	4.815E-17	4.939E-01	3.098E-10	1.910E-01	1.632E-14	3.700E+03
1.219E-08	2.413E-14	4.775E-38	1.470E-16	5.092E-01	6.485E-10	1.529E-01	4.563E-14	3.800E+03
2.547E-08	8.045E-14	7.096E-37	4.205E-16	5.197E-01	1.312E-09	1.212E-01	1.221E-13	3.900E+03
5.161E-08	2.572E-13	9.317E-36	1.133E-15	5.259E-01	2.576E-09	9.527E-02	3.146E-13	4.000E+03
1.018E-07	7.921E-13	1.161E-34	2.896E-15	5.287E-01	4.924E-09	7.439E-02	7.852E-13	4.100E+03
1.960E-07	2.358E-12	1.297E-33	7.057E-15	5.290E-01	9.191E-09	5.777E-02	1.908E-12	4.200E+03
3.697E-07	6.805E-12	1.333E-32	1.648E-14	5.276E-01	1.678E-08	4.471E-02	4.534E-12	4.300E+03
6.840E-07	1.904E-11	1.267E-31	3.706E-14	5.251E-01	3.003E-08	3.453E-02	1.056E-11	4.400E+03
1.244E-06	5.191E-11	1.115E-30	8.064E-14	5.221E-01	5.264E-08	2.667E-02	2.415E-11	4.500E+03
2.224E-06	1.371E-10	9.089E-30	1.705E-13	5.190E-01	9.041E-08	2.062E-02	5.429E-11	4.600E+03
3.912E-06	3.503E-10	6.854E-29	3.516E-13	5.161E-01	1.520E-07	1.599E-02	1.199E-10	4.700E+03
6.775E-06	8.688E-10	4.774E-28	7.098E-13	5.134E-01	2.498E-07	1.245E-02	2.601E-10	4.800E+03
1.155E-05	2.079E-09	3.068E-27	1.407E-12	5.111E-01	4.009E-07	9.740E-03	5.539E-10	4.900E+03
1.938E-05	4.799E-09	1.818E-26	2.745E-12	5.091E-01	6.280E-07	7.665E-03	1.575E-09	5.000E+03
3.200E-05	1.069E-08	9.930E-26	5.283E-12	5.074E-01	9.595E-07	6.068E-03	2.359E-09	5.100E+03
5.204E-05	2.295E-08	5.013E-25	1.004E-11	5.051E-01	1.431E-06	4.836E-03	4.712E-09	5.200E+03
8.334E-05	4.762E-08	2.345E-24	1.883E-11	5.049E-01	2.083E-06	3.879E-03	9.342E-09	5.300E+03
1.315E-04	9.552E-08	1.020E-23	3.492E-11	5.039E-01	2.967E-06	3.133E-03	1.799E-08	5.400E+03
2.044E-04	1.856E-07	4.147E-23	6.392E-11	5.031E-01	4.139E-06	2.547E-03	3.396E-08	5.500E+03
3.132E-04	3.502E-07	1.582E-22	1.156E-10	5.024E-01	5.664E-06	2.084E-03	6.283E-08	5.600E+03
4.734E-04	6.422E-07	5.682E-22	2.062E-10	5.016E-01	7.615E-06	1.715E-03	1.140E-07	5.700E+03
7.058E-04	1.147E-06	1.930E-21	3.633E-10	5.009E-01	1.007E-05	1.421E-03	2.029E-07	5.800E+03
1.039E-03	1.997E-06	6.217E-21	6.320E-10	5.001E-01	1.311E-05	1.184E-03	3.545E-07	5.900E+03
1.510E-03	3.395E-06	1.904E-20	1.086E-09	4.991E-01	1.682E-05	9.916E-04	6.081E-07	6.000E+03
2.167E-03	5.636E-06	5.553E-20	1.842E-09	4.979E-01	2.127E-05	8.349E-04	1.024E-06	6.100E+03
3.072E-03	9.146E-06	1.546E-19	3.089E-09	4.964E-01	2.652E-05	7.064E-04	1.694E-06	6.200E+03
4.304E-03	1.451E-05	4.111E-19	5.121E-09	4.943E-01	3.262E-05	1.003E-04	2.752E-06	6.300E+03
5.957E-03	2.253E-05	1.047E-18	8.394E-09	4.917E-01	3.958E-05	5.122E-04	4.390E-06	6.400E+03
8.147E-03	3.424E-05	2.553E-18	1.360E-08	4.883E-01	4.738E-05	4.385E-04	6.874E-06	6.500E+03
1.101E-02	5.096E-05	5.980E-18	2.177E-08	4.838E-01	5.598E-05	3.766E-04	1.056E-05	6.600E+03
1.469E-02	7.429E-05	1.347E-17	3.442E-08	4.782E-01	6.530E-05	3.242E-04	1.590E-05	6.700E+03
1.934E-02	1.062E-04	2.924E-17	5.368E-08	4.710E-01	7.525E-05	2.796E-04	2.344E-05	6.800E+03
2.514E-02	1.489E-04	6.130E-17	8.248E-08	4.522E-01	8.570E-05	2.414E-04	2.380E-05	6.900E+03
3.222E-02	2.049E-04	1.244E-16	1.247E-07	4.513E-01	9.650E-05	2.085E-04	4.761E-05	7.000E+03
4.070E-02	2.770E-04	2.450E-16	1.851E-07	4.384E-01	1.075E-04	1.799E-04	6.544E-05	7.100E+03
5.066E-02	3.581E-04	4.693E-16	2.697E-07	4.231E-01	1.186E-04	1.551E-04	8.765E-05	7.200E+03
6.210E-02	4.813E-04	8.762E-16	3.849E-07	4.056E-01	1.296E-04	1.334E-04	1.143E-04	7.300E+03
7.496E-02	6.197E-04	1.598E-15	5.378E-07	3.860E-01	1.403E-04	1.144E-04	1.41E-04	7.400E+03
8.909E-01	7.861E-04	2.853E-15	7.350E-07	3.643E-01	1.506E-04	9.767E-05	1.71E-04	7.500E+03
1.043E-01	9.834E-04	4.993E-15	9.824E-07	3.410E-01	1.602E-04	8.303E-05	2.154E-04	7.600E+03
1.202E-01	1.214E-03	8.580E-15	1.284E-06	3.165E-01	1.691E-04	7.022E-05	2.520E-04	7.700E+03
1.356E-01	1.480E-03	1.449E-14	1.643E-06	2.913E-01	1.772E-04	5.905E-05	2.873E-04	7.800E+03
1.531E-01	1.784E-03	2.410E-14	2.059E-06	2.658E-01	1.842E-04	4.938E-05	3.196E-04	7.900E+03
1.694E-01	2.127E-03	3.948E-14	2.529E-06	2.407E-01	1.901E-04	4.104E-05	3.474E-04	8.000E+03
2.000E-01	2.936E-03	1.017E-13	3.611E-06	1.929E-01	1.987E-04	2.786E-05	3.855E-04	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	4.397E-03	6.130E-01	2.988E-04	9.258E-20	1.873E-05	3.021E-04	2.357E-06	1.511E-08
8.600E+03	5.643E-03	6.238E-01	3.894E-04	3.075E-19	2.195E-05	2.631E-04	2.489E-06	1.548E-08
8.800E+03	7.099E-03	6.322E-01	5.047E-04	9.832E-19	2.519E-05	2.289E-04	2.630E-06	1.557E-08
9.000E+03	8.780E-03	6.382E-01	6.498E-04	3.023E-18	2.841E-05	1.991E-04	2.778E-06	1.543E-08
9.200E+03	1.071E-02	6.423E-01	8.306E-04	8.940E-18	3.158E-05	1.733E-04	2.929E-06	1.512E-08
9.400E+03	1.290E-02	6.447E-01	1.054E-03	2.543E-17	3.470E-05	1.510E-04	3.083E-06	1.469E-08
9.600E+03	1.537E-02	6.459E-01	1.324E-03	6.968E-17	3.775E-05	1.318E-04	3.239E-06	1.417E-08
9.800E+03	1.816E-02	6.460E-01	1.656E-03	1.840E-16	4.074E-05	1.153E-04	3.397E-06	1.361E-08
1.000E+04	2.127E-02	6.452E-01	2.054E-03	4.693E-16	4.365E-05	1.011E-04	3.557E-06	1.302E-08
1.020E+04	2.473E-02	6.436E-01	2.528E-03	1.158E-15	4.648E-05	8.895E-05	3.717E-06	1.241E-08
1.040E+04	2.856E-02	6.414E-01	3.090E-03	2.765E-15	4.921E-05	7.843E-05	3.878E-06	1.181E-08
1.060E+04	3.277E-02	6.386E-01	3.753E-03	6.409E-15	5.184E-05	6.933E-05	4.040E-06	1.120E-08
1.080E+04	3.738E-02	6.353E-01	4.529E-03	1.443E-14	5.434E-05	6.143E-05	4.201E-06	1.061E-08
1.100E+04	4.240E-02	6.315E-01	5.433E-03	3.163E-14	5.671E-05	5.454E-05	4.361E-06	1.003E-08
1.120E+04	4.784E-02	6.271E-01	6.480E-03	6.755E-14	5.893E-05	4.853E-05	4.521E-06	9.459E-09
1.140E+04	5.371E-02	6.222E-01	7.687E-03	1.408E-13	6.098E-05	4.325E-05	4.678E-06	8.940E-09
1.160E+04	6.000E-02	6.168E-01	9.070E-03	2.865E-13	6.284E-05	3.881E-05	4.833E-06	8.364E-09
1.180E+04	6.672E-02	6.109E-01	1.065E-02	5.706E-13	6.451E-05	3.451E-05	4.985E-06	7.840E-09
1.200E+04	7.387E-02	6.044E-01	1.244E-02	1.113E-12	6.597E-05	3.087E-05	5.132E-06	7.332E-09
1.220E+04	8.143E-02	5.975E-01	1.447E-02	2.127E-12	6.720E-05	2.764E-05	5.274E-06	6.841E-09
1.240E+04	8.940E-02	5.899E-01	1.676E-02	3.988E-12	6.820E-05	2.437E-05	5.410E-06	6.366E-09
1.260E+04	9.775E-02	5.819E-01	1.932E-02	7.343E-12	6.896E-05	2.270E-05	5.538E-06	5.909E-09
1.280E+04	1.065E-01	5.732E-01	2.218E-02	1.329E-11	6.947E-05	1.990E-05	5.657E-06	5.470E-09
1.300E+04	1.156E-01	5.640E-01	2.536E-02	2.365E-11	6.973E-05	1.783E-05	5.766E-06	5.049E-09
1.320E+04	1.250E-01	5.542E-01	2.888E-02	4.142E-11	6.974E-05	1.588E-05	5.863E-06	4.646E-09
1.340E+04	1.347E-01	5.439E-01	3.275E-02	7.143E-11	6.950E-05	1.431E-05	5.947E-06	4.262E-09
1.360E+04	1.447E-01	5.330E-01	3.700E-02	1.214E-10	6.902E-05	1.280E-05	6.016E-06	3.897E-09
1.380E+04	1.550E-01	5.215E-01	4.164E-02	2.034E-10	6.830E-05	1.144E-05	6.069E-06	3.551E-09
1.400E+04	1.655E-01	5.095E-01	4.668E-02	3.360E-10	6.734E-05	1.021E-05	6.104E-06	3.224E-09
1.420E+04	1.762E-01	4.969E-01	5.214E-02	5.477E-10	6.616E-05	9.084E-06	6.120E-06	2.916E-09
1.440E+04	1.871E-01	4.838E-01	5.800E-02	8.813E-10	6.478E-05	8.089E-06	6.115E-06	2.628E-09
1.460E+04	1.981E-01	4.702E-01	6.428E-02	1.400E-09	6.320E-05	7.180E-06	6.089E-06	2.359E-09
1.480E+04	2.093E-01	4.561E-01	7.096E-02	2.198E-09	6.143E-05	6.359E-06	6.041E-06	2.108E-09
1.500E+04	2.205E-01	4.415E-01	7.804E-02	3.409E-09	5.951E-05	5.617E-06	5.970E-06	1.876E-09
1.520E+04	2.318E-01	4.266E-01	8.549E-02	5.226E-09	5.744E-05	4.949E-06	5.876E-06	1.662E-09
1.540E+04	2.431E-01	4.112E-01	9.329E-02	7.922E-09	5.524E-05	4.367E-06	5.759E-06	1.466E-09
1.560E+04	2.544E-01	3.956E-01	1.014E-01	1.188E-08	5.293E-05	3.807E-06	5.621E-06	1.287E-09
1.580E+04	2.656E-01	3.797E-01	1.098E-01	1.762E-08	5.054E-05	3.323E-06	5.461E-06	1.124E-09
1.600E+04	2.768E-01	3.636E-01	1.185E-01	2.586E-08	4.808E-05	2.831E-06	5.282E-06	9.775E-10
1.620E+04	2.878E-01	3.474E-01	1.273E-01	3.757E-08	4.557E-05	2.506E-06	5.085E-06	8.456E-10
1.640E+04	2.987E-01	3.311E-01	1.363E-01	5.406E-08	4.304E-05	2.185E-06	4.873E-06	7.277E-10
1.660E+04	3.095E-01	3.149E-01	1.454E-01	7.705E-08	4.050E-05	1.763E-06	4.648E-06	6.232E-10
1.680E+04	3.200E-01	2.987E-01	1.546E-01	1.088E-07	3.798E-05	1.597E-06	4.413E-06	5.309E-10
1.700E+04	3.302E-01	2.827E-01	1.637E-01	1.523E-07	3.548E-05	1.365E-06	4.171E-06	4.501E-10
1.720E+04	3.402E-01	2.670E-01	1.728E-01	2.113E-07	3.304E-05	1.161E-06	3.924E-06	3.796E-10
1.740E+04	3.499E-01	2.516E-01	1.818E-01	2.907E-07	3.066E-05	9.849E-07	3.675E-06	3.187E-10
1.760E+04	3.593E-01	2.365E-01	1.906E-01	3.967E-07	2.835E-05	8.323E-07	3.427E-06	2.682E-10
1.780E+04	3.683E-01	2.219E-01	1.992E-01	5.372E-07	2.614E-05	7.089E-07	3.183E-06	2.214E-10
1.800E+04	3.769E-01	2.078E-01	2.076E-01	7.219E-07	2.403E-05	5.884E-07	2.944E-06	1.833E-10
1.820E+04	3.851E-01	1.942E-01	2.157E-01	9.632E-07	2.202E-05	4.924E-07	2.713E-06	1.511E-10
1.840E+04	3.930E-01	1.812E-01	2.235E-01	1.276E-06	2.012E-05	4.189E-07	2.492E-06	1.241E-10
1.860E+04	4.004E-01	1.687E-01	2.310E-01	1.679E-06	1.834E-05	3.420E-07	2.280E-06	1.016E-10
1.880E+04	4.075E-01	1.569E-01	2.381E-01	2.196E-06	1.668E-05	2.899E-07	2.080E-06	8.284E-11
1.900E+04	4.141E-01	1.457E-01	2.448E-01	2.853E-06	1.514E-05	2.352E-07	1.892E-06	6.736E-11
1.920E+04	4.204E-01	1.352E-01	2.512E-01	3.685E-06	1.371E-05	1.945E-07	1.717E-06	5.463E-11
1.940E+04	4.263E-01	1.252E-01	2.572E-01	4.731E-06	1.239E-05	1.686E-07	1.554E-06	4.420E-11
1.960E+04	4.317E-01	1.159E-01	2.629E-01	6.041E-06	1.118E-05	1.324E-07	1.436E-06	3.568E-11
1.980E+04	4.368E-01	1.072E-01	2.682E-01	7.672E-06	1.008E-05	1.091E-07	1.265E-06	2.876E-11
2.000E+04	4.416E-01	9.912E-02	2.731E-01	9.694E-06	9.070E-06	8.974E-08	1.139E-06	2.315E-11
2.020E+04	4.460E-01	9.157E-02	2.777E-01	1.219E-05	8.155E-06	7.381E-08	1.023E-06	1.861E-11
2.040E+04	4.501E-01	8.457E-02	2.820E-01	1.525E-05	7.327E-06	6.088E-08	9.188E-07	1.495E-11
2.060E+04	4.540E-01	7.809E-02	2.859E-01	1.899E-05	6.579E-06	4.989E-08	8.241E-07	1.200E-11
2.080E+04	4.575E-01	7.209E-02	2.896E-01	2.354E-05	5.904E-06	4.102E-08	7.385E-07	9.636E-12
2.100E+04	4.608E-01	6.655E-02	2.929E-01	2.905E-05	5.296E-06	3.373E-08	6.615E-07	7.735E-12
2.120E+04	4.638E-01	6.144E-02	2.960E-01	3.571E-05	4.750E-06	2.786E-08	5.922E-07	6.211E-12
2.140E+04	4.666E-01	5.673E-02	2.988E-01	4.372E-05	4.260E-06	2.286E-08	5.301E-07	4.970E-12
2.160E+04	4.692E-01	5.240E-02	3.014E-01	5.332E-05	3.821E-06	1.884E-08	4.745E-07	4.011E-12
2.180E+04	4.716E-01	4.842E-02	3.038E-01	6.477E-05	3.428E-06	1.554E-08	4.247E-07	3.227E-12
2.200E+04	4.738E-01	4.475E-02	3.060E-01	7.840E-05	3.076E-06	1.284E-08	3.802E-07	2.599E-12
2.220E+04	4.759E-01	4.139E-02	3.079E-01	9.456E-05	2.761E-06	1.061E-08	3.405E-07	2.096E-12
2.240E+04	4.778E-01	3.829E-02	3.097E-01	1.137E-04	2.480E-06	8.787E-09	3.050E-07	1.692E-12
2.260E+04	4.796E-01	3.545E-02	3.113E-01	1.361E-04	2.228E-06	7.286E-09	2.733E-07	1.368E-12
2.280E+04	4.813E-01	3.284E-02	3.128E-01	1.626E-04	2.003E-06	6.050E-09	2.451E-07	1.107E-12
2.300E+04	4.829E-01	3.044E-02	3.141E-01	1.935E-04	1.802E-06	5.081E-09	2.199E-07	8.980E-13
2.320E+04	4.843E-01	2.824E-02	3.153E-01	2.296E-04	1.623E-06	4.131E-09	1.974E-07	7.295E-13
2.340E+04	4.858E-01	2.621E-02	3.163E-01	2.716E-04	1.462E-06	3.406E-09	1.773E-07	5.936E-13
2.360E+04	4.871E-01	2.435E-02	3.173E-01	3.203E-04	1.318E-06	2.922E-09	1.594E-07	4.838E-13
2.380E+04	4.884E-01	2.264E-02	3.181E-01	3.767E-04	1.190E-06	2.446E-09	1.434E-07	3.951E-13
2.400E+04	4.896E-01	2.106E-02	3.188E-01	4.418E-04	1.075E-06	2.051E-09	1.291E-07	3.232E-13
2.420E+04	4.908E-01	1.961E-02	3.193E-01	5.167E-04	9.716E-07	1.723E-09	1.165E-07	2.649E-13
2.440E+04	4.920E-01	1.827E-02	3.198E-01	6.027E-04	8.791E-07	1.450E-09	1.049E-07	2.175E-13
2.460E+04	4.931E-01	1.704E-02	3.202E-01	7.011E-04	7.962E-07	1.222E-09	9.465E-08	1.790E-13
2.480E+04	4.942E-01	1.591E-02	3.205E-01	8.135E-04	7.218E-07	1.032E-09	8.548E-08	1.475E-13
2.500E+04	4.953E-01	1.486E-02	3.206E-01	9.414E-04	6.549E-07	8.725E-10	7.725E-08	1.218E-13

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.268E-01	3.917E-03	2.494E-13	4.835E-06	1.507E-01	2.028E-04	1.853E-05	3.985E-04	8.400E+03
2.487E-01	5.075E-03	5.845E-13	6.137E-06	1.154E-01	2.030E-04	1.213E-05	3.891E-04	8.600E+03
2.657E-01	6.424E-03	1.315E-12	7.462E-06	8.721E-02	2.001E-04	7.862E-06	3.639E-04	8.800E+03
2.782E-01	7.970E-03	2.851E-12	8.770E-06	6.536E-02	1.949E-04	5.070E-06	3.296E-04	9.000E+03
2.869E-01	9.726E-03	5.971E-12	1.003E-05	4.880E-02	1.883E-04	3.270E-06	2.919E-04	9.200E+03
2.925E-01	1.170E-02	1.211E-11	1.124E-05	3.643E-02	1.809E-04	2.116E-06	2.546E-04	9.400E+03
2.957E-01	1.392E-02	2.384E-11	1.239E-05	2.726E-02	1.730E-04	1.378E-06	2.197E-04	9.600E+03
2.968E-01	1.639E-02	4.565E-11	1.348E-05	2.048E-02	1.651E-04	9.041E-07	1.883E-04	9.800E+03
2.965E-01	1.911E-02	8.518E-11	1.449E-05	1.546E-02	1.572E-04	3.984E-07	1.607E-04	1.000E+04
2.948E-01	2.211E-02	1.551E-10	1.543E-05	1.173E-02	1.495E-04	3.997E-07	1.367E-04	1.020E+04
2.922E-01	2.539E-02	2.760E-10	1.630E-05	8.955E-03	1.420E-04	2.694E-07	1.162E-04	1.040E+04
2.886E-01	2.895E-02	4.807E-10	1.708E-05	6.875E-03	1.349E-04	1.832E-07	9.855E-05	1.060E+04
2.843E-01	3.279E-02	8.23E-10	1.779E-05	5.307E-03	1.280E-04	1.257E-07	8.354E-05	1.080E+04
2.793E-01	3.692E-02	1.373E-09	1.839E-05	4.118E-03	1.214E-04	8.688E-08	7.076E-05	1.100E+04
2.737E-01	4.132E-02	2.256E-09	1.891E-05	3.211E-03	1.151E-04	6.052E-08	5.988E-05	1.120E+04
2.676E-01	4.599E-02	3.643E-09	1.932E-05	2.516E-03	1.090E-04	4.245E-08	5.063E-05	1.140E+04
2.610E-01	5.091E-02	5.786E-09	1.963E-05	1.979E-03	1.031E-04	2.996E-08	4.276E-05	1.160E+04
2.539E-01	5.606E-02	7.046E-09	1.983E-05	1.563E-03	9.747E-05	2.127E-08	3.607E-05	1.180E+04
2.464E-01	6.141E-02	1.393E-08	1.992E-05	1.238E-03	9.202E-05	1.518E-08	3.037E-05	1.200E+04
2.385E-01	6.695E-02	2.115E-08	1.990E-05	9.839E-04	8.677E-05	1.088E-08	2.553E-05	1.220E+04
2.303E-01	7.264E-02	3.167E-08	1.978E-05	7.840E-04	8.169E-05	7.826E-09	2.142E-05	1.240E+04
2.218E-01	7.844E-02	4.679E-08	1.956E-05	6.262E-04	7.678E-05	5.650E-09	1.793E-05	1.260E+04
2.131E-01	8.432E-02	6.828E-08	1.924E-05	5.011E-04	7.204E-05	4.091E-09	1.458E-05	1.280E+04
2.042E-01	9.023E-02	9.842E-08	1.882E-05	4.017E-04	6.746E-05	2.970E-09	1.248E-05	1.300E+04
1.952E-01	9.614E-02	1.402E-07	1.832E-05	3.224E-04	6.304E-05	2.160E-09	1.037E-05	1.320E+04
1.862E-01	1.020E-01	1.976E-07	1.775E-05	2.591E-04	5.878E-05	1.573E-09	8.590E-06	1.340E+04
1.771E-01	1.078E-01	2.754E-07	1.712E-05	2.084E-04	5.468E-05	1.147E-09	7.099E-06	1.360E+04
1.681E-01	1.134E-01	3.799E-07	1.643E-05	1.677E-04	5.074E-05	8.370E-10	5.850E-06	1.380E+04
1.592E-01	1.189E-01	5.189E-07	1.570E-05	1.351E-04	4.696E-05	6.109E-10	4.807E-06	1.400E+04
1.503E-01	1.241E-01	7.020E-07	1.493E-05	1.088E-04	4.335E-05	4.459E-10	3.940E-06	1.420E+04
1.417E-01	1.291E-01	9.409E-07	1.415E-05	8.762E-05	3.991E-05	3.253E-10	3.220E-06	1.440E+04
1.333E-01	1.339E-01	1.250E-06	1.335E-05	7.056E-05	3.665E-05	2.372E-10	2.625E-06	1.460E+04
1.251E-01	1.384E-01	1.647E-06	1.255E-05	5.682E-05	3.355E-05	1.728E-10	2.134E-06	1.480E+04
1.173E-01	1.425E-01	2.152E-06	1.175E-05	4.573E-05	3.063E-05	1.257E-10	1.732E-06	1.500E+04
1.097E-01	1.463E-01	2.791E-06	1.096E-05	3.679E-05	2.798E-05	9.135E-11	1.402E-06	1.520E+04
1.024E-01	1.498E-01	3.592E-06	1.020E-05	2.958E-05	2.531E-05	6.627E-11	1.152E-06	1.540E+04
9.551E-02	1.530E-01	4.591E-06	9.452E-06	2.377E-05	2.290E-05	4.798E-11	9.129E-07	1.560E+04
8.894E-02	1.558E-01	5.829E-06	8.737E-06	1.909E-05	2.067E-05	3.467E-11	7.349E-07	1.580E+04
8.271E-02	1.583E-01	7.353E-06	8.052E-06	1.532E-05	1.850E-05	2.500E-11	5.907E-07	1.600E+04
7.683E-02	1.605E-01	9.220E-06	7.402E-06	1.228E-05	1.670E-05	1.799E-11	4.741E-07	1.620E+04
7.130E-02	1.624E-01	1.150E-05	6.787E-06	9.843E-06	1.495E-05	1.292E-11	3.802E-07	1.640E+04
6.612E-02	1.640E-01	1.426E-05	6.208E-06	7.881E-06	1.335E-05	9.252E-12	3.046E-07	1.660E+04
6.126E-02	1.654E-01	1.759E-05	5.667E-06	6.305E-06	1.189E-05	6.612E-12	2.438E-07	1.680E+04
5.672E-02	1.665E-01	2.161E-05	5.161E-06	5.041E-06	1.057E-05	4.715E-12	1.951E-07	1.700E+04
5.250E-02	1.674E-01	2.642E-05	4.692E-06	4.028E-06	9.369E-06	3.355E-12	1.561E-07	1.720E+04
4.857E-02	1.681E-01	3.216E-05	4.258E-06	3.217E-06	8.290E-06	2.382E-12	1.249E-07	1.740E+04
4.493E-02	1.686E-01	3.901E-05	3.858E-06	2.568E-06	7.322E-06	1.688E-12	9.988E-08	1.760E+04
4.155E-02	1.690E-01	4.713E-05	3.491E-06	2.049E-06	6.456E-06	1.194E-12	7.993E-08	1.780E+04
3.843E-02	1.692E-01	5.675E-05	3.154E-06	1.635E-06	5.684E-06	8.436E-13	6.400E-08	1.800E+04
3.555E-02	1.693E-01	6.811E-05	2.847E-06	1.304E-06	4.997E-06	5.951E-13	5.127E-08	1.820E+04
3.289E-02	1.694E-01	8.150E-05	2.567E-06	1.041E-06	4.387E-06	4.194E-13	4.112E-08	1.840E+04
3.044E-02	1.693E-01	9.723E-05	2.312E-06	8.305E-07	3.849E-06	2.951E-13	3.301E-08	1.860E+04
2.818E-02	1.692E-01	1.157E-04	2.082E-06	6.630E-07	3.373E-06	2.077E-13	2.653E-08	1.880E+04
2.610E-02	1.690E-01	1.372E-04	1.873E-06	5.296E-07	2.955E-06	1.462E-13	2.135E-08	1.900E+04
2.419E-02	1.688E-01	1.624E-04	1.685E-06	4.233E-07	2.587E-06	1.029E-13	1.720E-08	1.920E+04
2.243E-02	1.686E-01	1.918E-04	1.515E-06	3.387E-07	2.264E-06	7.240E-14	1.389E-08	1.940E+04
2.082E-02	1.684E-01	2.258E-04	1.361E-06	2.712E-07	1.981E-06	5.099E-14	1.123E-08	1.960E+04
1.933E-02	1.681E-01	2.654E-04	1.224E-06	2.174E-07	1.734E-06	3.594E-14	9.096E-09	1.980E+04
1.797E-02	1.679E-01	3.111E-04	1.100E-06	1.745E-07	1.517E-06	2.536E-14	7.382E-09	2.000E+04
1.671E-02	1.676E-01	3.640E-04	9.890E-07	1.403E-07	1.328E-06	1.793E-14	6.002E-09	2.020E+04
1.556E-02	1.673E-01	4.249E-04	8.893E-07	1.130E-07	1.163E-06	1.269E-14	4.690E-09	2.040E+04
1.450E-02	1.670E-01	4.949E-04	8.000E-07	9.110E-08	1.019E-06	9.000E-15	3.972E-09	2.060E+04
1.352E-02	1.667E-01	5.752E-04	7.198E-07	7.359E-08	8.933E-07	6.396E-15	3.265E-09	2.080E+04
1.262E-02	1.665E-01	6.671E-04	6.480E-07	5.956E-08	7.836E-07	4.556E-15	2.676E-09	2.100E+04
1.179E-02	1.662E-01	7.722E-04	5.837E-07	4.829E-08	6.879E-07	3.253E-15	2.198E-09	2.120E+04
1.103E-02	1.659E-01	8.919E-04	5.260E-07	3.923E-08	6.043E-07	2.329E-15	1.809E-09	2.140E+04
1.032E-02	1.656E-01	1.028E-03	4.743E-07	3.193E-08	5.314E-07	1.672E-15	1.492E-09	2.160E+04
9.673E-03	1.653E-01	1.183E-03	4.280E-07	2.604E-08	4.676E-07	1.203E-15	1.233E-09	2.180E+04
9.071E-03	1.650E-01	1.358E-03	3.864E-07	2.128E-08	4.119E-07	8.687E-16	1.021E-09	2.200E+04
8.513E-03	1.646E-01	1.555E-03	3.491E-07	1.743E-08	3.632E-07	6.290E-16	8.467E-10	2.220E+04
7.996E-03	1.643E-01	1.778E-03	3.156E-07	1.430E-08	3.205E-07	4.568E-16	7.037E-10	2.240E+04
7.517E-03	1.639E-01	2.028E-03	2.855E-07	1.176E-08	2.831E-07	3.328E-16	5.859E-10	2.260E+04
7.072E-03	1.635E-01	2.309E-03	2.585E-07	9.691E-09	2.503E-07	2.432E-16	4.887E-10	2.280E+04
6.559E-03	1.631E-01	2.624E-03	2.342E-07	8.002E-09	2.216E-07	1.782E-16	4.083E-10	2.300E+04
6.274E-03	1.626E-01	2.975E-03	2.123E-07	6.620E-09	1.963E-07	1.310E-16	3.417E-10	2.320E+04
5.915E-03	1.621E-01	3.366E-03	1.926E-07	5.488E-09	1.740E-07	9.664E-17	2.864E-10	2.340E+04
5.581E-03	1.616E-01	3.800E-03	1.748E-07	4.558E-09	1.544E-07	7.149E-17	2.405E-10	2.360E+04
5.268E-03	1.610E-01	4.282E-03	1.588E-07	3.792E-09	1.372E-07	5.305E-17	2.021E-10	2.380E+04
4.976E-03	1.603E-01	4.814E-03	1.443E-07	3.162E-09	1.219E-07	3.948E-17	1.702E-10	2.400E+04
4.702E-03	1.596E-01	5.401E-03	1.312E-07	2.640E-09	1.085E-07	2.947E-17	1.434E-10	2.420E+04
4.446E-03	1.589E-01	6.047E-03	1.194E-07	2.209E-09	9.656E-08	2.206E-17	1.210E-10	2.440E+04
4.205E-03	1.580E-01	6.755E-03	1.087E-07	1.851E-09	8.603E-08	1.656E-17	1.022E-10	2.460E+04
3.979E-03	1.571E-01	7.530E-03	9.902E-08	1.554E-09	7.668E-08	1.247E-17	8.642E-11	2.480E+04
3.766E-03	1.561E-01	8.375E-03	9.023E-08	1.306E-09	6.840E-08	9.408E-18	7.312E-11	2.500E+04

Table II. - Continued.

P/PO = 7.00E+00

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.475E-11	1.760E-18	0.
2.000E+02	0.	2.954E-68	0.	0.	0.	5.418E-11	1.760E-18	0.
3.000E+02	0.	1.375E-46	1.165E-80	0.	0.	5.850E-11	1.760E-18	0.
4.000E+02	0.	9.173E-36	3.158E-63	0.	0.	5.088E-11	1.760E-18	0.
5.000E+02	0.	3.047E-29	9.245E-53	0.	0.	4.773E-11	1.760E-18	0.
6.000E+02	0.	7.339E-25	8.509E-46	0.	0.	5.189E-11	1.760E-18	4.032E-96
7.000E+02	6.633E-80	9.560E-22	8.568E-41	0.	1.412E-90	4.952E-11	1.760E-18	6.826E-82
8.000E+02	2.710E-68	4.356E-19	2.354E-37	0.	8.881E-78	2.077E-10	1.760E-18	1.070E-71
9.000E+02	1.951E-58	1.307E-16	4.402E-35	0.	1.331E-66	4.117E-09	1.760E-18	2.301E-61
1.000E+03	1.745E-50	1.340E-14	2.735E-33	0.	1.402E-57	5.079E-08	1.760E-18	5.436E-53
1.100E+03	5.720E-44	5.948E-13	8.047E-32	0.	3.401E-50	3.979E-07	1.760E-18	3.879E-46
1.200E+03	1.565E-38	1.406E-11	1.354E-30	0.	4.849E-44	2.288E-06	1.760E-18	1.987E-40
1.300E+03	6.324E-34	2.046E-10	1.481E-29	0.	7.802E-39	9.303E-06	1.760E-18	1.335E-35
1.400E+03	5.682E-30	2.033E-09	1.154E-28	0.	2.261E-34	3.243E-05	1.760E-18	1.842E-31
1.500E+03	1.524E-26	1.488E-08	6.864E-28	0.	1.663E-30	9.475E-05	1.760E-18	7.062E-28
1.600E+03	1.550E-23	8.500E-08	3.274E-27	0.	4.012E-27	2.417E-04	1.760E-18	9.657E-25
1.700E+03	6.971E-21	3.955E-07	1.307E-26	0.	3.849E-24	5.522E-04	1.767E-18	5.593E-22
1.800E+03	9.949E-19	1.551E-06	7.217E-26	0.	1.068E-21	1.145E-03	2.853E-18	9.888E-20
1.900E+03	1.741E-17	5.266E-05	1.621E-24	0.	3.346E-20	2.187E-03	2.128E-17	2.077E-18
2.000E+03	1.608E-16	1.581E-05	3.820E-23	0.	5.227E-19	3.928E-03	1.855E-16	2.239E-17
2.100E+03	1.166E-15	4.270E-05	6.898E-22	1.395E-89	6.029E-18	6.654E-03	1.359E-15	1.850E-16
2.200E+03	7.037E-15	1.052E-04	9.643E-21	2.454E-85	5.510E-17	1.067E-02	8.337E-15	1.245E-15
2.300E+03	3.628E-14	2.389E-04	1.076E-19	1.862E-81	4.119E-16	1.634E-02	4.370E-14	7.014E-15
2.400E+03	1.629E-13	5.053E-04	9.840E-19	6.769E-78	2.580E-15	2.387E-02	1.992E-13	3.378E-14
2.500E+03	6.477E-13	1.003E-03	7.558E-18	1.289E-74	3.82E-14	3.381E-02	8.025E-13	1.414E-13
2.600E+03	2.309E-12	1.878E-03	4.971E-17	1.383E-71	1.430E-14	4.509E-02	2.893E-12	5.212E-13
2.700E+03	7.466E-12	3.339E-03	2.847E-16	8.928E-69	2.636E-13	6.042E-02	9.433E-12	1.712E-12
2.800E+03	2.211E-11	5.662E-03	1.441E-15	3.661E-66	9.637E-13	7.682E-02	2.809E-11	5.058E-12
2.900E+03	6.044E-11	9.187E-03	6.526E-15	9.998E-64	3.172E-12	9.461E-02	7.703E-11	1.355E-11
3.000E+03	1.536E-10	1.432E-02	2.673E-14	1.896E-61	9.484E-12	1.180E-01	1.958E-10	3.314E-11
3.100E+03	3.654E-10	2.149E-02	9.999E-14	2.585E-59	2.594E-11	1.311E-01	4.644E-10	7.443E-11
3.200E+03	8.173E-10	3.114E-02	3.445E-13	2.621E-57	6.537E-11	1.407E-01	1.033E-09	1.544E-10
3.300E+03	1.727E-09	4.368E-02	1.101E-12	2.026E-55	1.526E-10	1.619E-01	2.166E-09	2.971E-10
3.400E+03	3.464E-09	5.943E-02	3.286E-12	1.228E-53	3.318E-10	1.728E-01	4.302E-09	5.329E-10
3.500E+03	6.618E-09	7.857E-02	9.216E-12	5.946E-52	6.750E-10	1.787E-01	8.121E-09	8.943E-10
3.600E+03	1.208E-08	1.011E-01	2.441E-11	2.348E-50	1.291E-09	1.822E-01	1.463E-08	1.409E-09
3.700E+03	2.114E-08	1.269E-01	6.132E-11	7.690E-49	2.327E-09	1.885E-01	2.522E-08	2.092E-09
3.800E+03	3.557E-08	1.556E-01	1.468E-10	2.121E-47	3.974E-09	1.746E-01	4.173E-08	2.936E-09
3.900E+03	5.765E-08	1.864E-01	3.359E-10	4.994E-46	6.443E-09	1.651E-01	6.646E-08	3.904E-09
4.000E+03	9.028E-08	2.186E-01	7.372E-10	1.016E-44	9.952E-09	1.527E-01	1.021E-07	4.934E-09
4.100E+03	1.369E-07	2.513E-01	1.556E-09	1.804E-43	1.469E-08	1.384E-01	1.515E-07	5.944E-09
4.200E+03	2.016E-07	2.835E-01	3.167E-09	2.821E-42	2.079E-08	1.229E-01	2.177E-07	6.849E-09
4.300E+03	2.889E-07	3.142E-01	6.224E-09	3.917E-41	2.832E-08	1.071E-01	3.034E-07	7.575E-09
4.400E+03	4.041E-07	3.427E-01	1.184E-08	4.858E-40	3.725E-08	9.108E-02	4.106E-07	8.079E-09
4.500E+03	5.537E-07	3.684E-01	2.180E-08	5.408E-39	4.755E-08	7.765E-02	5.405E-07	8.350E-09
4.600E+03	7.453E-07	3.910E-01	3.892E-08	5.424E-38	5.918E-08	6.484E-02	6.929E-07	8.410E-09
4.700E+03	9.893E-07	4.104E-01	6.739E-08	4.915E-37	7.216E-08	5.383E-02	8.662E-07	8.304E-09
4.800E+03	1.299E-06	4.268E-01	1.132E-07	4.033E-36	8.663E-08	4.406E-02	1.057E-06	8.085E-09
4.900E+03	1.694E-06	4.403E-01	1.845E-07	3.001E-35	1.029E-07	3.604E-02	1.260E-06	7.805E-09
5.000E+03	2.198E-06	4.515E-01	2.920E-07	2.031E-34	1.213E-07	2.942E-02	1.468E-06	7.507E-09
5.100E+03	2.845E-06	4.605E-01	4.489E-07	1.252E-33	1.424E-07	2.480E-02	1.675E-06	7.220E-09
5.200E+03	3.679E-06	4.678E-01	6.711E-07	7.064E-32	1.670E-07	1.960E-02	1.874E-06	6.965E-09
5.300E+03	4.756E-06	4.737E-01	9.773E-07	3.660E-32	1.958E-07	1.605E-02	2.058E-06	6.750E-09
5.400E+03	6.148E-06	4.785E-01	1.389E-06	1.750E-31	2.296E-07	1.318E-02	2.224E-06	6.578E-09
5.500E+03	7.945E-06	4.823E-01	1.929E-06	7.766E-31	2.695E-07	1.087E-02	2.369E-06	6.449E-09
5.600E+03	1.026E-05	4.854E-01	2.625E-06	3.214E-30	3.165E-07	9.081E-03	2.491E-06	6.360E-09
5.700E+03	1.323E-05	4.880E-01	3.506E-06	1.247E-29	3.718E-07	7.488E-03	2.592E-06	6.306E-09
5.800E+03	1.703E-05	4.901E-01	4.604E-06	4.594E-29	4.368E-07	6.260E-03	2.672E-06	6.286E-09
5.900E+03	2.189E-05	4.918E-01	5.950E-06	1.572E-28	5.131E-07	5.259E-03	2.732E-06	6.298E-09
6.000E+03	2.808E-05	4.934E-01	7.577E-06	5.45E-28	6.027E-07	4.440E-03	2.772E-06	6.342E-09
6.100E+03	3.595E-05	4.948E-01	9.518E-06	1.601E-27	7.081E-07	3.768E-03	2.795E-06	6.418E-09
6.200E+03	4.595E-05	4.961E-01	1.180E-05	4.750E-27	8.320E-07	3.213E-03	2.800E-06	6.528E-09
6.300E+03	5.864E-05	4.973E-01	1.445E-05	1.346E-26	9.782E-07	2.755E-03	2.789E-06	6.675E-09
6.400E+03	7.475E-05	4.987E-01	1.748E-05	3.650E-26	1.151E-06	2.374E-03	2.764E-06	6.862E-09
6.500E+03	9.516E-05	5.001E-01	2.092E-05	9.494E-26	1.356E-06	2.056E-03	2.725E-06	7.094E-09
6.600E+03	1.210E-04	5.018E-01	2.478E-05	2.374E-25	1.598E-06	1.780E-03	2.676E-06	7.374E-09
6.700E+03	1.536E-04	5.037E-01	2.907E-05	5.723E-25	1.885E-06	1.567E-03	2.613E-06	7.705E-09
6.800E+03	1.946E-04	5.061E-01	3.381E-05	1.333E-24	2.225E-06	1.380E-03	2.558E-06	8.092E-09
6.900E+03	2.460E-04	5.089E-01	3.905E-05	3.010E-24	2.626E-06	1.222E-03	2.495E-06	8.537E-09
7.000E+03	3.099E-04	5.122E-01	4.485E-05	6.610E-24	3.098E-06	1.08E-03	2.435E-06	9.040E-09
7.100E+03	3.888E-04	5.162E-01	5.127E-05	1.416E-23	3.649E-06	9.750E-04	2.379E-06	9.602E-09
7.200E+03	4.854E-04	5.209E-01	5.843E-05	2.969E-23	4.288E-06	8.787E-04	2.330E-06	1.022E-08
7.300E+03	6.025E-04	5.262E-01	6.647E-05	6.112E-23	5.024E-06	7.966E-04	2.291E-06	1.089E-08
7.400E+03	7.431E-04	5.323E-01	7.554E-05	1.238E-22	5.863E-06	7.281E-04	2.263E-06	1.161E-08
7.500E+03	9.100E-04	5.390E-01	8.384E-05	2.475E-22	6.809E-06	6.653E-04	2.246E-06	1.236E-08
7.600E+03	1.106E-03	5.462E-01	9.760E-05	4.888E-22	7.866E-06	6.125E-04	2.241E-06	1.314E-08
7.700E+03	1.334E-03	5.539E-01	1.111E-04	9.555E-22	9.033E-06	5.662E-04	2.247E-06	1.393E-08
7.800E+03	1.596E-03	5.620E-01	1.265E-04	1.850E-21	1.031E-05	5.251E-04	2.265E-06	1.471E-08
7.900E+03	1.894E-03	5.701E-01	1.442E-04	3.552E-21	1.188E-05	4.884E-04	2.293E-06	1.547E-08
8.000E+03	2.231E-03	5.783E-01	1.646E-04	6.761E-21	1.315E-05	4.552E-04	2.330E-06	1.619E-08
8.200E+03	3.028E-03	5.939E-01	2.145E-04	2.389E-20	1.631E-05	3.968E-04	2.428E-06	1.745E-08

Table II. - Continued.

P/P0 = 7.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.235E-55	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.651E-41	4.716E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.991E-28	2.222E-50	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	5.193E-21	5.387E-48	1.000E+00	0.	5.000E+02
5.338E-80	5.227E-81	0.	0.	4.333E-16	8.274E-40	1.000E+00	0.	6.000E+02
3.841E-66	4.374E-68	0.	0.	1.489E-12	6.763E-34	1.000E+00	1.093E-92	7.000E+02
2.212E-56	1.161E-59	0.	0.	2.198E-10	2.036E-30	1.000E+00	1.056E-78	8.000E+02
1.336E-49	9.858E-53	0.	0.	1.138E-09	6.223E-29	1.000E+00	1.893E-69	9.000E+02
3.149E-44	6.799E-51	0.	0.	8.015E-07	7.951E-28	1.000E+00	3.729E-62	1.000E+03
7.824E-40	9.365E-48	0.	4.549E-78	7.958E-07	5.348E-27	1.000E+00	3.436E-56	1.100E+03
3.608E-36	3.885E-45	0.	1.529E-69	4.416E-06	3.585E-26	1.000E+00	3.212E-51	1.200E+03
4.556E-33	6.418E-41	0.	2.508E-62	1.879E-05	1.352E-25	1.000E+00	3.166E-47	1.300E+03
2.078E-30	5.108E-41	0.	1.829E-56	6.486E-05	5.450E-25	9.999E-01	2.084E-43	1.400E+03
4.195E-28	2.294E-39	2.555E-95	8.752E-51	1.895E-04	1.620E-24	9.997E-01	2.779E-40	1.500E+03
4.367E-26	6.399E-38	1.092E-91	4.275E-46	4.835E-04	4.202E-24	9.993E-01	1.508E-37	1.600E+03
2.634E-24	1.215E-36	1.762E-88	5.831E-42	1.103E-03	9.788E-24	9.983E-01	3.901E-35	1.700E+03
1.008E-22	2.583E-35	3.257E-85	1.714E-38	2.271E-03	3.341E-23	9.965E-01	5.442E-33	1.800E+03
2.631E-21	2.087E-33	6.473E-81	4.462E-36	4.399E-03	4.872E-22	9.934E-01	4.512E-31	1.900E+03
4.954E-20	1.004E-31	9.819E-77	4.649E-34	7.892E-03	7.767E-21	9.882E-01	2.403E-29	2.000E+03
7.052E-19	7.475E-30	6.400E-73	3.000E-32	1.335E-02	9.827E-20	9.800E-01	8.750E-28	2.100E+03
7.879E-18	2.625E-28	1.909E-69	1.313E-30	2.145E-02	9.931E-19	9.678E-01	2.293E-26	2.200E+03
7.129E-17	6.786E-27	2.871E-66	4.107E-29	3.291E-02	3.214E-18	9.505E-01	4.511E-25	2.300E+03
5.360E-16	1.349E-25	2.371E-63	9.571E-28	4.844E-02	5.696E-17	9.271E-01	6.896E-24	2.400E+03
3.422E-15	2.112E-24	1.155E-60	1.719E-26	6.862E-02	3.380E-16	8.966E-01	8.435E-23	2.500E+03
1.889E-14	2.693E-23	3.534E-58	2.449E-25	9.385E-02	1.745E-15	8.583E-01	8.458E-22	2.600E+03
9.158E-14	2.851E-22	7.145E-56	2.837E-24	1.242E-01	7.958E-15	8.120E-01	7.101E-21	2.700E+03
3.952E-13	2.559E-21	1.001E-53	2.728E-23	1.593E-01	3.231E-14	7.582E-01	5.011E-20	2.800E+03
1.536E-12	1.982E-20	1.009E-51	2.217E-22	1.984E-01	1.195E-13	6.978E-01	3.148E-19	2.900E+03
5.428E-12	1.345E-19	7.570E-50	1.547E-21	2.404E-01	4.019E-13	6.323E-01	1.712E-18	3.000E+03
1.761E-11	8.107E-19	4.541E-48	9.391E-21	2.835E-01	1.244E-12	5.538E-01	8.270E-18	3.100E+03
5.287E-11	4.372E-18	1.980E-46	5.024E-20	3.265E-01	3.571E-12	4.946E-01	3.592E-17	3.200E+03
1.480E-10	2.161E-17	7.252E-45	2.395E-19	3.575E-01	9.577E-12	4.270E-01	1.416E-16	3.300E+03
3.887E-10	9.761E-17	2.183E-43	1.027E-18	4.049E-01	2.416E-11	3.629E-01	5.123E-16	3.400E+03
9.645E-10	4.081E-16	5.547E-42	4.003E-18	4.379E-01	5.766E-11	3.030E-01	1.715E-15	3.500E+03
2.274E-09	1.593E-15	1.202E-40	1.429E-17	4.656E-01	1.310E-10	2.510E-01	5.359E-15	3.600E+03
5.172E-09	5.847E-15	2.258E-39	4.709E-17	4.878E-01	2.848E-10	2.048E-01	1.577E-14	3.700E+03
1.108E-08	2.032E-14	3.720E-38	1.443E-16	5.047E-01	5.554E-10	1.652E-01	4.400E-14	3.800E+03
2.312E-08	6.731E-14	5.483E-37	4.140E-16	5.166E-01	1.202E-09	1.319E-01	1.173E-13	3.900E+03
4.673E-08	2.135E-13	7.245E-36	1.119E-15	5.241E-01	2.354E-09	1.045E-01	3.008E-13	4.000E+03
9.189E-08	6.522E-13	8.723E-35	2.866E-15	5.281E-01	4.486E-09	8.220E-02	7.464E-13	4.100E+03
1.763E-07	1.925E-12	9.601E-34	6.995E-15	5.293E-01	8.344E-09	6.420E-02	1.801E-12	4.200E+03
3.311E-07	5.504E-12	9.732E-33	1.635E-14	5.295E-01	1.518E-08	5.309E-02	4.243E-12	4.300E+03
6.098E-07	1.525E-11	9.125E-32	3.677E-14	5.265E-01	2.706E-08	3.893E-02	9.794E-12	4.400E+03
1.104E-06	4.125E-11	7.933E-31	7.993E-14	5.237E-01	4.727E-08	3.023E-02	2.219E-11	4.500E+03
1.964E-06	1.081E-10	6.401E-30	1.687E-13	5.207E-01	8.097E-08	2.349E-02	4.943E-11	4.600E+03
3.441E-06	2.751E-10	4.790E-29	3.449E-13	5.177E-01	1.359E-07	1.829E-02	1.082E-10	4.700E+03
5.936E-06	6.783E-10	3.322E-28	6.978E-13	5.149E-01	2.233E-07	1.429E-02	2.325E-10	4.800E+03
1.008E-05	1.619E-09	2.132E-27	1.377E-12	5.124E-01	2.586E-07	1.122E-02	4.926E-10	4.900E+03
1.687E-05	3.734E-09	1.264E-26	2.673E-12	5.103E-01	5.628E-07	8.847E-03	1.022E-09	5.000E+03
2.778E-05	8.219E-09	6.924E-26	5.114E-12	5.084E-01	8.523E-07	7.019E-03	2.083E-09	5.100E+03
4.508E-05	1.797E-08	3.519E-25	9.657E-12	5.069E-01	1.270E-06	5.602E-03	4.160E-09	5.200E+03
7.207E-05	3.722E-08	1.657E-24	1.802E-11	5.057E-01	1.886E-06	4.500E-03	8.149E-09	5.300E+03
1.133E-04	7.487E-08	7.260E-24	3.321E-11	5.046E-01	2.697E-06	3.638E-03	1.565E-08	5.400E+03
1.763E-04	1.459E-07	2.972E-23	6.048E-11	5.037E-01	3.777E-06	2.967E-03	2.947E-08	5.500E+03
2.618E-04	2.761E-07	1.141E-22	1.088E-10	5.029E-01	5.188E-06	2.423E-03	5.442E-08	5.600E+03
4.075E-04	5.079E-07	4.127E-22	1.933E-10	5.021E-01	7.001E-06	1.946E-03	9.859E-08	5.700E+03
6.074E-04	9.098E-07	1.411E-21	3.392E-10	5.014E-01	9.291E-06	1.654E-03	1.753E-07	5.800E+03
0.936E-04	1.589E-06	4.575E-21	5.877E-10	5.006E-01	1.214E-05	1.379E-03	3.060E-07	5.900E+03
1.298E-04	2.710E-06	1.410E-20	1.006E-09	4.997E-01	1.563E-05	1.156E-03	5.247E-07	6.000E+03
1.863E-04	4.514E-06	4.143E-20	1.701E-09	4.986E-01	1.984E-05	9.239E-04	8.857E-07	6.100E+03
2.643E-04	7.354E-06	1.162E-19	2.843E-09	4.972E-01	2.484E-05	8.239E-04	1.452E-06	6.200E+03
3.704E-04	1.172E-05	3.115E-19	4.697E-09	4.954E-01	3.067E-05	7.005E-04	2.378E-06	6.300E+03
5.130E-04	1.828E-05	7.996E-19	7.674E-09	4.931E-01	3.738E-05	5.981E-04	3.799E-06	6.400E+03
7.024E-04	2.792E-05	1.958E-18	1.240E-09	4.901E-01	4.497E-05	5.125E-04	5.963E-06	6.500E+03
9.503E-04	4.176E-05	4.652E-18	1.980E-09	4.862E-01	5.340E-05	4.405E-04	9.182E-06	6.600E+03
1.270E-03	6.122E-05	1.057E-17	3.125E-08	4.813E-01	6.262E-05	3.797E-04	1.388E-05	6.700E+03
1.677E-03	8.800E-05	2.316E-17	4.870E-08	4.750E-01	7.253E-05	3.279E-04	2.056E-05	6.800E+03
2.186E-03	1.241E-04	4.893E-17	7.484E-08	4.727E-01	8.304E-05	2.836E-04	2.983E-05	6.900E+03
2.812E-03	1.718E-04	1.002E-16	1.133E-07	4.576E-01	9.400E-05	2.455E-04	4.233E-05	7.000E+03
3.569E-03	2.337E-04	1.983E-16	1.687E-07	4.461E-01	1.053E-04	2.123E-04	5.869E-05	7.100E+03
4.464E-03	3.124E-04	3.836E-16	2.467E-07	4.324E-01	1.167E-04	1.837E-04	7.941E-05	7.200E+03
5.504E-03	4.110E-04	7.208E-16	3.541E-07	4.165E-01	1.282E-04	1.586E-04	1.048E-04	7.300E+03
6.585E-03	5.322E-04	1.322E-15	4.979E-07	3.984E-01	1.395E-04	1.366E-04	1.344E-04	7.400E+03
7.998E-03	6.790E-04	2.371E-15	6.878E-07	3.783E-01	1.504E-04	1.173E-04	1.685E-04	7.500E+03
9.426E-03	8.541E-04	4.165E-15	9.245E-07	3.564E-01	1.608E-04	1.003E-04	2.054E-04	7.600E+03
1.095E-01	1.060E-03	7.184E-15	1.220E-06	3.330E-01	1.706E-04	8.534E-05	2.438E-04	7.700E+03
1.253E-01	1.299E-03	1.217E-14	1.576E-06	3.084E-01	1.795E-04	7.224E-05	2.821E-04	7.800E+03
1.415E-01	1.574E-03	2.029E-14	1.992E-06	2.837E-01	1.876E-04	6.095E-05	3.184E-04	7.900E+03
1.576E-01	1.886E-03	3.332E-14	2.472E-06	2.587E-01	1.946E-04	5.094E-05	3.512E-04	8.000E+03
1.888E-01	2.625E-03	8.617E-14	3.597E-06	2.104E-01	2.053E-04	3.511E-05	4.006E-04	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	3.997E-03	6.079E-01	2.795E-04	8.163E-20	1.970E-05	3.466E-04	2.550E-06	1.839E-08
8.600E+03	5.152E-03	6.196E-01	3.631E-04	2.692E-19	2.322E-05	3.027E-04	2.689E-06	1.897E-08
8.800E+03	6.504E-03	6.288E-01	4.696E-04	8.559E-19	2.678E-05	2.642E-04	2.840E-06	1.921E-08
9.000E+03	8.068E-03	6.357E-01	6.037E-04	2.620E-18	3.033E-05	2.304E-04	2.999E-06	1.914E-08
9.200E+03	9.861E-03	6.405E-01	7.707E-04	7.720E-18	3.384E-05	2.010E-04	3.162E-06	1.885E-08
9.400E+03	1.190E-02	6.436E-01	9.768E-04	2.190E-17	3.729E-05	1.755E-04	3.31E-06	1.838E-08
9.600E+03	1.421E-02	6.453E-01	1.229E-03	5.987E-17	4.067E-05	1.535E-04	3.498E-06	1.780E-08
9.800E+03	1.680E-02	6.458E-01	1.534E-03	1.578E-16	4.398E-05	1.345E-04	3.670E-06	1.714E-08
1.000E+04	1.970E-02	6.455E-01	1.901E-03	4.019E-16	4.720E-05	1.181E-04	3.843E-06	1.643E-08
1.020E+04	2.293E-02	6.443E-01	2.339E-03	9.900E-16	5.034E-05	1.040E-04	4.017E-06	1.570E-08
1.040E+04	2.651E-02	6.425E-01	2.859E-03	2.362E-15	5.337E-05	9.181E-05	4.192E-06	1.497E-08
1.060E+04	3.044E-02	6.401E-01	3.471E-03	5.469E-15	5.630E-05	8.124E-05	4.368E-06	1.423E-08
1.080E+04	3.475E-02	6.371E-01	4.187E-03	1.230E-14	5.910E-05	7.206E-05	4.544E-06	1.350E-08
1.100E+04	3.945E-02	6.336E-01	5.022E-03	2.693E-14	6.177E-05	6.406E-05	4.715E-06	1.279E-08
1.120E+04	4.455E-02	6.296E-01	5.988E-03	5.745E-14	6.427E-05	5.706E-05	4.893E-06	1.208E-08
1.140E+04	5.006E-02	6.251E-01	7.102E-03	1.195E-13	6.661E-05	5.092E-05	5.066E-06	1.140E-08
1.160E+04	5.597E-02	6.200E-01	8.378E-03	2.432E-13	6.875E-05	4.552E-05	5.236E-06	1.073E-08
1.180E+04	6.230E-02	6.145E-01	9.835E-03	4.838E-13	7.069E-05	4.074E-05	5.403E-06	1.008E-08
1.200E+04	6.904E-02	6.085E-01	1.149E-02	9.422E-13	7.242E-05	3.551E-05	5.566E-06	9.454E-09
1.220E+04	7.618E-02	6.020E-01	1.336E-02	1.799E-12	7.390E-05	3.274E-05	5.724E-06	8.844E-09
1.240E+04	8.372E-02	5.949E-01	1.547E-02	3.369E-12	7.515E-05	2.939E-05	5.875E-06	8.254E-09
1.260E+04	9.165E-02	5.874E-01	1.783E-02	6.195E-12	7.614E-05	2.639E-05	6.019E-06	7.684E-09
1.280E+04	9.995E-02	5.792E-01	2.047E-02	1.120E-11	7.687E-05	2.370E-05	6.154E-06	7.136E-09
1.300E+04	1.086E-01	5.706E-01	2.340E-02	1.990E-11	7.734E-05	2.129E-05	6.279E-06	6.609E-09
1.320E+04	1.176E-01	5.614E-01	2.664E-02	3.482E-11	7.754E-05	1.912E-05	6.393E-06	6.103E-09
1.340E+04	1.269E-01	5.516E-01	3.022E-02	5.998E-11	7.747E-05	1.717E-05	6.493E-06	5.620E-09
1.360E+04	1.365E-01	5.413E-01	3.415E-02	1.018E-10	7.713E-05	1.540E-05	6.579E-06	5.160E-09
1.380E+04	1.464E-01	5.304E-01	3.844E-02	1.704E-10	7.653E-05	1.380E-05	6.648E-06	4.721E-09
1.400E+04	1.565E-01	5.190E-01	4.311E-02	2.812E-10	7.568E-05	1.236E-05	6.700E-06	4.306E-09
1.420E+04	1.669E-01	5.071E-01	4.817E-02	4.581E-10	7.458E-05	1.105E-05	6.732E-06	3.914E-09
1.440E+04	1.774E-01	4.946E-01	5.362E-02	7.366E-10	7.325E-05	9.865E-06	6.743E-06	3.545E-09
1.460E+04	1.881E-01	4.817E-01	5.946E-02	1.170E-09	7.170E-05	8.791E-06	6.733E-06	3.198E-09
1.480E+04	1.989E-01	4.682E-01	6.570E-02	1.835E-09	6.994E-05	7.819E-06	6.699E-06	2.875E-09
1.500E+04	2.099E-01	4.543E-01	7.232E-02	2.845E-09	6.799E-05	6.939E-06	6.642E-06	2.573E-09
1.520E+04	2.209E-01	4.400E-01	7.931E-02	4.361E-09	6.587E-05	6.143E-06	6.560E-06	2.294E-09
1.540E+04	2.320E-01	4.253E-01	8.666E-02	6.610E-09	6.359E-05	5.424E-06	6.455E-06	2.036E-09
1.560E+04	2.431E-01	4.102E-01	9.434E-02	9.911E-09	6.118E-05	4.776E-06	6.325E-06	1.800E-09
1.580E+04	2.541E-01	3.948E-01	1.023E-01	1.470E-08	5.866E-05	4.193E-06	6.173E-06	1.583E-09
1.600E+04	2.652E-01	3.792E-01	1.103E-01	2.159E-08	5.605E-05	3.670E-06	5.998E-06	1.387E-09
1.620E+04	2.761E-01	3.635E-01	1.190E-01	3.139E-08	5.337E-05	3.201E-06	5.803E-06	1.209E-09
1.640E+04	2.870E-01	3.476E-01	1.277E-01	4.519E-08	5.063E-05	2.793E-06	5.590E-06	1.048E-09
1.660E+04	2.977E-01	3.316E-01	1.365E-01	6.444E-08	4.797E-05	2.442E-06	5.361E-06	9.052E-10
1.680E+04	3.082E-01	3.157E-01	1.454E-01	9.107E-08	4.511E-05	2.092E-06	5.119E-06	7.777E-10
1.700E+04	3.185E-01	2.999E-01	1.543E-01	1.276E-07	4.236E-05	1.791E-06	4.866E-06	6.649E-10
1.720E+04	3.286E-01	2.843E-01	1.633E-01	1.771E-07	3.964E-05	1.536E-06	4.605E-06	5.657E-10
1.740E+04	3.384E-01	2.688E-01	1.722E-01	2.439E-07	3.697E-05	1.312E-06	4.339E-06	4.79E-10
1.760E+04	3.480E-01	2.537E-01	1.809E-01	3.332E-07	3.437E-05	1.117E-06	4.072E-06	4.038E-10
1.780E+04	3.572E-01	2.389E-01	1.896E-01	4.517E-07	3.185E-05	9.481E-07	3.805E-06	3.389E-10
1.800E+04	3.661E-01	2.246E-01	1.980E-01	6.076E-07	2.943E-05	8.019E-07	3.541E-06	2.831E-10
1.820E+04	3.746E-01	2.107E-01	2.062E-01	8.115E-07	2.711E-05	6.762E-07	3.284E-06	2.355E-10
1.840E+04	3.828E-01	1.973E-01	2.142E-01	1.076E-06	2.490E-05	5.685E-07	3.033E-06	1.951E-10
1.860E+04	3.906E-01	1.844E-01	2.218E-01	1.418E-06	2.281E-05	4.766E-07	2.793E-06	1.611E-10
1.880E+04	3.980E-01	1.721E-01	2.292E-01	1.855E-06	2.085E-05	3.986E-07	2.563E-06	1.325E-10
1.900E+04	4.050E-01	1.604E-01	2.362E-01	2.413E-06	1.901E-05	3.326E-07	2.345E-06	1.087E-10
1.920E+04	4.116E-01	1.493E-01	2.429E-01	3.119E-06	1.730E-05	2.769E-07	2.139E-06	8.383E-11
1.940E+04	4.179E-01	1.388E-01	2.493E-01	4.009E-06	1.570E-05	2.301E-07	1.947E-06	7.243E-11
1.960E+04	4.237E-01	1.289E-01	2.553E-01	5.123E-06	1.423E-05	1.910E-07	1.767E-06	5.892E-11
1.980E+04	4.292E-01	1.196E-01	2.609E-01	6.511E-06	1.288E-05	1.582E-07	1.601E-06	4.784E-11
2.000E+04	4.344E-01	1.109E-01	2.662E-01	8.232E-06	1.164E-05	1.310E-07	1.448E-06	3.877E-11
2.020E+04	4.392E-01	1.027E-01	2.711E-01	1.036E-05	1.051E-05	1.083E-07	1.307E-06	3.137E-11
2.040E+04	4.437E-01	9.510E-02	2.757E-01	1.297E-05	9.475E-06	8.953E-08	1.179E-06	2.536E-11
2.060E+04	4.479E-01	8.803E-02	2.800E-01	1.616E-05	8.536E-06	7.307E-08	1.062E-06	2.048E-11
2.080E+04	4.517E-01	8.146E-02	2.840E-01	2.004E-05	7.685E-06	6.110E-08	9.550E-07	1.654E-11
2.100E+04	4.553E-01	7.536E-02	2.877E-01	2.475E-05	6.915E-06	5.048E-08	8.584E-07	1.334E-11
2.120E+04	4.587E-01	6.972E-02	2.911E-01	3.044E-05	6.220E-06	4.171E-08	7.712E-07	1.077E-11
2.140E+04	4.618E-01	6.451E-02	2.943E-01	3.729E-05	5.59E-06	3.448E-08	6.925E-07	8.690E-12
2.160E+04	4.647E-01	5.969E-02	2.972E-01	4.549E-05	5.029E-06	2.852E-08	6.216E-07	7.015E-12
2.180E+04	4.673E-01	5.524E-02	2.998E-01	5.529E-05	4.522E-06	2.360E-08	5.579E-07	5.667E-12
2.200E+04	4.698E-01	5.114E-02	3.023E-01	6.695E-05	4.066E-06	1.956E-08	5.008E-07	4.581E-12
2.220E+04	4.721E-01	4.736E-02	3.045E-01	8.078E-05	3.657E-06	1.622E-08	4.495E-07	3.706E-12
2.240E+04	4.742E-01	4.388E-02	3.065E-01	9.713E-05	3.291E-06	1.346E-08	4.035E-07	3.002E-12
2.260E+04	4.762E-01	4.068E-02	3.084E-01	1.164E-04	2.962E-06	1.119E-08	3.624E-07	2.434E-12
2.280E+04	4.781E-01	3.773E-02	3.101E-01	1.390E-04	2.667E-06	9.315E-09	3.256E-07	1.976E-12
2.300E+04	4.798E-01	3.501E-02	3.116E-01	1.655E-04	2.403E-06	7.763E-09	2.926E-07	1.607E-12
2.320E+04	4.815E-01	3.251E-02	3.130E-01	1.965E-04	2.167E-06	6.480E-09	2.631E-07	1.308E-12
2.340E+04	4.830E-01	3.021E-02	3.142E-01	2.325E-04	1.955E-06	5.416E-09	2.368E-07	1.067E-12
2.360E+04	4.845E-01	2.808E-02	3.153E-01	2.743E-04	1.764E-06	4.534E-09	2.131E-07	8.712E-13
2.380E+04	4.859E-01	2.613E-02	3.163E-01	3.227E-04	1.594E-06	3.802E-09	1.920E-07	7.127E-13
2.400E+04	4.872E-01	2.433E-02	3.172E-01	3.786E-04	1.441E-06	3.193E-09	1.731E-07	5.841E-13
2.420E+04	4.885E-01	2.267E-02	3.179E-01	4.430E-04	1.304E-06	2.686E-09	1.562E-07	4.795E-13
2.440E+04	4.897E-01	2.114E-02	3.185E-01	5.169E-04	1.181E-06	2.283E-09	1.410E-07	3.943E-13
2.460E+04	4.909E-01	1.973E-02	3.191E-01	6.015E-04	1.070E-06	1.910E-09	1.274E-07	3.249E-13
2.480E+04	4.921E-01	1.842E-02	3.195E-01	6.982E-04	9.709E-07	1.614E-09	1.151E-07	2.682E-13
2.500E+04	4.932E-01	1.721E-02	3.198E-01	8.084E-04	8.815E-07	1.367E-09	1.042E-07	2.217E-13

Table II. - Continued.

C	C+	C++	C-	CG	CG+	CG2	C2	T
2.157E-01	3.528E-03	2.113E-13	4.899E-06	1.666E-01	2.113E-04	2.370E-05	4.244E-04	8.400E+03
2.402E-01	4.602E-03	4.976E-13	6.312E-06	1.291E-01	2.132E-04	1.573E-05	4.233E-04	8.500E+03
2.589E-01	5.854E-03	1.121E-12	7.770E-06	9.858E-02	2.116E-04	1.031E-05	4.028E-04	8.800E+03
2.730E-01	7.294E-03	2.434E-12	9.224E-06	7.451E-02	2.073E-04	6.717E-06	3.702E-04	9.000E+03
2.831E-01	8.930E-03	5.102E-12	1.064E-05	5.402E-02	2.012E-04	4.367E-06	3.316E-04	9.200E+03
2.900E-01	1.078E-02	1.036E-11	1.200E-05	4.206E-02	1.940E-04	2.845E-06	2.918E-04	9.400E+03
2.942E-01	1.284E-02	2.040E-11	1.330E-05	3.161E-02	1.851E-04	1.863E-06	2.537E-04	9.600E+03
2.952E-01	1.515E-02	3.909E-11	1.452E-05	2.344E-02	1.780E-04	1.228E-06	2.188E-04	9.800E+03
2.956E-01	1.769E-02	7.236E-11	1.567E-05	1.835E-02	1.698E-04	8.158E-07	1.877E-04	1.000E+04
2.957E-01	2.049E-02	1.329E-10	1.674E-05	1.374E-02	1.618E-04	5.468E-07	1.604E-04	1.020E+04
2.936E-01	2.356E-02	2.366E-10	1.773E-05	1.052E-02	1.540E-04	3.697E-07	1.368E-04	1.040E+04
2.906E-01	2.589E-02	4.121E-10	1.864E-05	8.094E-03	1.465E-04	2.522E-07	1.166E-04	1.060E+04
2.868E-01	3.050E-02	7.034E-10	1.946E-05	6.263E-03	1.393E-04	1.735E-07	9.918E-05	1.080E+04
2.823E-01	3.438E-02	1.178E-09	2.018E-05	4.872E-03	1.323E-04	1.203E-07	8.433E-05	1.100E+04
2.772E-01	3.852E-02	1.936E-09	2.090E-05	3.809E-03	1.256E-04	8.408E-08	7.165E-05	1.120E+04
2.716E-01	4.252E-02	3.127E-09	2.132E-05	2.992E-03	1.192E-04	5.917E-08	6.083E-05	1.140E+04
2.654E-01	4.751E-02	4.968E-09	2.172E-05	2.360E-03	1.130E-04	4.191E-08	5.159E-05	1.160E+04
2.597E-01	5.245E-02	7.770E-09	2.201E-05	1.869E-03	1.070E-04	2.985E-08	4.370E-05	1.180E+04
2.517E-01	5.754E-02	1.197E-08	2.219E-05	1.485E-03	1.013E-04	2.139E-08	3.698E-05	1.200E+04
2.442E-01	6.282E-02	1.818E-08	2.225E-05	1.184E-03	9.569E-05	1.539E-08	3.124E-05	1.220E+04
2.364E-01	6.825E-02	2.723E-08	2.219E-05	9.470E-04	9.031E-05	1.112E-08	2.634E-05	1.240E+04
2.283E-01	7.389E-02	4.026E-08	2.202E-05	7.592E-04	8.511E-05	8.068E-09	2.217E-05	1.260E+04
2.200E-01	7.949E-02	5.878E-08	2.175E-05	6.099E-04	8.007E-05	5.871E-09	1.862E-05	1.280E+04
2.115E-01	8.522E-02	8.479E-08	2.137E-05	4.909E-04	7.520E-05	4.284E-09	1.561E-05	1.300E+04
2.028E-01	9.098E-02	1.209E-07	2.089E-05	3.958E-04	7.049E-05	3.135E-09	1.305E-05	1.320E+04
1.940E-01	9.671E-02	1.705E-07	2.033E-05	3.195E-04	6.594E-05	2.295E-09	1.088E-05	1.340E+04
1.852E-01	1.024E-01	2.378E-07	1.970E-05	2.582E-04	6.155E-05	1.584E-09	9.054E-06	1.360E+04
1.764E-01	1.080E-01	3.283E-07	1.899E-05	2.088E-04	5.733E-05	1.236E-09	7.512E-06	1.380E+04
1.676E-01	1.134E-01	4.689E-07	1.823E-05	1.690E-04	5.327E-05	9.085E-10	6.216E-06	1.400E+04
1.589E-01	1.187E-01	6.078E-07	1.743E-05	1.368E-04	4.937E-05	6.678E-10	5.131E-06	1.420E+04
1.503E-01	1.238E-01	8.156E-07	1.659E-05	1.108E-04	4.564E-05	4.908E-10	4.224E-06	1.440E+04
1.419E-01	1.287E-01	1.083E-06	1.573E-05	8.975E-05	4.209E-05	3.606E-10	3.468E-06	1.460E+04
1.337E-01	1.333E-01	1.431E-06	1.486E-05	7.269E-05	3.871E-05	2.648E-10	2.841E-06	1.480E+04
1.257E-01	1.376E-01	1.871E-06	1.398E-05	5.886E-05	3.550E-05	1.943E-10	2.322E-06	1.500E+04
1.180E-01	1.414E-01	2.429E-06	1.311E-05	4.764E-05	3.247E-05	1.423E-10	1.893E-06	1.520E+04
1.106E-01	1.452E-01	3.130E-06	1.226E-05	3.855E-05	2.962E-05	1.042E-10	1.541E-06	1.540E+04
1.035E-01	1.487E-01	4.004E-06	1.142E-05	3.117E-05	2.694E-05	7.611E-11	1.251E-06	1.560E+04
9.674E-02	1.518E-01	5.089E-06	1.061E-05	2.519E-05	2.444E-05	5.551E-11	1.014E-06	1.580E+04
9.028E-02	1.545E-01	6.425E-06	9.824E-06	2.035E-05	2.211E-05	4.041E-11	8.210E-07	1.600E+04
8.416E-02	1.571E-01	8.063E-06	9.074E-06	1.643E-05	1.995E-05	2.936E-11	6.636E-07	1.620E+04
7.835E-02	1.593E-01	1.005E-05	8.359E-06	1.325E-05	1.795E-05	2.129E-11	5.357E-07	1.640E+04
7.290E-02	1.612E-01	1.248E-05	7.682E-06	1.068E-05	1.612E-05	1.541E-11	4.320E-07	1.660E+04
6.776E-02	1.628E-01	1.541E-05	7.044E-06	8.601E-06	1.443E-05	1.112E-11	3.481E-07	1.680E+04
6.294E-02	1.642E-01	1.895E-05	6.445E-06	6.923E-06	1.289E-05	8.013E-12	2.803E-07	1.700E+04
5.843E-02	1.653E-01	2.315E-05	5.885E-06	5.569E-06	1.149E-05	5.761E-12	2.256E-07	1.720E+04
5.422E-02	1.663E-01	2.819E-05	5.364E-06	4.477E-06	1.022E-05	4.133E-12	1.815E-07	1.740E+04
5.029E-02	1.670E-01	3.419E-05	4.880E-06	3.597E-06	9.077E-06	2.959E-12	1.460E-07	1.760E+04
4.664E-02	1.675E-01	4.131E-05	4.433E-06	2.889E-06	8.043E-06	2.115E-12	1.175E-07	1.780E+04
4.324E-02	1.680E-01	4.973E-05	4.022E-06	2.320E-06	7.116E-06	1.509E-12	9.452E-08	1.800E+04
4.009E-02	1.683E-01	5.965E-05	3.644E-06	1.852E-06	6.266E-06	1.075E-12	7.610E-08	1.820E+04
3.718E-02	1.685E-01	7.125E-05	3.297E-06	1.495E-06	5.545E-06	7.652E-13	6.130E-08	1.840E+04
3.448E-02	1.685E-01	8.507E-05	2.981E-06	1.200E-06	4.885E-06	5.440E-13	4.942E-08	1.860E+04
3.199E-02	1.686E-01	1.011E-04	2.693E-06	9.635E-07	4.301E-06	3.664E-13	3.988E-08	1.880E+04
2.969E-02	1.685E-01	1.199E-04	2.430E-06	7.736E-07	3.783E-06	2.743E-13	3.222E-08	1.900E+04
2.756E-02	1.684E-01	1.418E-04	2.193E-06	6.216E-07	3.325E-06	1.947E-13	2.606E-08	1.920E+04
2.560E-02	1.682E-01	1.673E-04	1.977E-06	4.998E-07	2.921E-06	1.381E-13	2.111E-08	1.940E+04
2.380E-02	1.681E-01	1.959E-04	1.782E-06	4.021E-07	2.565E-06	9.807E-14	1.712E-08	1.960E+04
2.213E-02	1.679E-01	2.312E-04	1.606E-06	3.238E-07	2.252E-06	6.965E-14	1.391E-08	1.980E+04
2.060E-02	1.677E-01	2.703E-04	1.447E-06	2.511E-07	1.978E-06	4.951E-14	1.132E-08	2.000E+04
1.918E-02	1.674E-01	3.155E-04	1.304E-06	2.107E-07	1.736E-06	3.523E-14	9.225E-09	2.020E+04
1.788E-02	1.672E-01	3.652E-04	1.175E-06	1.703E-07	1.525E-06	2.510E-14	7.533E-09	2.040E+04
1.668E-02	1.669E-01	4.297E-04	1.059E-06	1.378E-07	1.340E-06	1.791E-14	6.163E-09	2.060E+04
1.557E-02	1.667E-01	4.991E-04	9.550E-07	1.117E-07	1.177E-06	1.280E-14	5.052E-09	2.080E+04
1.455E-02	1.664E-01	5.785E-04	8.613E-07	9.070E-08	1.035E-06	9.168E-15	4.149E-09	2.100E+04
1.351E-02	1.662E-01	6.692E-04	7.770E-07	7.276E-08	9.107E-07	6.579E-15	3.414E-09	2.120E+04
1.274E-02	1.659E-01	7.725E-04	7.014E-07	6.009E-08	8.017E-07	4.732E-15	2.814E-09	2.140E+04
1.193E-02	1.656E-01	8.600E-04	6.334E-07	4.904E-08	7.063E-07	3.412E-15	2.325E-09	2.160E+04
1.119E-02	1.653E-01	1.023E-03	5.723E-07	4.009E-08	6.227E-07	2.466E-15	1.924E-09	2.180E+04
1.050E-02	1.651E-01	1.174E-03	5.174E-07	3.284E-08	5.495E-07	1.787E-15	1.595E-09	2.200E+04
9.860E-03	1.648E-01	1.345E-03	4.680E-07	2.695E-08	4.853E-07	1.299E-15	1.325E-09	2.220E+04
9.268E-03	1.644E-01	1.537E-03	4.236E-07	2.216E-08	4.289E-07	9.465E-16	1.103E-09	2.240E+04
8.719E-03	1.641E-01	1.753E-03	3.837E-07	1.826E-08	3.795E-07	6.917E-16	9.196E-10	2.260E+04
8.208E-03	1.639E-01	1.995E-03	3.477E-07	1.508E-08	3.360E-07	5.069E-16	7.681E-10	2.280E+04
7.733E-03	1.634E-01	2.267E-03	3.153E-07	1.247E-08	2.978E-07	3.725E-16	6.426E-10	2.300E+04
7.291E-03	1.630E-01	2.570E-03	2.861E-07	1.033E-08	2.642E-07	2.747E-16	5.385E-10	2.320E+04
6.879E-03	1.625E-01	2.908E-03	2.598E-07	8.579E-09	2.345E-07	2.031E-16	4.520E-10	2.340E+04
6.495E-03	1.621E-01	3.284E-03	2.361E-07	7.137E-09	2.084E-07	1.506E-16	3.800E-10	2.360E+04
6.135E-03	1.615E-01	3.701E-03	2.146E-07	5.948E-09	1.853E-07	1.120E-16	3.195E-10	2.380E+04
5.799E-03	1.610E-01	4.163E-03	1.953E-07	4.966E-09	1.650E-07	8.357E-17	2.697E-10	2.400E+04
5.485E-03	1.603E-01	4.672E-03	1.777E-07	4.153E-09	1.469E-07	6.251E-17	2.276E-10	2.420E+04
5.190E-03	1.597E-01	5.234E-03	1.619E-07	3.480E-09	1.310E-07	4.689E-17	1.924E-10	2.440E+04
4.913E-03	1.589E-01	5.850E-03	1.475E-07	2.920E-09	1.168E-07	3.528E-17	1.628E-10	2.460E+04
4.652E-03	1.581E-01	6.526E-03	1.345E-07	2.454E-09	1.043E-07	2.661E-17	1.379E-10	2.480E+04
4.407E-03	1.573E-01	7.264E-03	1.227E-07	2.066E-09	9.316E-08	2.012E-17	1.169E-10	2.500E+04

Table II. - Continued.

P/P0 = 8.00E+00

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	2.702E-68	0.	0.	0.	5.182E-11	1.760E-18	0.
3.000E+02	0.	1.238E-46	1.132E-80	0.	0.	5.421E-11	1.760E-18	0.
4.000E+02	0.	8.490E-36	2.985E-63	0.	0.	4.903E-11	1.760E-18	0.
5.000E+02	0.	2.891E-29	8.525E-53	0.	0.	4.912E-11	1.760E-18	0.
6.000E+02	1.428E-94	6.842E-25	7.990E-46	0.	0.	5.130E-11	1.760E-18	3.972E-96
7.000E+02	5.579E-80	8.759E-22	8.183E-41	0.	1.241E-90	4.751E-11	1.760E-18	6.284E-83
8.000E+02	2.282E-68	3.997E-19	2.244E-37	0.	7.843E-78	1.999E-10	1.760E-18	9.906E-72
9.000E+02	1.633E-58	1.196E-16	4.210E-35	0.	1.165E-66	3.938E-09	1.760E-18	2.105E-61
1.000E+03	1.459E-50	1.225E-14	2.616E-33	0.	1.227E-57	4.858E-08	1.760E-18	4.973E-53
1.100E+03	4.787E-44	5.441E-13	7.697E-32	0.	2.976E-50	3.806E-07	1.760E-18	3.548E-46
1.200E+03	1.310E-38	1.286E-11	1.295E-30	0.	4.243E-44	2.112E-06	1.760E-18	1.818E-40
1.300E+03	5.294E-34	1.872E-10	1.416E-29	0.	6.827E-39	8.984E-06	1.760E-18	1.224E-35
1.400E+03	4.754E-30	1.860E-09	1.104E-28	0.	1.979E-34	3.102E-05	1.760E-18	1.685E-31
1.500E+03	1.281E-26	1.362E-08	6.565E-28	0.	1.455E-30	9.062E-05	1.760E-18	6.474E-28
1.600E+03	1.297E-23	7.776E-08	3.131E-27	0.	3.511E-27	2.312E-04	1.760E-18	8.835E-25
1.700E+03	5.840E-21	3.618E-07	1.248E-26	0.	3.371E-24	5.272E-04	1.766E-16	5.120E-22
1.800E+03	8.717E-19	1.419E-06	6.596E-26	0.	9.780E-22	1.095E-03	2.726E-16	9.471E-20
1.900E+03	1.579E-17	4.818E-06	1.430E-24	0.	3.188E-20	2.182E-03	1.964E-17	2.060E-18
2.000E+03	1.463E-16	1.447E-05	3.363E-23	0.	4.971E-19	3.768E-03	1.708E-16	2.227E-17
2.100E+03	1.060E-15	3.907E-05	6.076E-22	1.182E-89	5.733E-18	6.369E-03	1.251E-15	1.840E-16
2.200E+03	6.395E-15	9.626E-05	8.498E-21	2.082E-85	5.238E-17	1.022E-02	7.686E-15	1.238E-15
2.300E+03	3.296E-14	2.187E-04	9.485E-20	.582E-81	3.915E-16	1.565E-02	4.032E-14	6.977E-15
2.400E+03	1.480E-13	4.628E-04	8.682E-19	5.756E-78	2.453E-15	2.288E-02	1.840E-13	3.362E-14
2.500E+03	5.883E-13	9.188E-04	6.672E-18	1.095E-74	1.315E-14	3.245E-02	7.420E-13	1.409E-13
2.600E+03	2.098E-12	1.722E-03	4.390E-17	1.177E-71	6.123E-14	4.421E-02	2.678E-12	5.202E-13
2.700E+03	6.787E-12	2.065E-03	2.516E-16	7.593E-69	2.514E-13	5.819E-02	8.743E-12	1.713E-12
2.800E+03	2.011E-11	5.203E-03	1.274E-15	3.112E-66	9.208E-13	7.444E-02	2.608E-11	5.075E-12
2.900E+03	5.505E-11	8.453E-03	5.769E-15	8.491E-64	3.038E-12	9.155E-02	7.161E-11	1.365E-11
3.000E+03	1.401E-10	1.319E-02	2.363E-14	1.608E-61	9.110E-12	1.097E-01	1.824E-10	3.353E-11
3.100E+03	3.338E-10	1.984E-02	8.842E-14	2.188E-59	2.501E-11	1.277E-01	4.333E-10	7.571E-11
3.200E+03	7.482E-10	2.881E-02	3.046E-13	2.215E-57	6.328E-11	1.445E-01	9.659E-10	1.580E-10
3.300E+03	1.585E-09	4.050E-02	9.734E-13	1.709E-55	1.484E-10	1.591E-01	2.030E-09	3.063E-10
3.400E+03	3.188E-09	5.525E-02	2.905E-12	1.032E-53	3.244E-10	1.707E-01	4.041E-09	5.536E-10
3.500E+03	6.108E-09	7.326E-02	8.146E-12	4.982E-52	6.639E-10	1.785E-01	7.648E-09	9.371E-10
3.600E+03	1.119E-08	9.459E-02	2.157E-11	1.960E-50	1.277E-09	1.821E-01	1.381E-08	1.491E-09
3.700E+03	1.965E-08	1.191E-01	5.417E-11	6.393E-49	2.320E-09	1.816E-01	2.389E-08	2.236E-09
3.800E+03	3.318E-08	1.465E-01	1.296E-10	1.757E-47	3.990E-09	1.769E-01	3.966E-08	3.173E-09
3.900E+03	5.402E-08	1.762E-01	2.965E-10	4.118E-46	6.522E-09	1.686E-01	6.340E-08	4.270E-09
4.000E+03	8.496E-08	2.076E-01	6.507E-10	8.337E-45	1.016E-08	1.573E-01	9.775E-08	5.465E-09
4.100E+03	1.294E-07	2.396E-01	1.373E-09	1.474E-43	1.513E-08	1.438E-01	1.457E-07	6.672E-09
4.200E+03	1.914E-07	2.715E-01	2.795E-09	2.295E-42	2.161E-08	1.288E-01	2.103E-07	7.792E-09
4.300E+03	2.755E-07	3.024E-01	5.495E-09	3.173E-41	2.970E-08	1.134E-01	2.945E-07	8.737E-09
4.400E+03	3.870E-07	3.313E-01	1.045E-08	3.921E-40	3.941E-08	9.811E-02	4.006E-07	9.441E-09
4.500E+03	5.321E-07	3.577E-01	1.927E-08	4.353E-39	5.071E-08	8.366E-02	5.302E-07	9.879E-09
4.600E+03	7.182E-07	3.812E-01	3.446E-08	4.360E-38	6.354E-08	7.044E-02	6.836E-07	1.006E-08
4.700E+03	9.551E-07	4.017E-01	5.978E-08	3.952E-37	7.792E-08	5.871E-02	8.595E-07	1.003E-08
4.800E+03	1.255E-06	4.191E-01	1.007E-07	3.249E-36	9.393E-08	4.857E-02	1.055E-06	9.840E-09
4.900E+03	1.636E-06	4.337E-01	1.647E-07	2.427E-35	1.118E-07	3.997E-02	1.266E-06	9.552E-09
5.000E+03	2.120E-06	4.458E-01	2.616E-07	1.651E-34	1.320E-07	3.279E-02	1.485E-06	9.221E-09
5.100E+03	2.738E-06	4.557E-01	4.040E-07	1.025E-33	1.550E-07	2.686E-02	1.705E-06	8.887E-09
5.200E+03	3.530E-06	4.638E-01	6.068E-07	5.826E-33	1.815E-07	2.202E-02	1.920E-06	8.578E-09
5.300E+03	4.548E-06	4.703E-01	8.330E-07	3.043E-32	2.124E-07	1.808E-02	2.122E-06	8.310E-09
5.400E+03	5.858E-06	4.756E-01	1.268E-06	1.467E-31	2.486E-07	1.489E-02	2.307E-06	8.091E-09
5.500E+03	7.543E-06	4.799E-01	1.769E-06	6.563E-31	2.910E-07	1.230E-02	2.470E-06	7.920E-09
5.600E+03	9.707E-06	4.834E-01	2.418E-06	2.737E-30	3.409E-07	1.020E-02	2.611E-06	7.796E-09
5.700E+03	1.248E-05	4.863E-01	3.241E-06	1.069E-29	3.994E-07	8.499E-03	2.730E-06	7.716E-09
5.800E+03	1.602E-05	4.886E-01	4.271E-06	3.932E-29	4.681E-07	7.112E-03	2.825E-06	7.676E-09
5.900E+03	2.052E-05	4.906E-01	5.539E-06	1.366E-28	5.484E-07	5.980E-03	2.899E-06	7.674E-09
6.000E+03	2.625E-05	4.923E-01	7.077E-06	4.498E-28	6.425E-07	5.052E-03	2.953E-06	7.709E-09
6.100E+03	3.351E-05	4.938E-01	8.918E-06	1.408E-27	7.527E-07	4.289E-03	2.987E-06	7.782E-09
6.200E+03	4.270E-05	4.952E-01	1.109E-05	4.204E-27	8.820E-07	3.659E-03	3.002E-06	7.894E-09
6.300E+03	5.432E-05	4.965E-01	1.363E-05	1.199E-26	1.034E-06	3.137E-03	3.001E-06	8.048E-09
6.400E+03	6.902E-05	4.978E-01	1.654E-05	3.272E-26	1.212E-06	2.703E-03	2.983E-06	8.247E-09
6.500E+03	8.757E-05	4.992E-01	1.986E-05	8.567E-26	1.423E-06	2.341E-03	2.951E-06	8.497E-09
6.600E+03	1.110E-04	5.008E-01	2.339E-05	2.156E-25	1.672E-06	2.038E-03	2.906E-06	8.800E-09
6.700E+03	1.404E-04	5.026E-01	2.775E-05	5.229E-25	1.966E-06	1.784E-03	2.852E-06	9.162E-09
6.800E+03	1.774E-04	5.048E-01	3.237E-05	1.225E-24	2.313E-06	1.569E-03	2.792E-06	9.587E-09
6.900E+03	2.237E-04	5.074E-01	3.747E-05	2.779E-24	2.721E-06	1.388E-03	2.728E-06	1.008E-08
7.000E+03	2.811E-04	5.104E-01	4.310E-05	6.126E-24	3.201E-06	1.235E-03	2.665E-06	1.064E-08
7.100E+03	3.521E-04	5.141E-01	4.932E-05	1.316E-23	3.761E-06	1.105E-03	2.604E-06	1.126E-08
7.200E+03	4.391E-04	5.183E-01	5.624E-05	2.764E-23	4.412E-06	9.944E-04	2.551E-06	1.196E-08
7.300E+03	5.447E-04	5.233E-01	6.396E-05	5.692E-23	5.162E-06	9.081E-04	2.505E-06	1.272E-08
7.400E+03	6.718E-04	5.289E-01	7.263E-05	1.152E-22	6.019E-06	8.192E-04	2.471E-06	1.353E-08
7.500E+03	8.232E-04	5.351E-01	8.244E-05	2.299E-22	6.989E-06	7.486E-04	2.447E-06	1.440E-08
7.600E+03	1.001E-03	5.420E-01	9.358E-05	4.529E-22	3.077E-06	6.802E-04	2.437E-06	1.530E-08
7.700E+03	1.209E-03	5.494E-01	1.063E-04	8.825E-22	9.283E-06	6.344E-04	2.438E-06	1.622E-08
7.800E+03	1.449E-03	5.571E-01	1.208E-04	1.703E-21	1.061E-05	5.888E-04	2.451E-06	1.715E-08
7.900E+03	1.724E-03	5.651E-01	1.375E-04	3.255E-21	1.204E-05	5.484E-04	2.476E-06	1.806E-08
8.000E+03	2.035E-03	5.732E-01	1.565E-04	6.171E-21	1.358E-05	5.120E-04	2.510E-06	1.894E-08
8.200E+03	2.772E-03	5.889E-01	2.032E-04	2.163E-20	1.693E-05	4.458E-04	2.607E-06	2.051E-08

Table II. - Continued.

P/P0 = 8.00E+00

C	C+	C++	C-	CO	CO1	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.186E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.406E-41	4.944E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.883E-28	2.146E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.788E-21	4.825E-48	1.000E+00	0.	5.000E+02
4.701E-80	4.642E-81	0.	0.	4.069E-16	7.826E-40	1.000E+00	0.	6.000E+02
3.504E-66	4.159E-68	0.	0.	1.422E-12	6.733E-34	1.000E+00	1.029E-92	7.000E+02
2.011E-56	1.095E-59	0.	0.	3.050E-10	2.017E-30	1.000E+00	9.992E-79	8.000E+02
1.222E-49	9.436E-55	0.	0.	7.783E-09	6.222E-29	1.000E+00	1.807E-69	9.000E+02
2.881E-44	6.502E-51	0.	0.	9.707E-08	7.951E-28	1.000E+00	3.566E-62	1.000E+03
7.157E-40	8.958E-48	0.	3.980E-78	7.611E-07	5.348E-27	1.000E+00	3.286E-56	1.100E+03
3.301E-36	3.719E-45	0.	1.338E-69	4.224E-06	3.585E-26	1.000E+00	3.072E-51	1.200E+03
4.158E-33	6.139E-43	0.	2.194E-62	1.797E-05	1.552E-25	1.000E+00	4.941E-47	1.300E+03
1.901E-30	4.908E-41	0.	3.350E-56	6.204E-05	5.450E-25	9.999E-01	1.993E-43	1.400E+03
3.837E-28	2.192E-39	2.565E-95	7.658E-51	1.813E-04	1.520E-24	9.997E-01	2.658E-40	1.500E+03
3.995E-26	6.115E-38	1.092E-91	3.740E-46	4.624E-04	4.202E-24	9.993E-01	1.442E-37	1.600E+03
2.410E-24	1.162E-36	1.760E-68	5.106E-42	1.055E-03	9.782E-24	9.984E-01	3.751E-35	1.700E+03
9.225E-23	2.453E-35	2.972E-85	1.570E-38	2.192E-03	3.192E-23	9.967E-01	5.205E-33	1.800E+03
2.407E-21	1.842E-33	5.512E-81	4.231E-36	4.208E-03	4.496E-22	9.937E-01	4.316E-31	1.900E+03
4.533E-20	1.324E-31	8.317E-77	4.471E-34	7.551E-02	7.150E-21	9.867E-01	2.299E-29	2.000E+03
6.453E-19	6.583E-30	5.423E-72	2.852E-32	1.278E-02	9.049E-20	9.808E-01	8.373E-28	2.100E+03
7.211E-18	2.314E-28	1.619E-69	1.248E-30	2.053E-02	9.154E-19	9.691E-01	2.195E-26	2.200E+03
6.525E-17	5.982E-27	2.438E-66	3.904E-29	3.152E-02	7.577E-18	9.526E-01	4.319E-25	2.300E+03
4.907E-16	1.190E-25	2.014E-63	9.096E-28	4.642E-02	5.259E-17	9.301E-01	5.605E-24	2.400E+03
3.134E-15	1.866E-24	9.818E-61	1.634E-26	6.583E-02	3.123E-16	9.008E-01	8.086E-22	2.500E+03
1.731E-14	2.377E-23	3.003E-58	2.331E-25	9.013E-02	1.607E-15	8.639E-01	8.11E-21	2.600E+03
8.395E-14	2.516E-22	6.070E-56	2.703E-24	1.194E-01	7.367E-15	8.193E-01	6.82E-20	2.700E+03
3.626E-13	2.258E-21	8.494E-54	2.602E-23	1.535E-01	2.994E-14	7.672E-01	4.887E-19	2.800E+03
1.410E-12	1.748E-20	8.545E-52	2.119E-22	1.915E-01	1.109E-13	7.084E-01	3.032E-18	2.900E+03
4.987E-12	1.186E-19	6.402E-50	1.481E-21	2.326E-01	3.732E-12	6.445E-01	1.651E-18	3.000E+03
1.619E-11	7.140E-19	3.678E-48	9.017E-21	2.752E-01	1.154E-12	5.773E-01	7.993E-18	3.100E+03
4.866E-11	3.846E-18	1.604E-46	4.838E-20	3.178E-01	3.321E-12	5.090E-01	3.477E-17	3.200E+03
1.363E-10	1.898E-17	6.071E-45	2.314E-19	3.587E-01	8.913E-12	4.417E-01	1.373E-16	3.300E+03
3.582E-10	8.555E-17	1.819E-43	9.958E-19	3.965E-01	2.249E-11	3.776E-01	4.973E-16	3.400E+03
8.893E-10	3.568E-16	4.588E-42	3.893E-18	4.302E-01	5.371E-11	3.181E-01	1.656E-15	3.500E+03
2.097E-09	1.388E-15	9.695E-41	1.394E-17	4.589E-01	1.220E-10	2.644E-01	5.208E-15	3.600E+03
4.722E-09	5.075E-15	1.845E-39	4.610E-17	4.823E-01	2.651E-10	2.171E-01	1.531E-14	3.700E+03
1.021E-08	1.756E-14	3.018E-38	1.417E-16	5.003E-01	5.535E-10	1.762E-01	4.267E-14	3.800E+03
2.127E-08	5.783E-14	4.400E-37	4.078E-16	5.135E-01	1.116E-09	1.417E-01	1.135E-13	3.900E+03
4.291E-08	1.823E-13	5.751E-35	1.105E-15	5.222E-01	2.181E-09	1.130E-01	2.899E-13	4.000E+03
8.418E-08	5.531E-13	6.848E-35	2.837E-15	5.272E-01	4.145E-09	8.942E-02	7.159E-13	4.100E+03
1.611E-07	1.620E-12	7.445E-34	6.934E-15	5.292E-01	7.688E-09	7.037E-02	1.717E-12	4.200E+03
3.014E-07	4.597E-12	7.458E-33	1.622E-14	5.291E-01	1.394E-08	5.515E-02	4.019E-12	4.300E+03
5.531E-07	1.266E-11	6.913E-32	3.650E-14	5.275E-01	2.477E-08	4.309E-02	9.208E-12	4.400E+03
9.970E-07	3.936E-11	5.942E-31	7.931E-14	5.250E-01	4.315E-08	2.363E-02	2.070E-11	4.500E+03
1.768E-06	8.836E-11	4.749E-30	1.672E-13	5.221E-01	7.373E-08	2.625E-02	4.575E-11	4.600E+03
3.085E-06	2.235E-10	3.529E-29	3.431E-13	5.191E-01	1.235E-07	2.052E-02	9.941E-11	4.700E+03
5.303E-06	5.488E-10	2.434E-28	6.882E-13	5.162E-01	2.027E-07	1.608E-02	2.125E-10	4.800E+03
8.978E-06	1.305E-09	1.558E-27	1.353E-12	5.135E-01	3.257E-07	1.266E-02	4.464E-10	4.900E+03
1.498E-05	3.008E-09	9.242E-27	2.616E-12	5.114E-01	5.117E-07	1.001E-02	9.214E-10	5.000E+03
2.461E-05	6.701E-09	5.079E-26	4.981E-12	5.094E-01	7.856E-07	7.953E-03	1.858E-09	5.100E+03
3.985E-05	1.443E-08	2.588E-25	9.361E-12	5.078E-01	1.179E-06	6.358E-03	3.716E-09	5.200E+03
6.250E-05	3.006E-08	1.224E-24	1.737E-11	5.064E-01	1.728E-06	5.113E-03	7.253E-09	5.300E+03
1.000E-04	6.059E-08	5.395E-24	3.187E-11	5.052E-01	2.480E-06	4.138E-03	1.389E-08	5.400E+03
1.551E-04	1.184E-07	2.222E-23	5.777E-11	5.042E-01	3.484E-06	3.369E-03	2.609E-08	5.500E+03
2.373E-04	2.245E-07	8.581E-23	1.035E-10	5.034E-01	4.802E-06	2.761E-03	4.810E-08	5.600E+03
3.581E-04	4.140E-07	3.121E-22	1.831E-10	5.026E-01	6.500E-06	2.276E-03	8.702E-08	5.700E+03
5.335E-04	7.435E-07	1.073E-21	3.201E-10	5.018E-01	8.552E-06	1.887E-03	1.546E-07	5.800E+03
7.845E-04	1.302E-06	3.498E-21	5.529E-10	5.010E-01	1.134E-05	1.573E-03	2.696E-07	5.900E+03
1.140E-03	2.226E-06	1.085E-20	9.432E-10	5.001E-01	1.454E-05	1.319E-03	4.620E-07	6.000E+03
1.635E-03	3.720E-06	3.204E-20	1.590E-09	4.991E-01	1.864E-05	1.111E-03	7.780E-07	6.100E+03
2.320E-03	6.078E-06	9.041E-20	2.650E-09	4.978E-01	2.342E-05	9.411E-04	1.288E-06	6.200E+03
3.252E-03	9.719E-06	2.440E-19	4.366E-09	4.962E-01	2.902E-05	8.006E-04	2.095E-06	6.300E+03
4.506E-03	1.522E-05	6.508E-19	7.113E-09	4.942E-01	3.550E-05	6.838E-04	3.350E-06	6.400E+03
6.174E-03	2.333E-05	1.564E-18	1.146E-08	4.915E-01	4.288E-05	5.863E-04	5.264E-06	6.500E+03
8.342E-03	3.505E-05	3.725E-18	1.827E-08	4.880E-01	5.113E-05	5.043E-04	8.126E-06	6.600E+03
1. E-02	5.163E-05	8.534E-18	2.878E-08	4.826E-01	6.022E-05	4.351E-04	1.232E-05	6.700E+03
1.481E-02	7.457E-05	1.884E-17	4.479E-08	4.781E-01	7.006E-05	3.762E-04	1.831E-05	6.800E+03
1.935E-02	1.057E-04	4.014E-17	6.882E-08	4.711E-01	8.057E-05	3.258E-04	2.659E-05	6.900E+03
2.496E-02	1.471E-04	8.274E-17	1.042E-07	4.625E-01	9.163E-05	2.825E-04	3.810E-05	7.000E+03
3.178E-02	2.010E-04	1.653E-16	1.555E-07	4.520E-01	1.031E-04	2.451E-04	5.219E-05	7.100E+03
3.991E-02	2.702E-04	3.209E-16	2.281E-07	4.396E-01	1.148E-04	2.125E-04	7.254E-05	7.200E+03
4.943E-02	3.572E-04	6.063E-16	3.286E-07	4.250E-01	1.266E-04	1.840E-04	9.657E-05	7.300E+03
6.034E-02	4.549E-04	1.117E-15	4.644E-07	4.083E-01	1.383E-04	1.590E-04	1.254E-04	7.400E+03
7.259E-02	5.961E-04	2.013E-15	6.435E-07	3.896E-01	1.498E-04	1.371E-04	1.586E-04	7.500E+03
8.606E-02	7.535E-04	3.552E-15	8.734E-07	3.689E-01	1.609E-04	1.177E-04	1.956E-04	7.600E+03
1.006E-01	9.397E-04	6.145E-15	1.161E-06	3.467E-01	1.714E-04	1.007E-04	2.350E-04	7.700E+03
1.158E-01	1.157E-03	1.044E-14	1.512E-06	3.232E-01	1.812E-04	8.573E-05	2.754E-04	7.800E+03
1.316E-01	1.408E-03	1.745E-14	1.928E-06	2.989E-01	1.901E-04	7.262E-05	3.148E-04	7.900E+03
1.475E-01	1.694E-03	2.872E-14	2.411E-06	2.743E-01	1.980E-04	6.118E-05	3.516E-04	8.000E+03
1.788E-01	2.376E-03	7.453E-14	3.566E-06	2.258E-01	2.105E-04	4.271E-05	4.108E-04	8.200E+03

Table II. - Continued.

T	E-	0	0+	0++	0-	82	02+	02-
8.400E+03	3.675E-03	6.033E-01	2.639E-04	7.336E-20	2.055E-05	3.981E-04	2.732E-06	2.175E-08
8.600E+03	4.755E-03	6.156E-01	3.420E-04	2.404E-19	2.433E-05	3.416E-04	2.877E-06	2.257E-08
8.800E+03	6.022E-03	6.256E-01	4.415E-04	7.603E-19	2.819E-05	2.988E-04	3.036E-06	2.299E-08
9.000E+03	7.491E-03	6.332E-01	5.667E-04	2.318E-18	3.206E-05	2.613E-04	3.204E-06	2.303E-08
9.200E+03	9.176E-03	6.387E-01	7.227E-04	6.807E-18	3.589E-05	2.284E-04	3.379E-06	2.278E-08
9.400E+03	1.109E-02	6.423E-01	9.151E-04	1.926E-17	3.965E-05	1.988E-04	3.557E-06	2.229E-08
9.600E+03	1.326E-02	6.446E-01	1.150E-03	5.254E-17	4.334E-05	1.750E-04	3.739E-06	2.165E-08
9.800E+03	1.570E-02	6.456E-01	1.435E-03	1.383E-16	4.695E-05	1.536E-04	3.923E-06	2.090E-08
1.000E+04	1.843E-02	6.456E-01	1.778E-03	3.517E-16	5.047E-05	1.350E-04	4.109E-06	2.008E-08
1.020E+04	2.147E-02	6.448E-01	2.187E-03	9.652E-16	5.390E-05	1.180E-04	4.296E-06	1.923E-08
1.040E+04	2.484E-02	6.433E-01	2.673E-03	2.062E-15	5.723E-05	1.052E-04	4.485E-06	1.836E-08
1.060E+04	2.855E-02	6.411E-01	3.244E-03	4.770E-15	6.044E-05	9.326E-05	4.674E-06	1.749E-08
1.080E+04	3.261E-02	6.385E-01	3.913E-03	1.072E-14	6.352E-05	8.271E-05	4.863E-06	1.662E-08
1.100E+04	3.705E-02	6.352E-01	4.692E-03	2.435E-14	6.646E-05	7.360E-05	5.052E-06	1.576E-08
1.120E+04	4.187E-02	6.315E-01	5.593E-03	4.997E-14	6.924E-05	6.562E-05	5.240E-06	1.492E-08
1.140E+04	4.707E-02	6.273E-01	6.632E-03	1.039E-13	7.185E-05	5.862E-05	5.427E-06	1.410E-08
1.160E+04	5.267E-02	6.227E-01	7.823E-03	2.111E-13	7.426E-05	5.246E-05	5.611E-06	1.330E-08
1.180E+04	5.867E-02	6.175E-01	9.181E-03	4.196E-13	7.646E-05	4.781E-05	5.792E-06	1.252E-08
1.200E+04	6.507E-02	6.118E-01	1.072E-02	8.164E-13	7.843E-05	4.218E-05	5.970E-06	1.177E-08
1.220E+04	7.186E-02	6.057E-01	1.247E-02	1.557E-12	8.016E-05	3.788E-05	6.142E-06	1.103E-08
1.240E+04	7.905E-02	5.990E-01	1.443E-02	2.913E-12	8.165E-05	3.405E-05	6.308E-06	1.032E-08
1.260E+04	8.661E-02	5.918E-01	1.664E-02	5.352E-12	8.286E-05	3.062E-05	6.467E-06	9.630E-09
1.280E+04	9.454E-02	5.842E-01	1.909E-02	9.664E-12	8.381E-05	2.755E-05	6.617E-06	8.966E-09
1.300E+04	1.028E-01	5.760E-01	2.183E-02	1.716E-11	8.448E-05	2.489E-05	6.758E-06	8.327E-09
1.320E+04	1.115E-01	5.672E-01	2.486E-02	2.999E-11	8.486E-05	2.291E-05	6.886E-06	7.713E-09
1.340E+04	1.204E-01	5.579E-01	2.820E-02	5.161E-11	8.496E-05	2.087E-05	7.002E-06	7.125E-09
1.360E+04	1.296E-01	5.481E-01	3.186E-02	8.752E-11	8.477E-05	1.885E-05	7.103E-06	6.563E-09
1.380E+04	1.392E-01	5.378E-01	3.587E-02	1.463E-10	8.431E-05	1.621E-05	7.188E-06	6.026E-09
1.400E+04	1.490E-01	5.269E-01	4.024E-02	2.413E-10	8.357E-05	1.466E-05	7.255E-06	5.517E-09
1.420E+04	1.590E-01	5.155E-01	4.497E-02	3.928E-10	8.256E-05	1.385E-05	7.302E-06	5.034E-09
1.440E+04	1.692E-01	5.036E-01	5.008E-02	6.312E-10	8.130E-05	1.169E-05	7.329E-06	4.578E-09
1.460E+04	1.796E-01	4.912E-01	5.557E-02	1.002E-09	7.979E-05	1.095E-05	7.333E-06	4.148E-09
1.480E+04	1.901E-01	4.783E-01	6.143E-02	1.571E-09	7.805E-05	9.325E-06	7.314E-06	3.745E-09
1.500E+04	2.008E-01	4.650E-01	6.768E-02	2.435E-09	7.610E-05	8.386E-06	7.270E-06	3.369E-09
1.520E+04	2.116E-01	4.512E-01	7.429E-02	3.731E-09	7.395E-05	7.382E-06	7.201E-06	3.018E-09
1.540E+04	2.225E-01	4.370E-01	8.125E-02	5.654E-09	7.163E-05	6.586E-06	7.107E-06	2.694E-09
1.560E+04	2.334E-01	4.224E-01	8.854E-02	8.477E-09	6.914E-05	5.789E-06	6.987E-06	2.394E-09
1.580E+04	2.443E-01	4.076E-01	9.615E-02	1.258E-08	6.652E-05	5.106E-06	6.842E-06	2.118E-09
1.600E+04	2.552E-01	3.924E-01	1.040E-01	1.847E-08	6.378E-05	4.481E-06	6.674E-06	1.866E-09
1.620E+04	2.660E-01	3.771E-01	1.122E-01	2.686E-08	6.095E-05	3.998E-06	6.483E-06	1.637E-09
1.640E+04	2.768E-01	3.615E-01	1.205E-01	3.869E-08	5.805E-05	3.442E-06	6.271E-06	1.429E-09
1.660E+04	2.874E-01	3.459E-01	1.290E-01	5.520E-08	5.511E-05	2.989E-06	6.041E-06	1.242E-09
1.680E+04	2.979E-01	3.303E-01	1.377E-01	7.805E-08	5.213E-05	2.684E-06	5.794E-06	1.075E-09
1.700E+04	3.083E-01	3.147E-01	1.464E-01	1.094E-07	4.916E-05	2.254E-06	5.534E-06	9.253E-10
1.720E+04	3.184E-01	2.991E-01	1.552E-01	1.520E-07	4.620E-05	1.944E-06	5.263E-06	7.930E-10
1.740E+04	3.283E-01	2.838E-01	1.639E-01	2.095E-07	4.327E-05	1.671E-06	4.985E-06	6.766E-10
1.760E+04	3.380E-01	2.687E-01	1.726E-01	2.864E-07	4.040E-05	1.432E-06	4.701E-06	5.746E-10
1.780E+04	3.474E-01	2.538E-01	1.812E-01	3.885E-07	3.761E-05	1.223E-06	4.416E-06	4.858E-10
1.800E+04	3.564E-01	2.393E-01	1.897E-01	5.230E-07	3.490E-05	1.041E-06	4.132E-06	4.089E-10
1.820E+04	3.652E-01	2.253E-01	1.975E-01	6.991E-07	3.229E-05	8.895E-07	3.851E-06	3.428E-10
1.840E+04	3.736E-01	2.116E-01	2.060E-01	9.280E-07	2.979E-05	7.475E-07	3.576E-06	2.862E-10
1.860E+04	3.816E-01	1.984E-01	2.138E-01	1.223E-06	2.741E-05	6.307E-07	3.310E-06	2.381E-10
1.880E+04	3.893E-01	1.858E-01	2.213E-01	1.602E-06	2.516E-05	5.388E-07	3.053E-06	1.973E-10
1.900E+04	3.966E-01	1.737E-01	2.285E-01	2.086E-06	2.304E-05	4.456E-07	2.807E-06	1.629E-10
1.920E+04	4.036E-01	1.621E-01	2.354E-01	2.698E-06	2.105E-05	3.732E-07	2.573E-06	1.342E-10
1.940E+04	4.101E-01	1.512E-01	2.420E-01	3.470E-06	1.919E-05	3.120E-07	2.353E-06	1.102E-10
1.960E+04	4.163E-01	1.408E-01	2.483E-01	4.437E-06	1.746E-05	2.684E-07	2.146E-06	9.022E-11
1.980E+04	4.222E-01	1.310E-01	2.542E-01	5.644E-06	1.586E-05	2.169E-07	1.953E-06	7.372E-11
2.000E+04	4.277E-01	1.217E-01	2.598E-01	7.141E-06	1.438E-05	1.805E-07	1.774E-06	6.012E-11
2.020E+04	4.328E-01	1.131E-01	2.650E-01	8.989E-06	1.303E-05	1.590E-07	1.608E-06	4.894E-11
2.040E+04	4.376E-01	1.049E-01	2.699E-01	1.126E-05	1.179E-05	1.246E-07	1.455E-06	3.979E-11
2.060E+04	4.421E-01	9.736E-02	2.745E-01	1.404E-05	1.065E-05	1.034E-07	1.315E-06	3.231E-11
2.080E+04	4.463E-01	9.029E-02	2.788E-01	1.743E-05	9.617E-06	8.579E-08	1.188E-06	2.621E-11
2.100E+04	4.502E-01	8.370E-02	2.828E-01	2.153E-05	8.678E-06	7.116E-08	1.071E-06	2.126E-11
2.120E+04	4.538E-01	7.759E-02	2.865E-01	2.649E-05	7.824E-06	5.903E-08	9.652E-07	1.723E-11
2.140E+04	4.572E-01	7.191E-02	2.899E-01	3.247E-05	7.055E-06	4.887E-08	8.692E-07	1.397E-11
2.160E+04	4.603E-01	6.665E-02	2.931E-01	3.963E-05	6.358E-06	4.084E-08	7.825E-07	1.132E-11
2.180E+04	4.632E-01	6.179E-02	2.960E-01	4.818E-05	5.729E-06	3.375E-08	7.041E-07	9.178E-12
2.200E+04	4.659E-01	5.729E-02	2.987E-01	5.837E-05	5.163E-06	2.884E-08	6.335E-07	7.445E-12
2.220E+04	4.685E-01	5.313E-02	3.012E-01	7.045E-05	4.652E-06	2.332E-08	5.699E-07	6.043E-12
2.240E+04	4.708E-01	4.929E-02	3.034E-01	8.474E-05	4.193E-06	1.991E-08	5.127E-07	4.910E-12
2.260E+04	4.730E-01	4.574E-02	3.055E-01	1.016E-04	3.780E-06	1.627E-08	4.614E-07	3.992E-12
2.280E+04	4.750E-01	4.247E-02	3.074E-01	1.214E-04	3.409E-06	1.349E-08	4.152E-07	3.250E-12
2.300E+04	4.769E-01	3.945E-02	3.091E-01	1.446E-04	3.076E-06	1.127E-08	3.738E-07	2.649E-12
2.320E+04	4.787E-01	3.667E-02	3.107E-01	1.716E-04	2.777E-06	9.482E-09	3.367E-07	2.161E-12
2.340E+04	4.804E-01	3.410E-02	3.121E-01	2.032E-04	2.508E-06	7.880E-09	3.034E-07	1.766E-12
2.360E+04	4.820E-01	3.173E-02	3.134E-01	2.398E-04	2.267E-06	6.626E-09	2.735E-07	1.445E-12
2.380E+04	4.835E-01	2.955E-02	3.145E-01	2.822E-04	2.050E-06	5.556E-09	2.468E-07	1.185E-12
2.400E+04	4.849E-01	2.753E-02	3.155E-01	3.311E-04	1.855E-06	4.673E-09	2.227E-07	9.724E-13
2.420E+04	4.863E-01	2.567E-02	3.164E-01	3.875E-04	1.680E-06	3.936E-09	2.012E-07	7.995E-13
2.440E+04	4.876E-01	2.395E-02	3.172E-01	4.523E-04	1.523E-06	3.320E-09	1.818E-07	6.585E-13
2.460E+04	4.889E-01	2.236E-02	3.179E-01	5.265E-04	1.381E-06	2.805E-09	1.644E-07	5.432E-13
2.480E+04	4.901E-01	2.090E-02	3.184E-01	6.114E-04	1.254E-06	2.374E-09	1.488E-07	4.489E-13
2.500E+04	4.913E-01	1.954E-02	3.189E-01	7.061E-04	1.139E-06	2.012E-09	1.347E-07	3.716E-13



Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.075E-01	3.216E-03	1.837E-13	4.930E-06	1.809E-01	2.184E-04	2.920E-05	4.448E-04	8.400E+03
2.322E-01	4.219E-03	4.324E-13	6.437E-06	1.418E-01	2.219E-04	1.961E-05	4.522E-04	8.500E+03
2.523E-01	5.392E-03	9.751E-13	8.015E-06	1.093E-01	2.216E-04	1.299E-05	4.374E-04	8.800E+03
2.679E-01	6.744E-03	2.121E-12	9.604E-06	8.323E-02	2.182E-04	8.541E-06	4.073E-04	9.000E+03
2.793E-01	8.284E-03	4.450E-12	1.116E-05	6.298E-02	2.127E-04	5.595E-06	3.688E-04	9.200E+03
2.873E-01	1.003E-02	9.040E-12	1.267E-05	4.755E-02	2.057E-04	3.667E-06	3.274E-04	9.400E+03
2.925E-01	1.197E-02	1.782E-11	1.410E-05	3.588E-02	1.980E-04	2.413E-06	2.866E-04	9.500E+03
2.954E-01	1.414E-02	3.416E-11	1.546E-05	2.714E-02	1.898E-04	1.597E-06	2.486E-04	9.800E+03
2.965E-01	1.654E-02	6.578E-11	1.674E-05	2.062E-02	1.815E-04	1.053E-06	2.142E-04	1.000E+04
2.961E-01	1.918E-02	1.162E-10	1.794E-05	1.574E-02	1.732E-04	7.162E-07	1.839E-04	1.020E+04
2.946E-01	2.207E-02	2.070E-10	1.906E-05	1.207E-02	1.651E-04	4.856E-07	1.574E-04	1.040E+04
2.921E-01	2.522E-02	3.606E-10	2.008E-05	9.312E-03	1.573E-04	3.322E-07	1.346E-04	1.060E+04
2.987E-01	2.863E-02	6.157E-10	2.101E-05	7.221E-03	1.497E-04	2.291E-07	1.149E-04	1.080E+04
2.847E-01	3.230E-02	1.031E-09	2.184E-05	5.529E-03	1.425E-04	1.593E-07	9.799E-05	1.100E+04
2.800E-01	3.622E-02	1.695E-09	2.256E-05	4.410E-03	1.354E-04	1.116E-07	8.353E-05	1.120E+04
2.747E-01	4.040E-02	2.739E-09	2.318E-05	3.472E-03	1.287E-04	7.876E-08	7.115E-05	1.140E+04
2.689E-01	4.482E-02	4.353E-09	2.368E-05	2.745E-03	1.222E-04	5.594E-08	6.055E-05	1.160E+04
2.627E-01	4.947E-02	6.809E-09	2.406E-05	2.179E-03	1.159E-04	3.998E-08	5.149E-05	1.180E+04
2.560E-01	5.433E-02	1.049E-08	2.431E-05	1.736E-03	1.099E-04	2.872E-08	4.375E-05	1.200E+04
2.489E-01	5.949E-02	1.594E-08	2.445E-05	1.388E-03	1.040E-04	2.074E-08	3.709E-05	1.220E+04
2.415E-01	6.451E-02	2.389E-08	2.446E-05	1.113E-03	9.838E-05	1.504E-08	3.141E-05	1.240E+04
2.338E-01	6.998E-02	3.534E-08	2.435E-05	8.950E-04	9.291E-05	1.095E-08	2.656E-05	1.260E+04
2.258E-01	7.546E-02	5.162E-08	2.412E-05	7.214E-04	8.760E-05	8.003E-09	2.241E-05	1.280E+04
2.176E-01	8.102E-02	7.450E-08	2.378E-05	5.826E-04	8.247E-05	5.865E-09	1.887E-05	1.300E+04
2.092E-01	8.662E-02	1.063E-07	2.334E-05	4.713E-04	7.750E-05	4.308E-09	1.586E-05	1.320E+04
2.006E-01	9.223E-02	1.499E-07	2.280E-05	3.619E-04	7.270E-05	3.171E-09	1.330E-05	1.340E+04
1.920E-01	9.782E-02	2.093E-07	2.216E-05	3.098E-04	6.805E-05	2.338E-09	1.112E-05	1.360E+04
1.834E-01	1.033E-01	2.892E-07	2.146E-05	2.516E-04	6.357E-05	1.726E-09	9.281E-06	1.380E+04
1.747E-01	1.089E-01	3.957E-07	2.068E-05	2.045E-04	5.925E-05	1.275E-09	7.725E-06	1.400E+04
1.661E-01	1.140E-01	5.362E-07	1.985E-05	1.663E-04	5.510E-05	9.428E-10	6.414E-06	1.420E+04
1.576E-01	1.191E-01	7.201E-07	1.897E-05	1.253E-04	5.111E-05	6.972E-10	5.312E-06	1.440E+04
1.493E-01	1.241E-01	9.585E-07	1.806E-05	1.101E-04	4.730E-05	5.154E-10	4.389E-06	1.460E+04
1.411E-01	1.288E-01	1.265E-06	1.713E-05	8.957E-05	4.366E-05	3.810E-10	3.617E-06	1.480E+04
1.331E-01	1.332E-01	1.657E-06	1.619E-05	7.289E-05	4.020E-05	2.814E-10	2.974E-06	1.500E+04
1.253E-01	1.374E-01	2.152E-06	1.525E-05	5.930E-05	3.691E-05	2.076E-10	2.440E-06	1.520E+04
1.178E-01	1.413E-01	2.776E-06	1.431E-05	4.823E-05	3.381E-05	1.530E-10	1.998E-06	1.540E+04
1.106E-01	1.449E-01	3.554E-06	1.339E-05	3.921E-05	3.088E-05	1.127E-10	1.633E-06	1.560E+04
1.037E-01	1.482E-01	4.520E-06	1.249E-05	3.186E-05	2.813E-05	8.281E-11	1.332E-06	1.580E+04
9.707E-02	1.512E-01	5.711E-06	1.162E-05	2.587E-05	2.556E-05	6.077E-11	1.085E-06	1.600E+04
9.075E-02	1.539E-01	7.173E-06	1.077E-05	2.100E-05	2.317E-05	4.451E-11	8.820E-07	1.620E+04
8.475E-02	1.563E-01	8.955E-06	9.965E-06	1.703E-05	2.094E-05	3.254E-11	7.162E-07	1.640E+04
7.907E-02	1.584E-01	1.112E-05	9.195E-06	1.381E-05	1.888E-05	2.375E-11	5.809E-07	1.660E+04
7.371E-02	1.603E-01	1.373E-05	8.464E-06	1.118E-05	1.699E-05	1.729E-11	4.707E-07	1.680E+04
6.865E-02	1.619E-01	1.688E-05	7.775E-06	9.054E-06	1.524E-05	1.257E-11	3.610E-07	1.700E+04
6.390E-02	1.633E-01	2.065E-05	7.127E-06	7.325E-06	1.365E-05	9.113E-12	3.083E-07	1.720E+04
5.944E-02	1.644E-01	2.515E-05	6.520E-06	5.922E-06	1.220E-05	6.596E-12	2.493E-07	1.740E+04
5.527E-02	1.654E-01	2.950E-05	5.954E-06	4.785E-06	1.088E-05	4.764E-12	2.015E-07	1.760E+04
5.138E-02	1.661E-01	3.684E-05	5.428E-06	3.865E-06	9.681E-06	3.435E-12	1.629E-07	1.780E+04
4.775E-02	1.667E-01	4.435E-05	4.941E-06	3.120E-06	8.601E-06	2.473E-12	1.317E-07	1.800E+04
4.437E-02	1.672E-01	5.319E-05	4.492E-06	2.518E-06	7.630E-06	1.777E-12	1.065E-07	1.820E+04
4.123E-02	1.675E-01	6.360E-05	4.078E-06	2.032E-06	6.759E-06	1.275E-12	8.615E-08	1.840E+04
3.831E-02	1.677E-01	7.580E-05	3.699E-06	1.639E-06	5.979E-06	9.141E-13	6.973E-08	1.860E+04
3.561E-02	1.679E-01	9.008E-05	3.251E-06	1.323E-06	5.283E-06	6.556E-13	5.648E-08	1.880E+04
3.310E-02	1.679E-01	1.057E-04	3.034E-06	1.058E-06	4.664E-06	4.683E-13	4.579E-08	1.900E+04
3.079E-02	1.679E-01	1.262E-04	2.744E-06	8.618E-07	4.114E-06	3.349E-13	3.716E-08	1.920E+04
2.864E-02	1.678E-01	1.488E-04	2.481E-06	6.960E-07	3.626E-06	2.395E-13	3.019E-08	1.940E+04
2.666E-02	1.677E-01	1.749E-04	2.242E-06	5.524E-07	3.195E-06	1.712E-13	2.456E-08	1.960E+04
2.483E-02	1.674E-01	2.753E-04	2.025E-06	4.548E-07	2.814E-06	1.224E-13	2.001E-08	1.980E+04
2.314E-02	1.674E-01	2.403E-04	1.829E-06	3.681E-07	2.478E-06	8.750E-14	1.632E-08	2.000E+04
2.158E-02	1.672E-01	2.807E-04	1.652E-06	2.982E-07	2.182E-06	6.272E-14	1.324E-08	2.020E+04
2.013E-02	1.670E-01	3.272E-04	1.492E-06	2.418E-07	1.921E-06	4.495E-14	1.092E-08	2.040E+04
1.880E-02	1.668E-01	3.806E-04	1.347E-06	1.964E-07	1.692E-06	3.225E-14	8.949E-09	2.060E+04
1.757E-02	1.665E-01	4.417E-04	1.217E-06	1.597E-07	1.490E-06	2.318E-14	7.349E-09	2.080E+04
1.643E-02	1.663E-01	5.117E-04	1.099E-06	1.300E-07	1.313E-06	1.668E-14	6.046E-09	2.100E+04
1.538E-02	1.661E-01	5.916E-04	9.931E-07	1.060E-07	1.158E-06	1.203E-14	4.984E-09	2.120E+04
1.441E-02	1.658E-01	6.825E-04	8.977E-07	8.659E-08	1.021E-06	8.689E-15	4.115E-09	2.140E+04
1.351E-02	1.656E-01	7.859E-04	8.118E-07	7.084E-08	9.013E-07	6.291E-15	3.404E-09	2.160E+04
1.267E-02	1.653E-01	9.032E-04	7.344E-07	5.805E-08	7.960E-07	4.565E-15	2.822E-09	2.180E+04
1.190E-02	1.651E-01	1.036E-03	6.648E-07	4.766E-08	7.035E-07	3.320E-15	2.343E-09	2.200E+04
1.119E-02	1.648E-01	1.185E-03	6.020E-07	3.919E-08	6.222E-07	2.421E-15	1.949E-09	2.220E+04
1.052E-02	1.645E-01	1.355E-03	5.455E-07	3.229E-08	5.508E-07	1.770E-15	1.624E-09	2.240E+04
9.903E-03	1.642E-01	1.345E-03	4.945E-07	2.665E-08	4.880E-07	1.297E-15	1.356E-09	2.260E+04
9.329E-03	1.639E-01	1.759E-03	4.487E-07	2.204E-08	4.326E-07	9.536E-16	1.134E-09	2.280E+04
8.794E-03	1.636E-01	1.998E-03	4.075E-07	1.826E-08	3.839E-07	7.028E-16	9.497E-10	2.300E+04
8.296E-03	1.632E-01	2.265E-03	3.700E-07	1.516E-08	3.410E-07	5.195E-16	7.968E-10	2.320E+04
7.832E-03	1.628E-01	2.563E-03	3.362E-07	1.260E-08	3.031E-07	3.850E-16	6.596E-10	2.340E+04
7.399E-03	1.624E-01	2.894E-03	3.058E-07	1.050E-08	2.696E-07	2.862E-16	5.636E-10	2.360E+04
6.994E-03	1.619E-01	3.262E-03	2.782E-07	8.762E-09	2.401E-07	2.133E-16	4.750E-10	2.380E+04
6.615E-03	1.614E-01	3.570E-03	2.533E-07	7.325E-09	2.139E-07	1.594E-16	4.009E-10	2.400E+04
6.260E-03	1.609E-01	4.120E-03	2.308E-07	6.135E-09	1.908E-07	1.195E-16	3.389E-10	2.420E+04
5.927E-03	1.603E-01	4.515E-03	2.104E-07	5.146E-09	1.702E-07	8.982E-17	2.868E-10	2.440E+04
5.615E-03	1.596E-01	5.162E-03	1.919E-07	4.324E-09	1.520E-07	6.769E-17	2.430E-10	2.460E+04
5.321E-03	1.589E-01	5.761E-03	1.751E-07	3.639E-09	1.359E-07	5.115E-17	2.061E-10	2.480E+04
5.044E-03	1.581E-01	6.417E-03	1.598E-07	3.068E-09	1.215E-07	3.876E-17	1.750E-10	2.500E+04



Table II. - Continued.

P/PO = 9.00E+00

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.542E-11	1.760E-18	0.
2.000E+02	0.	2.536E-68	0.	0.	0.	5.141E-11	1.760E-18	0.
3.000E+02	0.	1.228E-46	1.014E-80	0.	0.	6.001E-11	1.760E-18	0.
4.000E+02	0.	7.841E-36	2.873E-63	0.	0.	4.706E-11	1.760E-18	0.
5.000E+02	0.	2.757E-29	7.947E-53	0.	0.	5.024E-11	1.760E-18	0.
6.000E+02	0.	6.462E-25	7.513E-44	0.	0.	5.157E-11	1.760E-18	4.014E-96
7.000E+02	5.050E-80	8.345E-22	7.635E-41	0.	1.207E-90	4.851E-11	1.760E-18	6.551E-83
8.000E+02	1.967E-68	3.711E-19	2.149E-37	0.	7.062E-78	1.939E-10	1.760E-18	9.317E-72
9.000E+02	1.397E-58	1.106E-16	4.046E-35	0.	1.036E-66	3.789E-09	1.760E-18	1.949E-61
1.000E+03	1.247E-50	1.133E-14	2.515E-33	0.	1.090E-57	4.671E-08	1.760E-18	4.998E-53
1.100E+03	4.092E-44	5.030E-13	7.400E-32	0.	2.646E-50	3.640E-07	1.760E-18	3.280E-46
1.200E+03	1.120E-38	1.189E-11	1.245E-30	0.	3.771E-44	2.031E-06	1.760E-18	1.680E-40
1.300E+03	4.520E-34	1.731E-10	1.362E-29	0.	6.068E-39	8.688E-06	1.760E-18	1.134E-35
1.400E+03	4.064E-30	1.720E-09	1.062E-28	0.	1.759E-34	2.982E-05	1.760E-18	1.558E-31
1.500E+03	1.092E-26	1.259E-08	6.312E-28	0.	1.293E-30	8.724E-05	1.760E-18	5.980E-28
1.600E+03	1.109E-23	7.189E-08	3.011E-27	0.	3.121E-27	2.223E-04	1.760E-18	8.164E-25
1.700E+03	4.994E-21	3.345E-07	1.196E-26	0.	2.998E-24	5.070E-04	1.765E-18	4.736E-22
1.800E+03	7.739E-19	1.312E-06	6.105E-26	0.	9.031E-22	1.083E-03	2.624E-18	9.096E-20
1.900E+03	1.448E-17	4.455E-06	1.279E-24	0.	3.041E-20	2.021E-03	1.831E-17	2.043E-18
2.000E+03	1.344E-16	1.338E-05	3.007E-23	0.	4.754E-19	3.624E-03	1.588E-16	2.215E-17
2.100E+03	9.743E-16	3.613E-05	5.434E-22	0.	5.482E-18	6.127E-03	1.164E-15	1.830E-16
2.200E+03	5.875E-15	8.903E-05	7.605E-21	1.803E-85	5.007E-17	9.885E-03	7.157E-15	1.231E-15
2.300E+03	3.027E-14	2.024E-04	8.493E-20	1.371E-81	3.742E-16	1.587E-02	3.758E-14	6.941E-15
2.400E+03	1.359E-13	4.283E-04	7.779E-19	4.992E-78	2.345E-15	2.214E-02	1.717E-13	3.346E-14
2.500E+03	5.402E-13	8.507E-04	5.980E-18	9.510E-75	1.257E-14	3.130E-02	6.928E-13	1.403E-13
2.600E+03	1.927E-12	1.596E-03	3.937E-17	1.021E-71	5.861E-14	4.248E-02	2.503E-12	5.189E-13
2.700E+03	6.235E-12	2.842E-03	2.257E-16	6.590E-69	2.409E-13	5.627E-02	8.181E-12	1.712E-12
2.800E+03	1.849E-11	4.828E-03	1.143E-15	2.700E-66	8.837E-13	7.183E-02	2.443E-11	5.085E-12
2.900E+03	5.965E-11	7.853E-03	5.178E-15	7.361E-64	2.922E-12	8.890E-02	6.718E-11	1.372E-11
3.000E+03	1.291E-10	1.227E-02	2.122E-14	1.393E-61	8.783E-12	1.048E-01	1.713E-10	3.383E-11
3.100E+03	3.080E-10	1.848E-02	7.937E-14	1.893E-59	2.418E-11	1.247E-01	4.077E-10	7.674E-11
3.200E+03	6.914E-10	2.689E-02	2.734E-13	1.912E-57	6.140E-11	1.426E-01	9.105E-10	1.610E-10
3.300E+03	1.468E-09	3.788E-02	8.738E-13	1.473E-55	1.446E-10	1.585E-01	1.917E-09	3.139E-10
3.400E+03	2.959E-09	5.178E-02	2.608E-12	8.872E-54	3.175E-10	1.686E-01	3.824E-09	5.712E-10
3.500E+03	5.684E-09	6.882E-02	7.310E-12	4.271E-52	6.529E-10	1.782E-01	7.253E-09	9.740E-10
3.600E+03	1.044E-08	8.910E-02	1.935E-11	1.675E-50	1.263E-09	1.818E-01	1.313E-08	1.562E-09
3.700E+03	1.840E-08	1.125E-01	4.859E-11	5.442E-49	2.308E-09	1.823E-01	2.277E-08	2.364E-09
3.800E+03	3.117E-08	1.388E-01	1.162E-10	1.491E-47	3.995E-09	1.787E-01	3.791E-08	3.386E-09
3.900E+03	5.092E-08	1.675E-01	2.658E-10	3.481E-46	6.575E-09	1.724E-01	6.078E-08	4.604E-09
4.000E+03	8.038E-08	1.980E-01	5.832E-10	7.020E-45	1.032E-08	1.621E-01	9.403E-08	5.956E-09
4.100E+03	1.229E-07	2.295E-01	1.231E-09	1.236E-43	1.548E-08	1.483E-01	1.407E-07	7.355E-09
4.200E+03	1.825E-07	2.610E-01	2.504E-09	1.917E-42	2.229E-08	1.340E-01	2.038E-07	8.691E-09
4.300E+03	2.637E-07	2.918E-01	4.925E-09	2.640E-41	3.087E-08	1.188E-01	2.866E-07	9.860E-09
4.400E+03	3.718E-07	3.210E-01	9.373E-09	3.252E-40	4.127E-08	1.036E-01	3.915E-07	1.078E-08
4.500E+03	5.128E-07	3.480E-01	1.729E-08	3.602E-39	5.349E-08	8.906E-02	5.205E-07	1.140E-08
4.600E+03	6.941E-07	3.722E-01	3.094E-08	3.602E-38	6.746E-08	7.555E-02	6.743E-07	1.173E-08
4.700E+03	9.248E-07	3.935E-01	5.377E-08	3.263E-37	8.316E-08	6.341E-02	8.521E-07	1.180E-08
4.800E+03	1.217E-06	4.119E-01	9.074E-08	2.685E-36	1.007E-07	5.278E-02	1.051E-06	1.166E-08
4.900E+03	1.586E-06	4.275E-01	1.488E-07	2.011E-35	1.202E-07	4.367E-02	1.268E-06	1.138E-08
5.000E+03	2.053E-06	4.404E-01	2.372E-07	1.374E-34	1.421E-07	3.680E-02	1.496E-06	1.103E-08
5.100E+03	2.647E-06	4.511E-01	3.676E-07	8.574E-34	1.669E-07	2.962E-02	1.728E-06	1.066E-08
5.200E+03	3.405E-06	4.599E-01	5.544E-07	4.904E-33	1.954E-07	2.436E-02	1.957E-06	1.030E-08
5.300E+03	4.375E-06	4.671E-01	8.147E-07	2.580E-32	2.283E-07	2.006E-02	2.175E-06	9.979E-09
5.400E+03	5.619E-06	4.729E-01	1.168E-06	1.253E-31	2.667E-07	1.656E-02	2.377E-06	9.709E-09
5.500E+03	7.214E-06	4.776E-01	1.636E-06	5.643E-31	3.116E-07	1.370E-02	2.558E-06	9.494E-09
5.600E+03	9.255E-06	4.815E-01	2.245E-06	2.369E-30	3.642E-07	1.139E-02	2.717E-06	9.332E-09
5.700E+03	1.186E-05	4.846E-01	3.020E-06	9.315E-30	4.258E-07	9.486E-03	2.851E-06	9.222E-09
5.800E+03	1.519E-05	4.872E-01	3.992E-06	3.445E-29	4.979E-07	7.955E-03	2.962E-06	9.159E-09
5.900E+03	1.941E-05	4.894E-01	5.193E-06	1.203E-28	5.821E-07	6.684E-03	3.051E-06	9.146E-09
6.000E+03	2.476E-05	4.913E-01	6.654E-06	3.985E-28	6.804E-07	5.659E-03	3.117E-06	9.127E-09
6.100E+03	3.153E-05	4.929E-01	8.409E-06	1.255E-27	7.953E-07	4.887E-03	3.162E-06	9.21E-09
6.200E+03	4.007E-05	4.943E-01	1.049E-05	3.765E-27	9.296E-07	4.183E-03	3.188E-06	9.344E-09
6.300E+03	5.084E-05	4.957E-01	1.292E-05	1.079E-26	1.087E-06	3.528E-03	3.196E-06	9.503E-09
6.400E+03	6.442E-05	4.970E-01	1.573E-05	2.963E-26	1.271E-06	3.092E-03	3.186E-06	9.712E-09
6.500E+03	8.151E-05	4.984E-01	1.893E-05	7.802E-26	1.488E-06	2.626E-03	3.160E-06	9.977E-09
6.600E+03	1.030E-04	5.000E-01	2.255E-05	1.975E-25	1.743E-06	2.285E-03	3.121E-06	1.030E-08
6.700E+03	1.300E-04	5.017E-01	2.660E-05	4.814E-25	2.043E-06	1.999E-03	3.070E-06	1.069E-08
6.800E+03	1.638E-04	5.037E-01	3.110E-05	1.133E-24	2.396E-06	1.758E-03	3.012E-06	1.115E-08
6.900E+03	2.059E-04	5.061E-01	3.608E-05	2.583E-24	2.812E-06	1.554E-03	2.948E-06	1.169E-08
7.000E+03	2.583E-04	5.089E-01	4.157E-05	5.716E-24	3.299E-06	1.381E-03	2.883E-06	1.230E-08
7.100E+03	3.230E-04	5.123E-01	4.763E-05	1.232E-23	3.868E-06	1.234E-03	2.820E-06	1.299E-08
7.200E+03	4.023E-04	5.162E-01	5.434E-05	2.591E-23	4.529E-06	1.110E-03	2.761E-06	1.375E-08
7.300E+03	4.987E-04	5.208E-01	6.181E-05	5.341E-23	5.291E-06	1.003E-03	2.711E-06	1.460E-08
7.400E+03	6.149E-04	5.260E-01	7.017E-05	1.081E-22	6.164E-06	9.118E-04	2.671E-06	1.551E-08
7.500E+03	7.535E-04	5.319E-01	7.958E-05	2.155E-22	7.155E-06	8.392E-04	2.642E-06	1.648E-08
7.600E+03	9.173E-04	5.384E-01	9.022E-05	4.238E-22	8.268E-06	7.652E-04	2.625E-06	1.750E-08
7.700E+03	1.109E-03	5.455E-01	1.023E-04	8.236E-22	9.507E-06	7.059E-04	2.621E-06	1.856E-08
7.800E+03	1.331E-03	5.530E-01	1.161E-04	1.584E-21	1.087E-05	6.587E-04	2.630E-06	1.963E-08
7.900E+03	1.585E-03	5.607E-01	1.319E-04	3.019E-21	1.236E-05	6.074E-04	2.651E-06	2.089E-08
8.000E+03	1.874E-03	5.687E-01	1.499E-04	5.704E-21	1.396E-05	5.659E-04	2.683E-06	2.173E-08
8.200E+03	2.562E-03	5.844E-01	1.940E-04	1.986E-20	1.746E-05	4.939E-04	2.777E-06	2.363E-08

Table II. - Continued.

P/P0 = 9.00E+00

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.069E-55	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.533E-41	4.004E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.812E-28	2.132E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.447E-21	4.398E-48	1.000E+00	0.	5.000E+02
4.161E-80	4.083E-81	0.	0.	3.826E-16	7.321E-40	1.000E+00	0.	6.000E+02
3.050E-66	3.546E-58	0.	0.	1.327E-12	6.153E-34	1.000E+00	8.858E-93	7.000E+02
1.943E-56	1.026E-39	0.	0.	2.920E-10	1.991E-30	1.000E+00	9.444E-79	8.000E+02
1.129E-49	9.059E-35	0.	0.	7.481E-09	6.215E-29	1.000E+00	1.734E-69	9.000E+02
2.663E-44	6.252E-51	0.	2.074E-38	9.333E-08	7.951E-28	1.000E+00	3.429E-62	1.000E+03
5.509E-40	8.611E-48	0.	3.538E-38	7.218E-07	6.348E-27	1.000E+00	3.150E-56	1.100E+03
3.052E-36	3.576E-45	0.	1.190E-29	4.061E-06	3.585E-26	1.000E+00	2.934E-51	1.200E+03
3.853E-33	3.903E-43	0.	1.930E-22	1.728E-05	1.352E-25	1.070E+00	4.751E-47	1.300E+03
1.757E-30	4.713E-41	0.	2.978E-26	5.965E-05	5.450E-25	9.449E-01	1.916E-45	1.400E+03
3.548E-28	2.110E-39	2.565E-95	6.790E-31	1.743E-04	1.519E-24	9.997E-01	2.556E-40	1.500E+03
3.693E-26	5.882E-38	1.092E-91	3.325E-46	4.466E-04	4.202E-24	9.993E-01	1.387E-37	1.600E+03
2.228E-24	1.116E-36	1.758E-88	4.541E-42	1.014E-03	9.777E-24	9.985E-01	5.587E-35	1.700E+03
8.529E-23	2.271E-35	2.754E-85	1.449E-38	2.178E-03	3.073E-23	9.968E-01	5.005E-33	1.800E+03
2.225E-21	1.651E-33	4.789E-91	4.035E-36	4.047E-03	4.192E-22	9.929E-01	4.150E-31	1.900E+03
4.191E-20	1.184E-31	7.190E-77	4.227E-34	7.262E-03	6.650E-21	9.891E-01	2.211E-29	2.000E+03
5.960E-19	5.887E-30	4.691E-73	2.727E-32	1.229E-02	8.417E-20	9.815E-01	8.053E-28	2.100E+03
6.668E-18	2.070E-29	1.402E-69	1.193E-30	1.976E-02	8.522E-19	9.703E-01	2.112E-26	2.200E+03
6.035E-17	5.368E-27	2.112E-66	3.730E-29	3.034E-02	7.059E-18	9.544E-01	4.157E-25	2.300E+03
4.540E-16	1.065E-25	1.746E-63	8.692E-28	4.471E-02	4.903E-17	9.327E-01	6.350E-24	2.400E+03
2.900E-15	1.672E-24	8.515E-61	1.562E-26	6.345E-02	2.914E-16	9.044E-01	7.789E-23	2.500E+03
1.602E-14	2.130E-23	2.604E-58	2.229E-25	8.646E-02	1.501E-15	8.688E-01	7.824E-22	2.600E+03
7.776E-14	2.254E-22	5.255E-56	2.587E-24	1.154E-01	6.854E-15	8.255E-01	6.582E-21	2.700E+03
3.960E-13	2.023E-21	7.359E-54	2.494E-23	1.485E-01	2.801E-14	7.749E-01	4.721E-20	2.800E+03
1.307E-12	1.356E-20	7.397E-52	2.033E-22	1.856E-01	1.038E-13	7.175E-01	2.933E-19	2.900E+03
4.628E-12	1.037E-19	5.531E-50	1.424E-21	2.259E-01	3.497E-13	6.550E-01	1.600E-18	3.000E+03
1.504E-11	6.389E-19	3.171E-48	8.690E-21	2.679E-01	1.084E-12	5.890E-01	7.734E-16	3.100E+03
4.522E-11	3.453E-18	1.431E-46	4.674E-20	3.101E-01	3.117E-12	5.215E-01	3.378E-17	3.200E+03
1.257E-10	1.659E-17	5.202E-45	2.241E-19	3.509E-01	8.271E-12	4.547E-01	1.536E-15	3.300E+03
3.333E-10	7.522E-17	1.552E-43	9.675E-19	3.890E-01	2.113E-11	3.905E-01	4.844E-16	3.400E+03
8.278E-10	3.172E-16	3.897E-42	3.794E-18	4.252E-01	5.047E-11	3.307E-01	1.524E-15	3.500E+03
1.952E-09	1.231E-15	8.359E-41	1.363E-17	4.527E-01	1.146E-10	2.764E-01	5.078E-15	3.600E+03
4.295E-09	4.485E-15	1.548E-39	4.520E-17	4.771E-01	2.490E-10	2.282E-01	1.493E-14	3.700E+03
9.949E-09	1.545E-14	2.515E-38	1.293E-15	4.962E-01	3.195E-10	1.863E-01	4.155E-14	3.800E+03
1.977E-08	5.068E-14	3.624E-37	4.070E-16	5.104E-01	1.046E-09	1.506E-01	1.103E-13	3.900E+03
3.983E-08	1.590E-13	4.711E-36	1.092E-15	5.201E-01	2.041E-09	1.208E-01	2.810E-13	4.000E+03
7.798E-08	4.795E-13	5.555E-35	2.808E-15	5.261E-01	3.871E-09	9.613E-02	6.912E-13	4.100E+03
1.488E-07	1.396E-12	5.980E-34	6.874E-15	5.289E-01	7.162E-09	7.607E-02	1.550E-12	4.200E+03
2.778E-07	3.934E-12	5.925E-33	1.610E-14	5.294E-01	1.296E-08	5.991E-02	3.840E-12	4.300E+03
5.081E-07	1.076E-11	5.434E-32	3.624E-14	5.283E-01	2.295E-08	4.705E-02	8.743E-12	4.400E+03
9.129E-07	2.865E-11	4.627E-31	7.875E-14	5.261E-01	3.988E-08	3.688E-02	1.953E-11	4.500E+03
1.613E-06	7.416E-11	3.666E-30	1.659E-13	5.233E-01	6.797E-08	2.890E-02	4.285E-11	4.600E+03
2.806E-06	1.866E-10	2.704E-29	3.399E-13	5.204E-01	1.137E-07	2.267E-02	9.250E-11	4.700E+03
4.807E-06	4.563E-10	1.356E-28	6.804E-13	5.175E-01	1.864E-07	1.783E-02	1.964E-10	4.800E+03
8.116E-06	1.083E-09	1.194E-27	1.334E-12	5.148E-01	2.993E-07	1.405E-02	4.103E-10	4.900E+03
1.350E-05	2.469E-09	7.018E-27	2.570E-12	5.124E-01	4.706E-07	1.114E-02	8.426E-10	5.000E+03
2.214E-05	5.542E-09	3.861E-26	4.875E-12	5.103E-01	7.235E-07	8.873E-03	1.700E-09	5.100E+03
3.578E-05	1.194E-08	1.972E-25	9.121E-12	5.086E-01	1.088E-06	7.104E-03	3.370E-09	5.200E+03
5.731E-05	2.489E-08	9.269E-25	1.686E-11	5.071E-01	1.599E-06	5.720E-03	6.556E-09	5.300E+03
8.553E-05	5.026E-08	4.147E-24	3.078E-11	5.058E-01	2.301E-06	4.634E-03	1.252E-08	5.400E+03
1.387E-04	9.839E-08	1.716E-23	5.557E-11	5.048E-01	3.242E-06	3.776E-03	2.347E-08	5.500E+03
2.120E-04	1.870E-07	6.562E-23	9.915E-11	5.038E-01	4.461E-06	3.096E-03	4.318E-08	5.600E+03
3.197E-04	3.455E-07	2.455E-22	1.749E-10	5.030E-01	6.082E-06	2.553E-03	7.801E-08	5.700E+03
4.759E-04	5.218E-07	8.413E-22	3.047E-10	5.022E-01	8.118E-06	2.118E-03	1.384E-07	5.800E+03
6.996E-04	1.091E-06	2.756E-21	5.246E-10	5.014E-01	1.067E-05	1.767E-03	2.412E-07	5.900E+03
1.016E-03	1.870E-06	8.585E-21	8.924E-10	5.005E-01	1.381E-05	1.482E-03	4.131E-07	6.000E+03
1.458E-03	3.132E-06	2.549E-20	1.500E-09	4.996E-01	1.763E-05	1.249E-03	6.954E-07	6.100E+03
2.068E-03	5.132E-06	7.250E-20	2.494E-09	4.934E-01	2.220E-05	1.058E-03	1.151E-06	6.200E+03
2.899E-03	8.229E-06	1.962E-19	4.098E-09	4.969E-01	2.760E-05	9.004E-04	1.873E-06	6.300E+03
4.019E-03	1.292E-05	5.102E-19	6.662E-09	4.950E-01	3.387E-05	7.694E-04	2.997E-06	6.400E+03
5.509E-03	1.988E-05	1.273E-18	1.071E-08	4.925E-01	4.104E-05	6.600E-04	4.715E-06	6.500E+03
7.668E-03	2.998E-05	3.051E-18	1.703E-08	4.895E-01	4.911E-05	5.681E-04	7.290E-06	6.600E+03
1.001E-02	4.433E-05	7.038E-18	2.679E-08	4.855E-01	5.805E-05	4.905E-04	1.107E-05	6.700E+03
1.326E-02	6.429E-05	1.554E-17	4.165E-08	4.805E-01	6.781E-05	4.245E-04	1.652E-05	6.800E+03
1.735E-02	9.151E-05	3.335E-17	6.394E-08	4.742E-01	7.329E-05	3.681E-04	2.415E-05	6.900E+03
2.244E-02	1.273E-04	5.961E-17	9.687E-08	4.664E-01	8.933E-05	3.196E-04	3.464E-05	7.000E+03
2.865E-02	1.756E-04	1.399E-16	1.446E-07	4.596E-01	1.010E-04	2.777E-04	4.852E-05	7.100E+03
3.610E-02	2.371E-04	2.732E-16	2.126E-07	4.455E-01	1.129E-04	2.412E-04	6.675E-05	7.200E+03
4.887E-02	3.148E-04	5.189E-16	3.072E-07	4.320E-01	1.249E-04	2.094E-04	8.952E-05	7.300E+03
5.500E-02	4.114E-04	9.609E-16	4.359E-07	4.165E-01	1.370E-04	1.515E-04	1.172E-04	7.400E+03
6.647E-02	5.301E-04	1.739E-15	6.068E-07	3.989E-01	1.490E-04	1.570E-04	1.497E-04	7.500E+03
7.920E-02	6.729E-04	3.078E-15	8.282E-07	3.794E-01	1.606E-04	1.353E-04	1.864E-04	7.600E+03
9.301E-02	8.428E-04	5.343E-15	1.108E-06	3.582E-01	1.717E-04	1.162E-04	2.263E-04	7.700E+03
1.077E-01	1.042E-03	9.105E-15	1.452E-06	3.355E-01	1.822E-04	9.941E-05	2.580E-04	7.800E+03
1.231E-01	1.273E-03	1.526E-14	1.865E-06	3.123E-01	1.919E-04	8.462E-05	3.097E-04	7.900E+03
1.387E-01	1.537E-03	2.516E-14	2.349E-06	2.878E-01	2.006E-04	7.165E-05	3.496E-04	8.000E+03
1.699E-01	2.172E-03	6.551E-14	3.523E-06	2.395E-01	2.148E-04	5.058E-05	4.173E-04	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	3.409E-03	5.991E-01	2.511E-04	6.689E-20	2.129E-05	4.328E-04	2.904E-06	2.518E-08
8.600E+03	4.426E-03	6.119E-01	3.247E-04	2.180E-19	2.533E-05	3.796E-04	3.054E-06	2.627E-08
8.800E+03	5.622E-03	6.225E-01	4.183E-04	6.859E-19	2.946E-05	3.329E-04	3.220E-06	2.689E-08
9.000E+03	7.011E-03	6.307E-01	5.362E-04	2.083E-18	3.362E-05	2.917E-04	3.397E-06	2.707E-08
9.200E+03	8.605E-03	6.368E-01	6.830E-04	6.098E-18	3.775E-05	2.555E-04	3.582E-06	2.688E-08
9.400E+03	1.042E-02	6.411E-01	8.642E-04	1.721E-17	4.182E-05	2.239E-04	3.772E-06	2.640E-08
9.600E+03	1.248E-02	6.437E-01	1.086E-03	4.686E-17	4.581E-05	1.964E-04	3.965E-06	2.571E-08
9.800E+03	1.479E-02	6.451E-01	1.354E-03	1.231E-16	4.971E-05	1.725E-04	4.161E-06	2.488E-08
1.000E+04	1.738E-02	6.455E-01	1.677E-03	3.127E-16	5.352E-05	1.549E-04	4.359E-06	2.395E-08
1.020E+04	2.026E-02	6.450E-01	2.062E-03	7.685E-16	5.723E-05	1.340E-04	4.558E-06	2.298E-08
1.040E+04	2.345E-02	6.438E-01	2.519E-03	1.830E-15	6.083E-05	1.185E-04	4.759E-06	2.197E-08
1.060E+04	2.696E-02	6.420E-01	3.057E-03	4.229E-15	6.431E-05	1.051E-04	4.961E-06	2.096E-08
1.080E+04	3.082E-02	6.395E-01	3.686E-03	9.497E-15	6.766E-05	9.337E-05	5.162E-06	1.995E-08
1.100E+04	3.504E-02	6.366E-01	4.419E-03	2.076E-14	7.086E-05	8.315E-05	5.364E-06	1.895E-08
1.120E+04	3.962E-02	6.332E-01	5.267E-03	4.420E-14	7.390E-05	7.421E-05	5.566E-06	1.797E-08
1.140E+04	4.457E-02	6.297E-01	6.245E-03	9.186E-14	7.676E-05	6.635E-05	5.765E-06	1.700E-08
1.160E+04	4.991E-02	6.248E-01	7.364E-03	1.865E-13	7.943E-05	5.943E-05	5.963E-06	1.606E-08
1.180E+04	5.563E-02	6.199E-01	8.642E-03	3.703E-13	8.187E-05	5.331E-05	6.158E-06	1.515E-08
1.200E+04	6.174E-02	6.146E-01	1.009E-02	7.199E-13	8.409E-05	4.788E-05	6.349E-06	1.425E-08
1.220E+04	6.823E-02	6.088E-01	1.173E-02	1.372E-12	8.606E-05	4.305E-05	6.535E-06	1.339E-08
1.240E+04	7.510E-02	6.024E-01	1.358E-02	2.564E-12	8.777E-05	3.874E-05	6.715E-06	1.255E-08
1.260E+04	8.235E-02	5.956E-01	1.565E-02	4.707E-12	8.920E-05	3.489E-05	6.888E-06	1.174E-08
1.280E+04	8.996E-02	5.883E-01	1.796E-02	8.492E-12	9.035E-05	3.144E-05	7.053E-06	1.095E-08
1.300E+04	9.793E-02	5.805E-01	2.053E-02	1.507E-11	9.122E-05	2.833E-05	7.208E-06	1.020E-08
1.320E+04	1.062E-01	5.721E-01	2.338E-02	2.631E-11	9.178E-05	2.554E-05	7.351E-06	9.467E-09
1.340E+04	1.149E-01	5.633E-01	2.652E-02	4.524E-11	9.205E-05	2.301E-05	7.481E-06	8.768E-09
1.360E+04	1.238E-01	5.539E-01	2.997E-02	7.665E-11	9.202E-05	2.073E-05	7.597E-06	8.098E-09
1.380E+04	1.330E-01	5.440E-01	3.375E-02	1.281E-10	9.169E-05	1.867E-05	7.696E-06	7.458E-09
1.400E+04	1.425E-01	5.336E-01	3.787E-02	2.110E-10	9.107E-05	1.679E-05	7.778E-06	6.849E-09
1.420E+04	1.522E-01	5.227E-01	4.238E-02	3.433E-10	9.016E-05	1.509E-05	7.840E-06	6.270E-09
1.440E+04	1.621E-01	5.112E-01	4.715E-02	5.512E-10	8.897E-05	1.355E-05	7.880E-06	5.721E-09
1.460E+04	1.723E-01	4.993E-01	5.234E-02	8.744E-10	8.752E-05	1.215E-05	7.899E-06	5.203E-09
1.480E+04	1.826E-01	4.869E-01	5.789E-02	1.370E-09	8.582E-05	1.087E-05	7.893E-06	4.716E-09
1.500E+04	1.930E-01	4.740E-01	6.381E-02	2.123E-09	8.388E-05	9.712E-06	7.862E-06	4.259E-09
1.520E+04	2.036E-01	4.607E-01	7.009E-02	3.253E-09	8.173E-05	8.660E-06	7.805E-06	3.832E-09
1.540E+04	2.142E-01	4.470E-01	7.672E-02	4.928E-09	7.937E-05	7.785E-06	7.722E-06	3.435E-09
1.560E+04	2.249E-01	4.329E-01	8.368E-02	7.389E-09	7.683E-05	6.840E-06	7.613E-06	3.067E-09
1.580E+04	2.357E-01	4.185E-01	9.096E-02	1.096E-08	7.413E-05	6.056E-06	7.477E-06	2.727E-09
1.600E+04	2.464E-01	4.038E-01	9.852E-02	1.610E-08	7.130E-05	5.348E-06	7.316E-06	2.415E-09
1.620E+04	2.571E-01	3.888E-01	1.064E-01	2.342E-08	6.835E-05	4.709E-06	7.130E-06	2.129E-09
1.640E+04	2.678E-01	3.736E-01	1.144E-01	3.374E-08	6.531E-05	4.135E-06	6.921E-06	1.869E-09
1.660E+04	2.784E-01	3.583E-01	1.227E-01	4.816E-08	6.220E-05	3.619E-06	6.692E-06	1.636E-09
1.680E+04	2.889E-01	3.429E-01	1.311E-01	6.812E-08	5.904E-05	3.158E-06	6.443E-06	1.422E-09
1.700E+04	2.992E-01	3.275E-01	1.396E-01	9.551E-08	5.587E-05	2.747E-06	6.178E-06	1.231E-09
1.720E+04	3.094E-01	3.122E-01	1.482E-01	1.328E-07	5.269E-05	2.382E-06	5.900E-06	1.026E-09
1.740E+04	3.193E-01	2.970E-01	1.568E-01	1.831E-07	4.954E-05	2.059E-06	5.612E-06	9.117E-10
1.760E+04	3.291E-01	2.819E-01	1.654E-01	2.505E-07	4.643E-05	1.773E-06	5.316E-06	7.793E-10
1.780E+04	3.385E-01	2.670E-01	1.739E-01	3.400E-07	4.338E-05	1.523E-06	5.015E-06	6.632E-10
1.800E+04	3.477E-01	2.525E-01	1.823E-01	4.581E-07	4.041E-05	1.303E-06	4.713E-06	5.619E-10
1.820E+04	3.566E-01	2.383E-01	1.906E-01	6.127E-07	3.753E-05	1.122E-06	4.413E-06	4.742E-10
1.840E+04	3.652E-01	2.245E-01	1.987E-01	8.138E-07	3.476E-05	9.464E-07	4.117E-06	3.985E-10
1.860E+04	3.735E-01	2.111E-01	2.065E-01	1.074E-06	3.211E-05	8.029E-07	3.827E-06	3.336E-10
1.880E+04	3.814E-01	1.982E-01	2.142E-01	1.407E-06	2.958E-05	6.794E-07	3.546E-06	2.783E-10
1.900E+04	3.889E-01	1.858E-01	2.216E-01	1.833E-06	2.718E-05	5.735E-07	3.274E-06	2.314E-10
1.920E+04	3.961E-01	1.739E-01	2.286E-01	2.373E-06	2.493E-05	4.829E-07	3.015E-06	1.917E-10
1.940E+04	4.030E-01	1.625E-01	2.354E-01	3.053E-06	2.280E-05	4.058E-07	2.769E-06	1.584E-10
1.960E+04	4.095E-01	1.518E-01	2.419E-01	3.907E-06	2.082E-05	3.483E-07	2.536E-06	1.305E-10
1.980E+04	4.156E-01	1.415E-01	2.480E-01	4.973E-06	1.898E-05	2.850E-07	2.317E-06	1.072E-10
2.000E+04	4.214E-01	1.319E-01	2.539E-01	6.295E-06	1.727E-05	2.382E-07	2.112E-06	8.795E-11
2.020E+04	4.268E-01	1.227E-01	2.594E-01	7.929E-06	1.569E-05	1.989E-07	1.922E-06	7.199E-11
2.040E+04	4.319E-01	1.142E-01	2.645E-01	9.939E-06	1.424E-05	1.659E-07	1.746E-06	5.883E-11
2.060E+04	4.367E-01	1.062E-01	2.694E-01	1.240E-05	1.290E-05	1.383E-07	1.583E-06	4.801E-11
2.080E+04	4.411E-01	9.863E-02	2.739E-01	1.540E-05	1.168E-05	1.162E-07	1.434E-06	3.914E-11
2.100E+04	4.453E-01	9.161E-02	2.782E-01	1.903E-05	1.057E-05	9.590E-08	1.297E-06	3.188E-11
2.120E+04	4.492E-01	8.507E-02	2.821E-01	2.343E-05	9.555E-06	7.983E-08	1.172E-06	2.595E-11
2.140E+04	4.528E-01	7.898E-02	2.858E-01	2.872E-05	8.633E-06	6.645E-08	1.059E-06	2.111E-11
2.160E+04	4.562E-01	7.332E-02	2.892E-01	3.507E-05	7.797E-06	5.533E-08	9.554E-07	1.718E-11
2.180E+04	4.593E-01	6.807E-02	2.923E-01	4.260E-05	7.041E-06	4.688E-08	8.618E-07	1.398E-11
2.200E+04	4.622E-01	6.320E-02	2.952E-01	5.170E-05	6.356E-06	3.839E-08	7.772E-07	1.138E-11
2.220E+04	4.650E-01	5.869E-02	2.979E-01	6.242E-05	5.738E-06	3.201E-08	7.007E-07	9.264E-12
2.240E+04	4.675E-01	5.451E-02	3.004E-01	7.511E-05	5.181E-06	2.671E-08	6.316E-07	7.548E-12
2.260E+04	4.699E-01	5.065E-02	3.027E-01	9.006E-05	4.678E-06	2.231E-08	5.694E-07	6.154E-12
2.280E+04	4.721E-01	4.708E-02	3.048E-01	1.076E-04	4.225E-06	1.865E-08	5.134E-07	5.022E-12
2.300E+04	4.741E-01	4.378E-02	3.067E-01	1.282E-04	3.817E-06	1.560E-08	4.630E-07	4.103E-12
2.320E+04	4.761E-01	4.072E-02	3.084E-01	1.523E-04	3.450E-06	1.307E-08	4.176E-07	3.355E-12
2.340E+04	4.779E-01	3.791E-02	3.100E-01	1.803E-04	3.120E-06	1.097E-08	3.769E-07	2.747E-12
2.360E+04	4.796E-01	3.530E-02	3.114E-01	2.129E-04	2.823E-06	9.211E-09	3.402E-07	2.253E-12
2.380E+04	4.812E-01	3.290E-02	3.127E-01	2.506E-04	2.555E-06	7.747E-09	3.073E-07	1.849E-12
2.400E+04	4.827E-01	3.067E-02	3.139E-01	2.941E-04	2.315E-06	6.525E-09	2.777E-07	1.521E-12
2.420E+04	4.842E-01	2.862E-02	3.149E-01	3.443E-04	2.098E-06	5.583E-09	2.511E-07	1.252E-12
2.440E+04	4.856E-01	2.672E-02	3.158E-01	4.020E-04	1.903E-06	4.648E-09	2.272E-07	1.033E-12
2.460E+04	4.869E-01	2.496E-02	3.166E-01	4.681E-04	1.727E-06	3.932E-09	2.056E-07	8.531E-13
2.480E+04	4.882E-01	2.334E-02	3.173E-01	5.436E-04	1.569E-06	3.381E-09	1.863E-07	7.058E-13
2.500E+04	4.894E-01	2.183E-02	3.179E-01	6.298E-04	1.426E-06	2.826E-09	1.688E-07	5.850E-13

Table II. - Continued.

C	C+	C++	C-	C0	C0+	C02	C2	T
1.991E-01	2.957E-03	1.619E-13	4.938E-06	1.940E-01	2.244E-04	3.497E-05	4.608E-04	8.400E+03
2.248E-01	3.900E-03	3.818E-13	6.525E-06	1.535E-01	2.294E-04	2.374E-05	4.758E-04	8.600E+03
2.461E-01	5.008E-03	8.631E-13	8.210E-06	1.193E-01	2.303E-04	1.588E-05	4.681E-04	8.800E+03
2.629E-01	6.287E-03	1.878E-12	9.924E-06	9.154E-02	2.279E-04	1.053E-05	4.414E-04	9.000E+03
2.755E-01	7.745E-03	3.944E-12	1.162E-05	6.969E-02	2.231E-04	6.945E-06	4.037E-04	9.200E+03
2.845E-01	9.392E-03	8.016E-12	1.326E-05	5.285E-02	2.165E-04	4.579E-06	3.613E-04	9.400E+03
2.906E-01	1.124E-02	1.381E-11	1.483E-05	4.005E-02	2.089E-04	3.027E-06	3.184E-04	9.600E+03
2.943E-01	1.330E-02	3.032E-11	1.632E-05	3.041E-02	2.007E-04	2.012E-06	2.775E-04	9.800E+03
2.960E-01	1.557E-02	5.664E-11	1.773E-05	2.316E-02	1.922E-04	1.346E-06	2.402E-04	1.000E+04
2.962E-01	1.808E-02	1.032E-10	1.905E-05	1.772E-02	1.838E-04	9.076E-07	2.071E-04	1.020E+04
2.952E-01	2.083E-02	1.839E-10	2.028E-05	1.362E-02	1.755E-04	6.170E-07	1.779E-04	1.040E+04
2.932E-01	2.382E-02	3.203E-10	2.142E-05	1.053E-02	1.674E-04	4.230E-07	1.525E-04	1.060E+04
2.902E-01	2.706E-02	5.474E-10	2.245E-05	8.180E-03	1.595E-04	2.925E-07	1.306E-04	1.080E+04
2.866E-01	3.056E-02	9.168E-10	2.339E-05	6.388E-03	1.519E-04	2.038E-07	1.117E-04	1.100E+04
2.822E-01	3.430E-02	1.508E-09	2.421E-05	5.014E-03	1.446E-04	1.431E-07	9.548E-05	1.120E+04
2.773E-01	3.829E-02	2.435E-09	2.492E-05	3.955E-03	1.376E-04	1.012E-07	8.157E-05	1.140E+04
2.719E-01	4.251E-02	3.873E-09	2.551E-05	3.133E-03	1.308E-04	7.208E-08	6.962E-05	1.160E+04
2.660E-01	4.696E-02	6.061E-09	2.598E-05	2.492E-03	1.243E-04	5.154E-08	5.939E-05	1.180E+04
2.596E-01	5.163E-02	9.343E-09	2.632E-05	1.990E-03	1.180E-04	3.720E-08	5.060E-05	1.200E+04
2.529E-01	5.649E-02	1.420E-08	2.653E-05	1.595E-03	1.119E-04	2.694E-08	4.306E-05	1.220E+04
2.459E-01	6.152E-02	2.128E-08	2.661E-05	1.282E-03	1.060E-04	1.960E-08	3.660E-05	1.240E+04
2.384E-01	6.671E-02	3.149E-08	2.656E-05	1.033E-03	1.003E-04	1.432E-08	3.106E-05	1.260E+04
2.307E-01	7.201E-02	4.502E-08	2.638E-05	8.349E-04	9.472E-05	1.050E-08	2.632E-05	1.280E+04
2.227E-01	7.741E-02	6.644E-08	2.609E-05	6.762E-04	8.935E-05	7.713E-09	2.225E-05	1.300E+04
2.146E-01	8.288E-02	9.483E-08	2.567E-05	5.437E-04	8.415E-05	5.691E-09	1.878E-05	1.320E+04
2.063E-01	8.826E-02	1.339E-07	2.515E-05	4.460E-04	7.910E-05	4.206E-09	1.582E-05	1.340E+04
1.979E-01	9.383E-02	1.870E-07	2.454E-05	3.630E-04	7.423E-05	3.114E-09	1.329E-05	1.360E+04
1.894E-01	9.929E-02	2.585E-07	2.383E-05	2.958E-04	6.951E-05	2.309E-09	1.114E-05	1.380E+04
1.809E-01	1.047E-01	3.355E-07	2.305E-05	2.412E-04	6.496E-05	1.714E-09	9.321E-06	1.400E+04
1.725E-01	1.099E-01	4.798E-07	2.220E-05	1.969E-04	6.057E-05	1.273E-09	7.777E-06	1.420E+04
1.641E-01	1.150E-01	6.448E-07	2.129E-05	1.608E-04	5.635E-05	9.464E-10	6.474E-06	1.440E+04
1.558E-01	1.200E-01	8.590E-07	2.034E-05	1.314E-04	5.231E-05	7.034E-10	5.377E-06	1.460E+04
1.476E-01	1.247E-01	1.135E-06	1.937E-05	1.073E-04	4.843E-05	5.227E-10	4.455E-06	1.480E+04
1.396E-01	1.292E-01	1.487E-06	1.837E-05	8.770E-05	4.474E-05	3.885E-10	3.683E-06	1.500E+04
1.319E-01	1.335E-01	1.933E-06	1.736E-05	7.166E-05	4.122E-05	2.885E-10	3.038E-06	1.520E+04
1.243E-01	1.375E-01	2.495E-06	1.635E-05	5.854E-05	3.788E-05	2.138E-10	2.501E-06	1.540E+04
1.170E-01	1.413E-01	3.197E-06	1.536E-05	4.780E-05	3.472E-05	1.584E-10	2.055E-06	1.560E+04
1.100E-01	1.448E-01	4.069E-06	1.438E-05	3.902E-05	3.175E-05	1.172E-10	1.685E-06	1.580E+04
1.032E-01	1.479E-01	5.145E-06	1.342E-05	3.184E-05	2.896E-05	8.656E-11	1.379E-06	1.600E+04
9.674E-02	1.508E-01	6.465E-06	1.249E-05	2.597E-05	2.634E-05	6.385E-11	1.128E-06	1.620E+04
9.058E-02	1.534E-01	8.077E-06	1.159E-05	2.116E-05	2.390E-05	4.701E-11	9.203E-07	1.640E+04
8.472E-02	1.558E-01	1.003E-05	1.074E-05	1.724E-05	2.164E-05	3.455E-11	7.502E-07	1.660E+04
7.917E-02	1.578E-01	1.240E-05	9.917E-06	1.403E-05	1.954E-05	2.534E-11	6.109E-07	1.680E+04
7.392E-02	1.596E-01	1.524E-05	9.140E-06	1.142E-05	1.760E-05	1.855E-11	4.970E-07	1.700E+04
6.896E-02	1.612E-01	1.865E-05	8.407E-06	9.281E-06	1.583E-05	1.356E-11	4.040E-07	1.720E+04
6.430E-02	1.625E-01	2.272E-05	7.717E-06	7.541E-06	1.420E-05	9.887E-12	3.282E-07	1.740E+04
5.993E-02	1.637E-01	2.756E-05	7.070E-06	6.123E-06	1.271E-05	7.196E-12	2.665E-07	1.760E+04
5.582E-02	1.646E-01	3.330E-05	6.466E-06	4.970E-06	1.135E-05	5.228E-12	2.164E-07	1.780E+04
5.199E-02	1.654E-01	4.008E-05	5.905E-06	4.032E-06	1.013E-05	3.792E-12	1.756E-07	1.800E+04
4.840E-02	1.660E-01	4.807E-05	5.384E-06	3.259E-06	9.016E-06	2.746E-12	1.426E-07	1.820E+04
4.506E-02	1.665E-01	5.746E-05	4.903E-06	2.650E-06	8.016E-06	1.985E-12	1.158E-07	1.840E+04
4.195E-02	1.668E-01	6.847E-05	4.459E-06	2.148E-06	7.116E-06	1.433E-12	9.405E-08	1.860E+04
3.906E-02	1.671E-01	8.135E-05	4.051E-06	1.741E-06	6.310E-06	1.034E-12	7.644E-08	1.880E+04
3.637E-02	1.672E-01	9.636E-05	3.677E-06	1.411E-06	5.589E-06	7.449E-13	6.218E-08	1.900E+04
3.388E-02	1.673E-01	1.138E-04	3.335E-06	1.144E-06	4.946E-06	5.364E-13	5.061E-08	1.920E+04
3.156E-02	1.673E-01	1.342E-04	3.022E-06	9.277E-07	4.373E-06	3.861E-13	4.124E-08	1.940E+04
2.942E-02	1.673E-01	1.577E-04	2.737E-06	7.526E-07	3.864E-06	2.778E-13	3.364E-08	1.960E+04
2.743E-02	1.672E-01	1.849E-04	2.478E-06	6.108E-07	3.413E-06	1.999E-13	2.748E-08	1.980E+04
2.560E-02	1.671E-01	2.164E-04	2.243E-06	4.952E-07	3.013E-06	1.439E-13	2.247E-08	2.000E+04
2.389E-02	1.669E-01	2.526E-04	2.029E-06	4.032E-07	2.660E-06	1.036E-13	1.640E-08	2.020E+04
2.232E-02	1.668E-01	2.943E-04	1.836E-06	3.282E-07	2.348E-06	7.466E-14	1.509E-08	2.040E+04
2.086E-02	1.666E-01	3.421E-04	1.661E-06	2.673E-07	2.072E-06	5.385E-14	1.240E-08	2.060E+04
1.952E-02	1.664E-01	3.948E-04	1.503E-06	2.180E-07	1.829E-06	3.888E-14	1.020E-08	2.080E+04
1.827E-02	1.662E-01	4.594E-04	1.360E-06	1.780E-07	1.615E-06	2.811E-14	8.407E-09	2.100E+04
1.711E-02	1.660E-01	5.309E-04	1.230E-06	1.455E-07	1.427E-06	2.035E-14	6.941E-09	2.120E+04
1.604E-02	1.657E-01	6.122E-04	1.114E-06	1.191E-07	1.261E-06	1.477E-14	5.740E-09	2.140E+04
1.505E-02	1.655E-01	7.046E-04	1.008E-06	9.759E-08	1.115E-06	1.074E-14	4.755E-09	2.160E+04
1.413E-02	1.653E-01	8.094E-04	9.135E-07	8.023E-08	9.862E-07	7.819E-15	3.947E-09	2.180E+04
1.328E-02	1.650E-01	9.281E-04	8.279E-07	6.600E-08	8.729E-07	5.707E-15	3.282E-09	2.200E+04
1.249E-02	1.648E-01	1.062E-03	7.506E-07	5.438E-08	7.732E-07	4.175E-15	2.733E-09	2.220E+04
1.175E-02	1.645E-01	1.213E-03	6.808E-07	4.489E-08	6.854E-07	3.061E-15	2.280E-09	2.240E+04
1.107E-02	1.643E-01	1.383E-03	6.179E-07	3.712E-08	6.080E-07	2.250E-15	1.906E-09	2.260E+04
1.043E-02	1.640E-01	1.574E-03	5.611E-07	3.074E-08	5.357E-07	1.659E-15	1.595E-09	2.280E+04
9.841E-03	1.637E-01	1.787E-03	5.098E-07	2.551E-08	4.795E-07	1.225E-15	1.338E-09	2.300E+04
9.289E-03	1.633E-01	2.026E-03	4.634E-07	2.120E-08	4.264E-07	9.079E-16	1.124E-09	2.320E+04
8.774E-03	1.630E-01	2.292E-03	4.215E-07	1.766E-08	3.794E-07	6.745E-16	9.454E-10	2.340E+04
8.293E-03	1.626E-01	2.589E-03	3.837E-07	1.473E-08	3.379E-07	5.024E-16	7.965E-10	2.360E+04
7.843E-03	1.622E-01	2.918E-03	3.494E-07	1.231E-08	3.012E-07	3.752E-16	6.721E-10	2.380E+04
7.422E-03	1.617E-01	3.283E-03	3.184E-07	1.030E-08	2.686E-07	2.810E-16	5.679E-10	2.400E+04
7.028E-03	1.612E-01	3.685E-03	2.902E-07	8.638E-09	2.398E-07	2.110E-16	4.805E-10	2.420E+04
6.658E-03	1.607E-01	4.131E-03	2.648E-07	7.255E-09	2.142E-07	1.589E-16	4.071E-10	2.440E+04
6.311E-03	1.601E-01	4.621E-03	2.417E-07	6.103E-09	1.915E-07	1.200E-16	3.453E-10	2.460E+04
5.984E-03	1.595E-01	5.159E-03	2.207E-07	5.142E-09	1.713E-07	9.081E-17	2.933E-10	2.480E+04
5.677E-03	1.588E-01	5.748E-03	2.016E-07	4.340E-09	1.524E-07	6.892E-17	2.493E-10	2.500E+04

Table II. - Continued.

P/P0 = 1.00E+01

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.566E-11	1.760E-18	0.
2.000E+02	0.	2.496E-68	0.	0.	0.	5.529E-11	1.760E-18	0.
3.000E+02	0.	1.148E-46	9.767E-81	0.	0.	5.824E-11	1.760E-18	0.
4.000E+02	0.	7.456E-36	2.720E-63	0.	0.	4.727E-11	1.760E-18	0.
5.000E+02	0.	2.606E-29	7.566E-53	0.	0.	4.988E-11	1.760E-18	0.
6.000E+02	1.122E-94	6.064E-25	7.211E-46	0.	0.	5.038E-11	1.760E-18	3.831E-96
7.000E+02	4.593E-80	7.945E-22	7.216E-41	0.	1.159E-90	4.888E-11	1.760E-18	6.652E-83
8.000E+02	1.713E-68	3.463E-19	2.072E-37	0.	6.377E-78	1.876E-10	1.760E-18	8.724E-72
9.000E+02	1.209E-58	1.031E-16	3.907E-35	0.	9.327E-67	3.658E-09	1.760E-18	1.817E-61
1.000E+03	1.084E-50	1.056E-14	2.428E-33	0.	9.814E-58	4.510E-08	1.760E-18	4.286E-53
1.100E+03	3.555E-44	4.689E-13	7.145E-32	0.	2.378E-50	3.533E-07	1.760E-18	3.058E-46
1.200E+03	9.728E-39	1.109E-11	1.202E-30	0.	3.394E-44	1.960E-06	1.760E-18	1.566E-40
1.300E+03	3.931E-34	1.613E-10	1.315E-29	0.	5.461E-39	8.340E-06	1.760E-18	1.057E-35
1.400E+03	3.531E-30	1.603E-09	1.025E-28	0.	1.583E-34	2.879E-05	1.760E-18	1.452E-31
1.500E+03	9.516E-27	1.173E-08	6.094E-28	0.	1.164E-30	8.413E-05	1.760E-18	5.580E-28
1.600E+03	9.634E-24	6.701E-08	2.905E-27	0.	2.809E-27	2.146E-04	1.760E-18	7.614E-25
1.700E+03	4.342E-21	3.118E-07	1.154E-26	0.	2.699E-24	4.895E-04	1.760E-18	4.417E-22
1.800E+03	6.944E-19	1.223E-06	5.709E-26	0.	8.394E-22	1.017E-03	2.541E-18	8.757E-20
1.900E+03	1.339E-17	4.153E-05	1.163E-24	0.	2.913E-20	1.952E-03	1.721E-17	2.028E-18
2.000E+03	1.247E-16	1.247E-05	2.721E-23	0.	4.566E-19	3.500E-03	1.489E-16	2.204E-17
2.100E+03	9.031E-16	3.369E-05	4.919E-22	0.	5.264E-18	5.919E-03	1.092E-15	1.821E-16
2.200E+03	5.444E-15	8.302E-05	6.889E-21	1.586E-85	4.807E-17	9.503E-03	6.717E-15	1.225E-15
2.300E+03	2.804E-14	1.888E-04	7.697E-20	1.207E-81	3.592E-16	1.457E-02	3.530E-14	6.905E-15
2.400E+03	1.259E-13	3.996E-04	7.053E-19	4.399E-78	2.252E-15	2.142E-02	1.614E-13	3.331E-14
2.500E+03	5.002E-13	7.940E-04	5.425E-18	8.374E-75	1.207E-14	3.030E-02	6.518E-13	1.398E-13
2.600E+03	1.764E-12	1.490E-03	3.573E-17	9.006E-72	5.632E-14	4.186E-02	2.357E-12	5.175E-13
2.700E+03	5.776E-12	2.656E-03	2.049E-16	5.812E-69	2.317E-13	5.460E-02	7.711E-12	1.710E-12
2.800E+03	1.714E-11	4.515E-03	1.038E-15	2.380E-66	8.512E-13	6.980E-02	2.305E-11	5.090E-12
2.900E+03	4.698E-11	7.352E-03	4.703E-15	6.485E-64	2.819E-12	8.666E-02	6.347E-11	1.377E-11
3.000E+03	1.199E-10	1.150E-02	1.927E-14	1.226E-61	8.493E-12	1.042E-01	1.621E-10	3.406E-11
3.100E+03	2.863E-10	1.734E-02	7.211E-14	1.666E-59	2.345E-11	1.220E-01	3.862E-10	7.757E-11
3.200E+03	6.438E-10	2.527E-02	2.484E-13	1.679E-57	5.971E-11	1.300E-01	8.638E-10	1.635E-10
3.300E+03	1.369E-09	3.566E-02	7.938E-13	1.291E-55	1.411E-10	1.542E-01	1.822E-09	3.204E-10
3.400E+03	2.765E-09	4.884E-02	2.369E-12	7.761E-54	3.110E-10	1.667E-01	3.640E-09	5.864E-10
3.500E+03	5.324E-09	6.505E-02	6.639E-12	3.727E-52	6.423E-10	1.759E-01	6.919E-09	1.006E-09
3.600E+03	9.805E-09	8.441E-02	1.757E-11	1.458E-50	1.249E-09	1.813E-01	1.255E-08	1.625E-09
3.700E+03	1.732E-08	1.069E-01	4.411E-11	4.725E-49	2.293E-09	1.827E-01	2.181E-08	2.478E-09
3.800E+03	2.943E-08	1.322E-01	1.055E-10	1.289E-47	3.991E-09	1.800E-01	3.641E-08	3.579E-09
3.900E+03	4.823E-08	1.600E-01	2.412E-10	3.001E-46	6.608E-09	1.737E-01	5.852E-08	4.910E-09
4.000E+03	7.639E-08	1.897E-01	5.290E-10	6.031E-45	1.044E-08	1.642E-01	9.079E-08	6.412E-09
4.100E+03	1.172E-07	2.205E-01	1.116E-09	1.058E-43	1.577E-08	1.522E-01	1.362E-07	7.996E-09
4.200E+03	1.747E-07	2.517E-01	2.271E-09	1.635E-42	2.285E-08	1.384E-01	1.980E-07	9.546E-09
4.300E+03	2.532E-07	2.824E-01	4.466E-09	2.244E-41	3.187E-08	1.236E-01	2.794E-07	1.094E-08
4.400E+03	3.582E-07	3.117E-01	8.502E-09	2.756E-40	4.290E-08	1.086E-01	3.832E-07	1.209E-08
4.500E+03	4.955E-07	3.391E-01	1.569E-08	3.045E-39	5.596E-08	9.306E-02	5.115E-07	1.292E-08
4.600E+03	6.724E-07	3.639E-01	2.811E-08	3.039E-38	7.099E-08	8.024E-02	6.654E-07	1.341E-08
4.700E+03	8.976E-07	3.860E-01	4.890E-08	2.752E-37	8.796E-08	6.777E-02	8.445E-07	1.360E-08
4.800E+03	1.182E-06	4.051E-01	8.266E-08	2.265E-36	1.069E-07	5.673E-02	1.047E-06	1.353E-08
4.900E+03	1.542E-06	4.215E-01	1.358E-07	1.700E-35	1.280E-07	4.718E-02	1.268E-06	1.328E-08
5.000E+03	1.955E-06	4.353E-01	2.171E-07	1.165E-34	1.516E-07	3.907E-02	1.504E-06	1.293E-08
5.100E+03	2.569E-06	4.467E-01	3.375E-07	7.300E-34	1.782E-07	3.227E-02	1.746E-06	1.252E-08
5.200E+03	3.299E-06	4.562E-01	5.108E-07	4.198E-33	2.086E-07	2.683E-02	1.987E-06	1.212E-08
5.300E+03	4.229E-06	4.639E-01	7.533E-07	2.221E-32	2.435E-07	2.199E-02	2.219E-06	1.175E-08
5.400E+03	5.418E-06	4.702E-01	1.084E-06	1.085E-31	2.841E-07	1.821E-02	2.437E-06	1.143E-08
5.500E+03	6.937E-06	4.753E-01	1.524E-06	4.919E-31	3.314E-07	1.508E-02	2.635E-06	1.116E-08
5.600E+03	8.877E-06	4.795E-01	2.098E-06	2.078E-30	3.866E-07	1.255E-02	2.810E-06	1.096E-08
5.700E+03	1.135E-05	4.830E-01	2.832E-06	8.216E-30	4.511E-07	1.048E-02	2.960E-06	1.082E-08
5.800E+03	1.449E-05	4.858E-01	3.754E-06	3.055E-29	5.264E-07	8.789E-03	3.086E-06	1.073E-08
5.900E+03	1.848E-05	4.882E-01	4.897E-06	1.073E-28	6.143E-07	7.482E-03	3.188E-06	1.069E-08
6.000E+03	2.352E-05	4.902E-01	6.291E-06	3.569E-28	7.167E-07	6.262E-03	3.267E-06	1.070E-08
6.100E+03	2.988E-05	4.920E-01	7.970E-06	1.129E-27	8.360E-07	5.321E-03	3.324E-06	1.076E-08
6.200E+03	3.789E-05	4.935E-01	9.964E-06	3.404E-27	9.752E-07	4.543E-03	3.360E-06	1.087E-08
6.300E+03	4.797E-05	4.949E-01	1.230E-05	9.807E-27	1.138E-06	3.807E-03	3.377E-06	1.104E-08
6.400E+03	6.063E-05	4.963E-01	1.502E-05	2.705E-26	1.327E-06	3.359E-03	3.375E-06	1.125E-08
6.500E+03	7.653E-05	4.977E-01	1.812E-05	7.158E-26	1.550E-06	2.909E-03	3.356E-06	1.153E-08
6.600E+03	9.647E-05	4.992E-01	2.164E-05	1.821E-25	1.811E-06	2.531E-03	3.322E-06	1.188E-08
6.700E+03	1.214E-04	5.009E-01	2.559E-05	4.461E-25	2.117E-06	2.214E-03	3.276E-06	1.229E-08
6.800E+03	1.526E-04	5.028E-01	2.998E-05	1.055E-24	2.477E-06	1.946E-03	3.219E-06	1.278E-08
6.900E+03	1.915E-04	5.050E-01	3.485E-05	2.415E-24	2.899E-06	1.719E-03	3.157E-06	1.336E-08
7.000E+03	2.397E-04	5.077E-01	4.021E-05	5.362E-24	3.393E-06	1.527E-03	3.091E-06	1.402E-08
7.100E+03	2.993E-04	5.108E-01	4.613E-05	1.159E-23	3.970E-06	1.384E-03	3.025E-06	1.477E-08
7.200E+03	3.722E-04	5.145E-01	5.268E-05	2.443E-23	4.640E-06	1.225E-03	2.964E-06	1.560E-08
7.300E+03	4.610E-04	5.187E-01	5.994E-05	5.042E-23	5.414E-06	1.186E-03	2.909E-06	1.653E-08
7.400E+03	5.682E-04	5.237E-01	6.803E-05	1.021E-22	6.300E-06	1.084E-03	2.864E-06	1.753E-08
7.500E+03	6.963E-04	5.292E-01	7.711E-05	2.034E-22	7.308E-06	9.164E-04	2.830E-06	1.861E-08
7.600E+03	8.479E-04	5.354E-01	8.734E-05	3.994E-22	8.444E-06	8.486E-04	2.808E-06	1.975E-08
7.700E+03	1.026E-03	5.421E-01	9.894E-05	7.749E-22	9.712E-06	7.747E-04	2.799E-06	2.093E-08
7.800E+03	1.232E-03	5.493E-01	1.121E-04	1.487E-21	1.111E-05	7.169E-04	2.804E-06	2.215E-08
7.900E+03	1.469E-03	5.569E-01	1.271E-04	2.826E-21	1.264E-05	6.657E-04	2.821E-06	2.336E-08
8.000E+03	1.739E-03	5.647E-01	1.443E-04	5.323E-21	1.430E-05	6.280E-04	2.850E-06	2.456E-08
8.200E+03	2.386E-03	5.804E-01	1.861E-04	1.842E-20	1.795E-05	5.412E-04	2.941E-06	2.679E-08

Table II. - Continued.

P/PO = 1.00E+01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.892E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.254E-41	3.973E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.715E-28	2.028E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.250E-21	4.217E-48	1.000E+00	0.	5.000E+02
3.833E-80	3.850E-81	0.	0.	3.672E-16	7.192E-40	1.000E+00	0.	6.000E+02
2.724E-65	3.144E-68	0.	0.	1.254E-12	5.771E-34	1.000E+00	7.852E-93	7.000E+02
1.714E-56	9.948E-60	0.	0.	2.816E-10	1.985E-30	1.000E+00	9.077E-79	8.000E+02
1.052E-49	8.740E-55	0.	0.	7.223E-09	6.215E-29	1.000E+00	1.678E-69	9.000E+02
2.483E-44	6.030E-51	0.	0.	9.011E-08	7.950E-28	1.000E+00	3.310E-62	1.000E+03
6.168E-40	8.315E-48	0.	3.184E-78	7.065E-07	6.348E-27	1.000E+00	3.051E-55	1.100E+03
2.845E-36	3.453E-45	0.	1.071E-69	3.921E-06	3.585E-26	1.000E+00	2.852E-51	1.200E+03
3.592E-33	5.699E-43	0.	1.755E-62	1.608E-05	1.552E-25	1.000E+00	4.587E-47	1.300E+03
1.638E-30	4.554E-41	0.	2.680E-56	5.759E-05	5.450E-25	9.999E-01	1.850E-43	1.400E+03
3.307E-28	2.037E-39	2.565E-95	6.127E-51	1.683E-04	1.520E-24	9.997E-01	2.467E-40	1.500E+03
3.443E-26	5.682E-38	1.092E-91	2.992E-46	4.293E-04	4.202E-24	9.994E-01	1.339E-37	1.600E+03
2.077E-24	1.077E-36	1.756E-88	4.089E-42	9.793E-04	9.773E-24	9.985E-01	3.444E-35	1.700E+03
7.950E-23	2.123E-35	2.583E-85	1.347E-38	2.035E-03	2.976E-23	9.969E-01	4.832E-33	1.800E+03
2.074E-21	1.498E-33	4.228E-81	3.866E-36	3.907E-03	3.939E-22	9.941E-01	4.007E-31	1.900E+03
3.907E-20	1.071E-31	6.316E-77	4.059E-34	7.013E-03	6.234E-21	9.895E-01	2.135E-29	2.000E+03
5.562E-19	5.321E-30	4.123E-73	2.619E-32	1.187E-02	7.901E-20	9.822E-01	7.778E-28	2.100E+03
6.217E-18	1.875E-28	1.233E-69	1.145E-30	1.909E-02	7.997E-19	9.713E-01	2.040E-26	2.200E+03
5.628E-17	4.864E-27	1.859E-66	3.580E-29	2.932E-02	6.629E-18	9.559E-01	4.016E-25	2.300E+03
4.234E-16	9.541E-26	1.538E-63	8.342E-28	4.323E-02	4.608E-17	9.350E-01	6.148E-24	2.400E+03
2.705E-15	1.516E-24	7.504E-61	1.500E-26	6.129E-02	2.740E-16	9.075E-01	7.533E-23	2.500E+03
1.495E-14	1.931E-23	2.293E-58	2.141E-25	8.421E-02	1.419E-15	8.729E-01	7.571E-22	2.600E+03
7.260E-14	2.045E-22	4.639E-56	2.486E-24	1.118E-01	6.484E-15	8.309E-01	6.375E-21	2.700E+03
3.138E-13	1.835E-21	5.481E-54	2.599E-23	1.441E-01	2.639E-14	7.815E-01	4.577E-20	2.800E+03
1.222E-12	1.420E-20	6.508E-52	1.959E-22	1.805E-01	9.791E-14	7.256E-01	2.846E-19	2.900E+03
4.328E-12	9.625E-20	4.860E-50	1.374E-21	2.200E-01	3.299E-13	5.643E-01	1.534E-18	3.000E+03
1.407E-11	5.788E-19	2.781E-48	8.401E-21	2.614E-01	1.024E-12	5.993E-01	7.545E-18	3.100E+03
4.234E-11	3.125E-18	1.252E-46	4.529E-20	3.032E-01	2.946E-12	5.325E-01	3.291E-17	3.200E+03
1.188E-10	1.532E-17	4.538E-45	2.176E-19	3.440E-01	7.917E-12	4.662E-01	1.303E-16	3.300E+03
3.125E-10	6.883E-17	1.349E-43	9.419E-19	8.233E-01	2.000E-11	4.022E-01	4.731E-16	3.400E+03
7.754E-10	2.859E-16	3.378E-42	3.703E-18	4.169E-01	4.777E-11	3.421E-01	1.587E-15	3.500E+03
1.831E-09	1.107E-15	7.205E-41	1.334E-17	4.470E-01	1.085E-10	2.873E-01	4.965E-15	3.600E+03
4.123E-09	4.022E-15	1.527E-39	4.435E-17	4.722E-01	2.356E-10	2.383E-01	1.459E-14	3.700E+03
8.902E-09	1.381E-14	2.141E-38	1.371E-16	4.922E-01	4.912E-10	1.955E-01	4.058E-14	3.800E+03
1.852E-08	4.512E-14	3.076E-37	3.964E-16	5.074E-01	9.880E-10	1.589E-01	1.076E-13	3.900E+03
3.728E-08	1.409E-13	3.954E-36	1.079E-15	5.181E-01	1.925E-09	1.280E-01	2.734E-13	4.000E+03
7.286E-08	4.228E-13	4.624E-35	2.780E-15	5.249E-01	3.645E-09	1.024E-01	6.705E-13	4.100E+03
1.388E-07	1.224E-12	4.913E-34	6.816E-15	5.285E-01	6.731E-09	8.142E-02	1.594E-12	4.200E+03
2.584E-07	3.431E-12	4.843E-33	1.598E-14	5.296E-01	1.215E-08	6.443E-02	3.693E-12	4.300E+03
4.715E-07	9.331E-12	4.401E-32	3.599E-14	5.289E-01	2.147E-08	5.081E-02	8.263E-12	4.400E+03
8.446E-07	2.469E-11	3.714E-31	7.822E-14	5.270E-01	3.720E-08	3.999E-02	1.857E-11	4.500E+03
1.488E-06	6.355E-11	2.919E-30	1.647E-13	5.244E-01	6.328E-08	3.146E-02	4.051E-11	4.600E+03
2.580E-06	1.591E-10	2.138E-29	3.372E-13	5.215E-01	1.055E-07	2.476E-02	8.593E-11	4.700E+03
4.408E-06	3.875E-10	1.460E-28	6.737E-13	5.186E-01	1.730E-07	1.952E-02	1.836E-10	4.800E+03
7.423E-06	9.166E-10	9.283E-28	1.318E-12	5.159E-01	2.777E-07	1.544E-02	3.814E-10	4.900E+03
1.232E-05	2.104E-09	5.493E-27	2.532E-12	5.134E-01	4.367E-07	1.226E-02	7.794E-10	5.000E+03
2.016E-05	4.679E-09	3.023E-26	4.786E-12	5.112E-01	6.721E-07	9.779E-03	1.566E-09	5.100E+03
3.252E-05	1.008E-08	1.547E-25	8.923E-12	5.093E-01	1.012E-06	7.841E-03	3.092E-09	5.200E+03
5.173E-05	2.103E-08	7.370E-25	1.643E-11	5.078E-01	1.491E-06	6.321E-03	5.998E-09	5.300E+03
8.115E-05	4.252E-08	3.274E-24	2.989E-11	5.064E-01	2.150E-06	5.125E-03	1.142E-08	5.400E+03
1.256E-04	8.335E-08	1.361E-23	5.375E-11	5.053E-01	3.037E-06	4.180E-03	2.137E-08	5.500E+03
1.917E-04	1.587E-07	5.305E-23	9.557E-11	5.043E-01	4.208E-06	3.429E-03	3.925E-08	5.600E+03
2.889E-04	2.938E-07	1.948E-22	1.680E-10	5.034E-01	5.726E-06	2.830E-03	7.080E-08	5.700E+03
4.299E-04	5.297E-07	6.758E-22	2.918E-10	5.026E-01	7.661E-06	2.348E-03	1.255E-07	5.800E+03
6.317E-04	9.314E-07	2.223E-21	5.010E-10	5.018E-01	1.009E-05	1.960E-03	2.185E-07	5.900E+03
9.170E-04	1.599E-06	6.955E-21	8.502E-10	5.009E-01	1.309E-05	1.644E-03	3.739E-07	6.000E+03
1.316E-03	2.684E-06	2.074E-20	1.426E-09	5.000E-01	1.675E-05	1.387E-03	6.292E-07	6.100E+03
1.866E-03	4.407E-06	5.909E-20	2.364E-09	4.988E-01	2.115E-05	1.175E-03	1.041E-06	6.200E+03
2.616E-03	7.084E-06	1.611E-19	3.877E-09	4.975E-01	2.636E-05	1.000E-03	1.695E-06	6.300E+03
3.628E-03	1.115E-05	4.210E-19	6.288E-09	4.957E-01	3.243E-05	8.549E-04	2.713E-06	6.400E+03
4.975E-03	1.721E-05	1.056E-18	1.009E-08	4.935E-01	3.941E-05	7.336E-04	4.272E-06	6.500E+03
6.747E-03	2.603E-05	2.546E-18	1.602E-08	4.907E-01	4.731E-05	6.318E-04	6.613E-06	6.600E+03
9.050E-03	3.862E-05	5.900E-18	2.515E-08	4.871E-01	5.611E-05	5.458E-04	1.006E-05	6.700E+03
1.200E-02	5.621E-05	1.321E-17	3.905E-08	4.825E-01	6.575E-05	4.727E-04	1.504E-05	6.800E+03
1.573E-02	8.030E-05	2.850E-17	5.990E-08	4.767E-01	7.618E-05	4.103E-04	2.207E-05	6.900E+03
2.038E-02	1.127E-04	5.947E-17	9.074E-08	4.696E-01	8.727E-05	3.566E-04	3.176E-05	7.000E+03
2.608E-02	1.553E-04	1.202E-16	1.356E-07	4.608E-01	9.891E-05	3.103E-04	4.478E-05	7.100E+03
3.295E-02	2.105E-04	2.359E-16	1.995E-07	4.503E-01	1.110E-04	2.700E-04	6.180E-05	7.200E+03
4.109E-02	2.807E-04	4.503E-16	2.889E-07	4.378E-01	1.233E-04	2.349E-04	8.340E-05	7.300E+03
5.054E-02	3.684E-04	8.376E-16	4.113E-07	4.233E-01	1.357E-04	2.040E-04	1.100E-04	7.400E+03
6.132E-02	4.763E-04	1.521E-15	5.748E-07	4.068E-01	1.480E-04	1.759E-04	1.415E-04	7.500E+03
7.337E-02	6.070E-04	2.703E-15	7.881E-07	3.884E-01	1.600E-04	1.530E-04	1.777E-04	7.600E+03
8.656E-02	7.631E-04	4.707E-15	1.060E-06	3.681E-01	1.717E-04	1.319E-04	2.177E-04	7.700E+03
1.007E-01	9.469E-04	8.043E-15	1.397E-06	3.464E-01	1.828E-04	1.132E-04	2.602E-04	7.800E+03
1.156E-01	1.161E-03	1.351E-14	1.805E-06	3.235E-01	1.931E-04	9.680E-05	3.037E-04	7.900E+03
1.310E-01	1.406E-03	2.232E-14	2.287E-06	2.998E-01	2.025E-04	8.235E-05	3.462E-04	8.000E+03
1.619E-01	2.000E-03	5.831E-14	3.674E-06	2.519E-01	2.183E-04	5.869E-05	4.211E-04	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	3.185E-03	5.952E-01	2.404E-04	6.168E-20	2.196E-05	4.747E-04	3.068E-06	2.866E-08
8.600E+03	4.147E-03	6.085E-01	3.101E-04	1.999E-19	2.622E-05	4.171E-04	3.222E-06	3.005E-08
8.800E+03	5.283E-03	6.195E-01	3.988E-04	6.263E-19	3.062E-05	3.664E-04	3.395E-06	3.091E-08
9.000E+03	6.603E-03	6.284E-01	5.104E-04	1.895E-18	3.505E-05	3.217E-04	3.580E-06	3.124E-08
9.200E+03	8.120E-03	6.350E-01	6.495E-04	5.531E-18	3.947E-05	2.823E-04	3.774E-06	3.114E-08
9.400E+03	9.850E-03	6.397E-01	8.212E-04	1.557E-17	4.383E-05	2.477E-04	3.974E-06	3.068E-08
9.600E+03	1.181E-02	6.429E-01	1.031E-03	4.232E-17	4.810E-05	2.176E-04	4.178E-06	2.996E-08
9.800E+03	1.401E-02	6.447E-01	1.285E-03	1.110E-16	5.229E-05	1.914E-04	4.385E-06	2.905E-08
1.000E+04	1.648E-02	6.454E-01	1.591E-03	2.817E-16	5.637E-05	1.687E-04	4.595E-06	2.803E-08
1.020E+04	1.922E-02	6.452E-01	1.956E-03	6.915E-16	6.035E-05	1.490E-04	4.806E-06	2.693E-08
1.040E+04	2.226E-02	6.442E-01	2.389E-03	1.645E-15	6.421E-05	1.319E-04	5.018E-06	2.579E-08
1.060E+04	2.562E-02	6.426E-01	2.898E-03	3.799E-15	6.796E-05	1.170E-04	5.232E-06	2.463E-08
1.080E+04	2.930E-02	6.404E-01	3.495E-03	8.525E-15	7.156E-05	1.040E-04	5.446E-06	2.347E-08
1.100E+04	3.332E-02	6.377E-01	4.189E-03	1.862E-14	7.502E-05	9.271E-05	5.660E-06	2.233E-08
1.120E+04	3.770E-02	6.345E-01	4.992E-03	3.962E-14	7.831E-05	8.280E-05	5.873E-06	2.120E-08
1.140E+04	4.244E-02	6.308E-01	5.918E-03	8.228E-14	8.141E-05	7.489E-05	6.086E-06	2.009E-08
1.160E+04	4.754E-02	6.266E-01	6.978E-03	1.669E-13	8.431E-05	6.641E-05	6.296E-06	1.900E-08
1.180E+04	5.302E-02	6.220E-01	8.188E-03	3.312E-13	8.700E-05	5.963E-05	6.504E-06	1.794E-08
1.200E+04	5.888E-02	6.169E-01	9.561E-03	6.435E-13	8.945E-05	5.360E-05	6.708E-06	1.691E-08
1.220E+04	6.511E-02	6.114E-01	1.111E-02	1.225E-12	9.164E-05	4.825E-05	6.907E-06	1.591E-08
1.240E+04	7.171E-02	6.053E-01	1.286E-02	2.289E-12	9.357E-05	4.347E-05	7.101E-06	1.494E-08
1.260E+04	7.868E-02	5.988E-01	1.482E-02	4.199E-12	9.521E-05	3.919E-05	7.287E-06	1.400E-08
1.280E+04	8.602E-02	5.918E-01	1.701E-02	7.569E-12	9.657E-05	3.535E-05	7.465E-06	1.308E-08
1.300E+04	9.370E-02	5.843E-01	1.944E-02	1.342E-11	9.762E-05	3.180E-05	7.633E-06	1.220E-08
1.320E+04	1.017E-01	5.763E-01	2.214E-02	2.341E-11	9.837E-05	2.879E-05	7.790E-06	1.136E-08
1.340E+04	1.101E-01	5.678E-01	2.511E-02	4.023E-11	9.880E-05	2.599E-05	7.934E-06	1.054E-08
1.360E+04	1.187E-01	5.588E-01	2.838E-02	6.812E-11	9.892E-05	2.345E-05	8.064E-06	9.759E-09
1.380E+04	1.276E-01	5.493E-01	3.196E-02	1.137E-10	9.873E-05	2.115E-05	8.177E-06	9.011E-09
1.400E+04	1.369E-01	5.393E-01	3.586E-02	1.873E-10	9.823E-05	1.906E-05	8.273E-06	8.297E-09
1.420E+04	1.463E-01	5.288E-01	4.010E-02	3.044E-10	9.742E-05	1.717E-05	8.348E-06	7.616E-09
1.440E+04	1.560E-01	5.178E-01	4.468E-02	4.886E-10	9.632E-05	1.544E-05	8.403E-06	6.971E-09
1.460E+04	1.659E-01	5.063E-01	4.961E-02	7.747E-10	9.494E-05	1.387E-05	8.434E-06	6.359E-09
1.480E+04	1.759E-01	4.943E-01	5.489E-02	1.214E-09	9.329E-05	1.245E-05	8.442E-06	5.783E-09
1.500E+04	1.861E-01	4.819E-01	6.053E-02	1.880E-09	9.138E-05	1.125E-05	8.424E-06	5.240E-09
1.520E+04	1.965E-01	4.690E-01	6.653E-02	2.878E-09	8.922E-05	9.971E-06	8.379E-06	4.732E-09
1.540E+04	2.069E-01	4.557E-01	7.286E-02	4.361E-09	8.685E-05	8.897E-06	8.307E-06	4.257E-09
1.560E+04	2.175E-01	4.420E-01	7.953E-02	6.536E-09	8.428E-05	7.923E-06	8.208E-06	3.816E-09
1.580E+04	2.281E-01	4.280E-01	8.651E-02	9.697E-09	8.152E-05	7.038E-06	8.082E-06	3.407E-09
1.600E+04	2.387E-01	4.136E-01	9.379E-02	1.424E-08	7.861E-05	6.237E-06	7.928E-06	3.030E-09
1.620E+04	2.493E-01	3.990E-01	1.013E-01	2.072E-07	7.556E-05	5.522E-06	7.748E-06	2.684E-09
1.640E+04	2.598E-01	3.842E-01	1.091E-01	2.985E-08	7.240E-05	4.858E-06	7.544E-06	2.367E-09
1.660E+04	2.703E-01	3.692E-01	1.171E-01	4.262E-08	6.915E-05	4.270E-06	7.316E-06	2.079E-09
1.680E+04	2.808E-01	3.541E-01	1.253E-01	6.031E-08	6.583E-05	3.741E-06	7.067E-06	1.818E-09
1.700E+04	2.911E-01	3.389E-01	1.336E-01	8.459E-08	6.248E-05	3.268E-06	6.800E-06	1.583E-09
1.720E+04	3.012E-01	3.238E-01	1.420E-01	1.177E-07	5.911E-05	2.846E-06	6.517E-06	1.373E-09
1.740E+04	3.112E-01	3.087E-01	1.505E-01	1.623E-07	5.575E-05	2.471E-06	6.221E-06	1.185E-09
1.760E+04	3.210E-01	2.937E-01	1.589E-01	2.222E-07	5.242E-05	2.189E-06	5.915E-06	1.019E-09
1.780E+04	3.305E-01	2.789E-01	1.674E-01	3.017E-07	4.914E-05	1.845E-06	5.602E-06	8.717E-10
1.800E+04	3.398E-01	2.643E-01	1.757E-01	4.067E-07	4.593E-05	1.587E-06	5.285E-06	7.429E-10
1.820E+04	3.488E-01	2.501E-01	1.840E-01	5.443E-07	4.280E-05	1.381E-06	4.968E-06	6.305E-10
1.840E+04	3.576E-01	2.361E-01	1.921E-01	7.237E-07	3.978E-05	1.164E-06	4.653E-06	5.330E-10
1.860E+04	3.660E-01	2.226E-01	2.000E-01	9.550E-07	3.686E-05	9.920E-07	4.342E-06	4.488E-10
1.880E+04	3.741E-01	2.095E-01	2.077E-01	1.252E-06	3.408E-05	8.435E-07	4.039E-06	3.766E-10
1.900E+04	3.818E-01	1.968E-01	2.152E-01	1.632E-06	3.142E-05	7.154E-07	3.745E-06	3.168E-10
1.920E+04	3.893E-01	1.847E-01	2.224E-01	2.114E-06	2.890E-05	6.053E-07	3.462E-06	2.623E-10
1.940E+04	3.963E-01	1.730E-01	2.294E-01	2.722E-06	2.653E-05	5.110E-07	3.191E-06	2.179E-10
1.960E+04	4.030E-01	1.619E-01	2.360E-01	3.486E-06	2.430E-05	4.306E-07	2.933E-06	1.805E-10
1.980E+04	4.094E-01	1.514E-01	2.423E-01	4.439E-06	2.222E-05	3.621E-07	2.689E-06	1.492E-10
2.000E+04	4.154E-01	1.413E-01	2.484E-01	5.622E-06	2.027E-05	3.040E-07	2.461E-06	1.230E-10
2.020E+04	4.211E-01	1.318E-01	2.541E-01	7.085E-06	1.847E-05	2.549E-07	2.247E-06	1.011E-10
2.040E+04	4.265E-01	1.229E-01	2.595E-01	8.885E-06	1.681E-05	2.135E-07	2.047E-06	8.304E-11
2.060E+04	4.315E-01	1.144E-01	2.645E-01	1.109E-05	1.527E-05	1.786E-07	1.862E-06	6.808E-11
2.080E+04	4.362E-01	1.065E-01	2.693E-01	1.378E-05	1.386E-05	1.493E-07	1.692E-06	5.574E-11
2.100E+04	4.406E-01	9.913E-02	2.738E-01	1.704E-05	1.257E-05	1.248E-07	1.535E-06	4.559E-11
2.120E+04	4.447E-01	9.220E-02	2.779E-01	2.098E-05	1.139E-05	1.042E-07	1.391E-06	3.726E-11
2.140E+04	4.486E-01	8.574E-02	2.818E-01	2.573E-05	1.032E-05	8.701E-08	1.259E-06	3.043E-11
2.160E+04	4.522E-01	7.971E-02	2.855E-01	3.143E-05	9.337E-06	7.266E-08	1.139E-06	2.485E-11
2.180E+04	4.555E-01	7.411E-02	2.888E-01	3.825E-05	8.447E-06	6.068E-08	1.030E-06	2.029E-11
2.200E+04	4.587E-01	6.890E-02	2.919E-01	4.636E-05	7.640E-06	5.070E-08	9.308E-07	1.656E-11
2.220E+04	4.616E-01	6.406E-02	2.948E-01	5.600E-05	6.909E-06	4.238E-08	8.409E-07	1.353E-11
2.240E+04	4.643E-01	5.957E-02	2.975E-01	6.740E-05	6.247E-06	3.544E-08	7.595E-07	1.105E-11
2.260E+04	4.668E-01	5.541E-02	2.999E-01	8.084E-05	5.650E-06	2.986E-08	6.859E-07	9.034E-12
2.280E+04	4.692E-01	5.155E-02	3.022E-01	9.665E-05	5.110E-06	2.485E-08	6.194E-07	7.370E-12
2.300E+04	4.714E-01	4.798E-02	3.043E-01	1.152E-04	4.623E-06	2.083E-08	5.595E-07	6.051E-12
2.320E+04	4.735E-01	4.468E-02	3.062E-01	1.368E-04	4.183E-06	1.749E-08	5.054E-07	4.959E-12
2.340E+04	4.755E-01	4.162E-02	3.079E-01	1.620E-04	3.787E-06	1.489E-08	4.567E-07	4.069E-12
2.360E+04	4.773E-01	3.879E-02	3.095E-01	1.913E-04	3.430E-06	1.236E-08	4.128E-07	3.342E-12
2.380E+04	4.790E-01	3.618E-02	3.109E-01	2.253E-04	3.108E-06	1.041E-08	3.733E-07	2.749E-12
2.400E+04	4.806E-01	3.376E-02	3.122E-01	2.645E-04	2.818E-06	8.779E-09	3.378E-07	2.264E-12
2.420E+04	4.822E-01	3.151E-02	3.134E-01	3.097E-04	2.556E-06	7.414E-09	3.057E-07	1.867E-12
2.440E+04	4.836E-01	2.944E-02	3.144E-01	3.616E-04	2.320E-06	6.270E-09	2.769E-07	1.542E-12
2.460E+04	4.850E-01	2.752E-02	3.154E-01	4.212E-04	2.108E-06	5.310E-09	2.490E-07	1.279E-12
2.480E+04	4.864E-01	2.574E-02	3.162E-01	4.893E-04	1.916E-06	4.583E-09	2.275E-07	1.056E-12
2.500E+04	4.877E-01	2.409E-02	3.169E-01	5.670E-04	1.743E-06	3.924E-09	2.064E-07	8.763E-13

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.913E-01	2.739E-02	1.442E-13	4.928E-04	2.039E-01	2.295E-04	4.098E-05	4.734E-04	8.400E+03
2.179E-01	3.631E-03	3.413E-13	6.585E-06	1.644E-01	2.360E-04	2.808E-05	4.977E-04	8.600E+03
2.402E-01	4.581E-03	7.728E-13	8.366E-06	1.288E-01	2.381E-04	1.896E-05	4.935E-04	8.800E+03
2.581E-01	5.897E-03	1.683E-12	1.019E-05	9.947E-02	2.367E-04	1.266E-05	4.724E-04	9.000E+03
2.718E-01	7.289E-03	3.538E-12	1.202E-05	7.616E-02	2.325E-04	8.409E-05	4.274E-04	9.200E+03
2.818E-01	8.856E-03	7.198E-12	1.379E-05	5.803E-02	2.263E-04	5.575E-06	3.744E-04	9.400E+03
2.887E-01	1.061E-02	1.420E-11	1.549E-05	4.415E-02	2.189E-04	3.702E-06	3.490E-04	9.600E+03
2.931E-01	1.258E-02	2.725E-11	1.711E-05	3.362E-02	2.108E-04	2.470E-06	3.059E-04	9.800E+03
2.954E-01	1.475E-02	5.093E-11	1.864E-05	2.568E-02	2.023E-04	1.657E-06	2.659E-04	1.000E+04
2.962E-01	1.715E-02	9.236E-11	2.008E-05	1.969E-02	1.937E-04	1.121E-06	2.300E-04	1.020E+04
2.956E-01	1.977E-02	1.654E-10	2.142E-05	1.517E-02	1.851E-04	7.637E-07	1.982E-04	1.040E+04
2.940E-01	2.263E-02	2.884E-10	2.267E-05	1.174E-02	1.768E-04	5.247E-07	1.704E-04	1.060E+04
2.914E-01	2.573E-02	4.926E-10	2.381E-05	9.138E-03	1.687E-04	3.635E-07	1.453E-04	1.080E+04
2.881E-01	2.907E-02	8.253E-10	2.483E-05	7.148E-03	1.609E-04	2.538E-07	1.254E-04	1.100E+04
2.841E-01	3.265E-02	1.357E-09	2.577E-05	5.620E-03	1.533E-04	1.786E-07	1.075E-04	1.120E+04
2.795E-01	3.647E-02	2.194E-09	2.657E-05	4.460E-03	1.460E-04	1.266E-07	9.206E-05	1.140E+04
2.744E-01	4.053E-02	3.489E-09	2.725E-05	3.523E-03	1.390E-04	9.032E-08	7.879E-05	1.160E+04
2.688E-01	4.481E-02	5.460E-09	2.780E-05	2.807E-03	1.322E-04	6.485E-08	6.738E-05	1.180E+04
2.627E-01	4.930E-02	8.419E-09	2.822E-05	2.246E-03	1.257E-04	4.683E-08	5.757E-05	1.200E+04
2.563E-01	5.399E-02	1.280E-08	2.851E-05	1.803E-03	1.193E-04	3.400E-08	4.914E-05	1.220E+04
2.495E-01	5.885E-02	1.919E-08	2.865E-05	1.452E-03	1.132E-04	2.480E-08	4.189E-05	1.240E+04
2.423E-01	6.387E-02	2.840E-08	2.866E-05	1.173E-03	1.072E-04	1.816E-08	3.567E-05	1.260E+04
2.349E-01	6.902E-02	4.132E-08	2.854E-05	9.503E-04	1.015E-04	1.335E-08	3.032E-05	1.280E+04
2.272E-01	7.428E-02	5.995E-08	2.829E-05	7.715E-04	9.589E-05	9.850E-09	2.573E-05	1.300E+04
2.193E-01	7.961E-02	8.562E-08	2.791E-05	6.276E-04	9.047E-05	7.286E-09	2.179E-05	1.320E+04
2.112E-01	8.498E-02	1.239E-07	2.742E-05	5.113E-04	8.571E-05	5.403E-09	1.843E-05	1.340E+04
2.030E-01	9.036E-02	1.689E-07	2.682E-05	4.175E-04	8.012E-05	4.015E-09	1.554E-05	1.360E+04
1.947E-01	9.572E-02	2.357E-07	2.612E-05	3.412E-04	7.519E-05	2.789E-09	1.309E-05	1.380E+04
1.864E-01	1.010E-01	3.201E-07	2.534E-05	2.791E-04	7.042E-05	2.227E-09	1.099E-05	1.400E+04
1.781E-01	1.063E-01	4.343E-07	2.448E-05	2.285E-04	6.502E-05	1.661E-09	9.212E-06	1.420E+04
1.698E-01	1.114E-01	5.839E-07	2.355E-05	1.872E-04	6.139E-05	1.240E-09	7.703E-06	1.440E+04
1.616E-01	1.163E-01	7.784E-07	2.257E-05	1.535E-04	5.713E-05	9.260E-10	6.425E-06	1.460E+04
1.535E-01	1.211E-01	1.029E-06	2.155E-05	1.259E-04	5.304E-05	6.914E-10	5.349E-06	1.480E+04
1.455E-01	1.257E-01	1.349E-06	2.051E-05	1.032E-04	4.913E-05	5.161E-10	4.443E-06	1.500E+04
1.377E-01	1.303E-01	1.755E-06	1.945E-05	8.464E-05	4.540E-05	3.651E-10	3.682E-06	1.520E+04
1.301E-01	1.345E-01	2.267E-06	1.838E-05	6.941E-05	4.184E-05	2.871E-10	3.045E-06	1.540E+04
1.228E-01	1.380E-01	2.906E-06	1.731E-05	5.691E-05	3.848E-05	2.139E-10	2.514E-06	1.560E+04
1.156E-01	1.416E-01	3.701E-06	1.626E-05	4.664E-05	3.529E-05	1.591E-10	2.071E-06	1.580E+04
1.088E-01	1.449E-01	4.683E-06	1.522E-05	3.821E-05	3.229E-05	1.182E-10	1.703E-06	1.600E+04
1.022E-01	1.480E-01	5.889E-06	1.421E-05	3.129E-05	2.947E-05	8.774E-11	1.399E-06	1.620E+04
9.593E-02	1.507E-01	7.561E-06	1.324E-05	2.561E-05	2.683E-05	6.500E-11	1.147E-06	1.640E+04
8.993E-02	1.532E-01	9.149E-06	1.229E-05	2.095E-05	2.437E-05	4.807E-11	9.392E-07	1.660E+04
8.422E-02	1.555E-01	1.131E-05	1.139E-05	1.712E-05	2.208E-05	3.548E-11	7.682E-07	1.680E+04
7.881E-02	1.575E-01	1.391E-05	1.053E-05	1.399E-05	1.996E-05	2.615E-11	6.276E-07	1.700E+04
7.368E-02	1.592E-01	1.703E-05	9.717E-05	1.143E-05	1.801E-05	1.923E-11	5.124E-07	1.720E+04
6.884E-02	1.607E-01	2.075E-05	8.946E-06	9.324E-06	1.621E-05	1.412E-11	4.180E-07	1.740E+04
6.429E-02	1.620E-01	2.517E-05	8.220E-06	7.604E-06	1.456E-05	1.034E-11	3.408E-07	1.760E+04
6.000E-02	1.631E-01	3.042E-05	7.540E-06	6.198E-06	1.305E-05	7.566E-12	2.778E-07	1.780E+04
5.598E-02	1.640E-01	3.651E-05	6.904E-06	5.050E-06	1.158E-05	5.524E-12	2.263E-07	1.800E+04
5.224E-02	1.648E-01	4.391E-05	6.313E-06	4.112E-06	1.044E-05	4.027E-12	1.844E-07	1.820E+04
4.870E-02	1.654E-01	5.248E-05	5.764E-06	3.348E-06	9.308E-06	2.931E-12	1.503E-07	1.840E+04
4.541E-02	1.659E-01	6.252E-05	5.256E-06	2.725E-06	8.290E-06	2.130E-12	1.225E-07	1.860E+04
4.235E-02	1.662E-01	7.426E-05	4.787E-06	2.217E-06	7.373E-06	1.545E-12	9.989E-08	1.880E+04
3.950E-02	1.665E-01	8.795E-05	4.355E-06	1.804E-06	6.551E-06	1.121E-12	8.147E-08	1.900E+04
3.684E-02	1.666E-01	1.039E-04	3.959E-06	1.468E-06	5.814E-06	8.125E-13	6.651E-08	1.920E+04
3.437E-02	1.667E-01	1.223E-04	3.596E-06	1.195E-06	5.155E-06	5.883E-13	5.434E-08	1.940E+04
3.208E-02	1.668E-01	1.438E-04	3.264E-06	9.729E-07	4.568E-06	4.258E-13	4.444E-08	1.960E+04
2.995E-02	1.667E-01	1.683E-04	2.961E-06	7.924E-07	4.045E-06	3.081E-13	3.638E-08	1.980E+04
2.798E-02	1.667E-01	1.971E-04	2.685E-06	6.457E-07	3.580E-06	2.230E-13	2.982E-08	2.000E+04
2.614E-02	1.666E-01	2.299E-04	2.434E-06	5.266E-07	3.168E-06	1.614E-13	2.448E-08	2.020E+04
2.445E-02	1.665E-01	2.677E-04	2.206E-06	4.298E-07	2.802E-06	1.169E-13	2.012E-08	2.040E+04
2.287E-02	1.663E-01	3.111E-04	1.999E-06	3.511E-07	2.479E-06	8.472E-14	1.656E-08	2.060E+04
2.141E-02	1.662E-01	3.607E-04	1.811E-06	2.871E-07	2.193E-06	6.145E-14	1.365E-08	2.080E+04
2.006E-02	1.660E-01	4.174E-04	1.641E-06	2.350E-07	1.940E-06	4.463E-14	1.127E-08	2.100E+04
1.881E-02	1.658E-01	4.821E-04	1.488E-06	1.926E-07	1.717E-06	3.245E-14	9.315E-09	2.120E+04
1.764E-02	1.656E-01	5.557E-04	1.348E-06	1.580E-07	1.520E-06	2.363E-14	7.715E-09	2.140E+04
1.657E-02	1.654E-01	6.393E-04	1.222E-06	1.299E-07	1.346E-06	1.724E-14	6.401E-09	2.160E+04
1.556E-02	1.652E-01	7.341E-04	1.109E-06	1.069E-07	1.192E-06	1.260E-14	5.319E-09	2.180E+04
1.453E-02	1.650E-01	8.414E-04	1.006E-06	8.810E-08	1.057E-06	9.227E-15	4.428E-09	2.200E+04
1.377E-02	1.647E-01	9.625E-04	9.129E-07	7.273E-08	9.377E-07	6.771E-15	3.692E-09	2.220E+04
1.297E-02	1.645E-01	1.099E-03	8.289E-07	6.013E-08	8.320E-07	4.979E-15	3.084E-09	2.240E+04
1.222E-02	1.642E-01	1.253E-03	7.530E-07	4.980E-08	7.390E-07	3.670E-15	2.580E-09	2.260E+04
1.152E-02	1.640E-01	1.425E-03	6.844E-07	4.131E-08	6.568E-07	2.712E-15	2.162E-09	2.280E+04
1.087E-02	1.637E-01	1.618E-03	6.223E-07	3.433E-08	5.842E-07	2.009E-15	1.815E-09	2.300E+04
1.027E-02	1.634E-01	1.834E-03	5.662E-07	2.858E-08	5.200E-07	1.492E-15	1.526E-09	2.320E+04
9.705E-03	1.631E-01	2.075E-03	5.154E-07	2.383E-08	4.632E-07	1.110E-15	1.285E-09	2.340E+04
9.177E-03	1.627E-01	2.343E-03	4.695E-07	1.990E-08	4.129E-07	8.289E-16	1.084E-09	2.360E+04
8.684E-03	1.623E-01	2.641E-03	4.278E-07	1.665E-08	3.684E-07	6.203E-16	9.154E-10	2.380E+04
8.222E-03	1.619E-01	2.972E-03	3.901E-07	1.395E-08	3.287E-07	4.654E-16	7.743E-10	2.400E+04
7.789E-03	1.615E-01	3.337E-03	3.559E-07	1.171E-08	2.939E-07	3.501E-16	6.558E-10	2.420E+04
7.383E-03	1.610E-01	3.740E-03	3.249E-07	9.848E-09	2.628E-07	2.641E-16	5.561E-10	2.440E+04
7.001E-03	1.605E-01	4.185E-03	2.967E-07	8.294E-09	2.351E-07	1.997E-16	4.722E-10	2.460E+04
6.642E-03	1.599E-01	4.673E-03	2.712E-07	6.996E-09	2.105E-07	1.514E-16	4.014E-10	2.480E+04
6.305E-03	1.593E-01	5.208E-03	2.479E-07	5.910E-09	1.886E-07	1.151E-16	3.417E-10	2.500E+04

Table II. - Continued.

P/PO = 2.00E+01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.342E-11	1.760E-18	0.
2.000E+02	0.	1.698E-68	0.	0.	0.	5.119E-11	1.760E-18	0.
3.000E+02	0.	7.977E-47	7.026E-81	0.	0.	5.625E-11	1.760E-18	0.
4.000E+02	0.	5.283E-36	1.919E-63	0.	0.	4.746E-11	1.760E-18	0.
5.000E+02	0.	1.846E-29	5.341E-53	0.	0.	5.006E-11	1.760E-18	0.
6.000E+02	5.606E-95	4.287E-25	5.100E-44	0.	0.	5.035E-11	1.760E-18	3.827E-96
7.000E+02	2.265E-80	5.571E-22	5.138E-41	0.	8.021E-91	4.820E-11	1.760E-18	6.468E-83
8.000E+02	7.147E-69	2.237E-19	1.604E-37	0.	3.437E-78	1.565E-10	1.760E-18	6.073E-72
9.000E+02	4.813E-59	6.500E-17	3.098E-35	0.	4.679E-67	7.910E-09	1.760E-18	1.150E-61
1.000E+03	4.301E-51	6.654E-15	1.927E-33	0.	4.908E-58	3.580E-08	1.760E-18	2.701E-53
1.100E+03	1.411E-44	2.954E-13	5.671E-32	0.	1.190E-50	2.804E-07	1.760E-18	1.926E-46
1.200E+03	3.861E-39	6.984E-12	9.539E-31	0.	1.697E-44	1.556E-06	1.760E-18	9.868E-41
1.300E+03	1.560E-34	1.016E-10	1.043E-29	0.	2.731E-39	6.619E-06	1.760E-18	6.661E-36
1.400E+03	1.401E-30	1.010E-09	8.136E-29	0.	7.914E-35	2.205E-05	1.760E-18	9.149E-32
1.500E+03	3.774E-27	7.393E-09	4.837E-28	0.	5.821E-31	6.670E-05	1.760E-18	3.515E-28
1.600E+03	3.824E-24	4.222E-08	2.307E-27	0.	1.405E-27	1.704E-04	1.760E-18	4.797E-25
1.700E+03	1.726E-21	1.965E-07	9.185E-27	0.	1.352E-24	3.886E-04	1.762E-18	2.788E-22
1.800E+03	3.258E-19	7.706E-07	3.832E-26	0.	4.964E-22	8.875E-04	2.151E-18	6.522E-20
1.900E+03	7.904E-18	2.617E-06	6.277E-25	0.	2.167E-20	1.551E-03	1.158E-17	1.901E-18
2.000E+03	7.507E-17	7.863E-06	1.47E-23	0.	3.467E-19	2.703E-03	9.828E-17	2.111E-17
2.100E+03	5.430E-16	2.125E-05	2.581E-22	3.927E-90	3.993E-18	4.711E-03	7.230E-16	1.743E-16
2.200E+03	3.262E-15	5.242E-05	3.630E-21	6.974E-86	3.637E-17	7.577E-03	4.470E-15	1.170E-15
2.300E+03	1.675E-14	1.193E-04	4.073E-20	5.346E-82	2.714E-16	1.164E-02	2.361E-14	6.595E-15
2.400E+03	7.503E-14	2.531E-04	5.746E-19	1.960E-78	1.700E-15	1.718E-02	1.086E-13	3.185E-14
2.500E+03	2.979E-13	5.040E-04	2.891E-18	3.750E-75	9.127E-15	2.441E-01	4.10E-13	1.341E-13
2.600E+03	1.063E-12	9.487E-04	1.910E-17	4.042E-72	4.270E-14	3.353E-02	6.04E-12	4.996E-13
2.700E+03	3.444E-12	1.697E-03	1.098E-16	2.612E-69	1.766E-13	4.459E-02	5.281E-12	1.665E-12
2.800E+03	1.024E-11	2.899E-03	5.573E-16	1.069E-66	6.534E-13	5.754E-01	1.590E-11	5.016E-12
2.900E+03	2.820E-11	4.747E-03	2.530E-15	2.899E-64	2.185E-12	7.217E-02	4.409E-11	1.377E-11
3.000E+03	7.232E-11	7.476E-03	1.038E-14	5.471E-62	6.661E-12	8.807E-02	1.135E-10	3.473E-11
3.100E+03	1.740E-10	1.136E-02	3.887E-14	7.391E-60	1.866E-11	1.047E-01	2.728E-10	8.089E-11
3.200E+03	3.945E-10	1.670E-02	1.340E-13	7.389E-58	4.836E-11	1.274E-01	6.157E-10	1.750E-10
3.300E+03	8.475E-10	2.380E-02	4.280E-13	5.624E-56	1.166E-10	1.37E-01	1.212E-09	3.535E-10
3.400E+03	1.732E-09	3.297E-02	1.277E-12	3.330E-54	2.629E-10	1.519E-01	2.649E-09	6.692E-10
3.500E+03	3.378E-09	4.445E-02	3.575E-12	1.581E-52	5.570E-10	1.643E-01	5.091E-09	1.193E-09
3.600E+03	6.313E-09	5.845E-02	9.447E-12	6.088E-51	1.113E-07	1.739E-01	9.348E-09	2.007E-09
3.700E+03	1.133E-08	7.507E-02	2.368E-11	1.939E-49	2.108E-09	1.803E-01	1.645E-08	3.202E-09
3.800E+03	1.960E-08	9.433E-02	5.672E-11	5.189E-48	3.793E-09	1.833E-01	2.784E-08	4.854E-09
3.900E+03	3.272E-08	1.161E-01	1.290E-10	1.183E-46	6.506E-09	1.829E-01	4.542E-08	7.015E-09
4.000E+03	5.286E-08	1.401E-01	2.824E-10	2.326E-45	1.067E-08	1.702E-01	7.160E-08	9.687E-09
4.100E+03	8.281E-08	1.661E-01	5.948E-10	3.989E-44	1.678E-08	1.726E-01	1.093E-07	1.281E-08
4.200E+03	1.261E-07	1.934E-01	1.209E-09	6.024E-43	2.535E-08	1.694E-01	1.619E-07	1.627E-08
4.300E+03	1.869E-07	2.215E-01	2.374E-09	8.085E-42	3.690E-08	1.522E-01	2.331E-07	1.988E-08
4.400E+03	2.701E-07	2.499E-01	4.520E-09	9.716E-41	5.187E-08	1.396E-01	3.266E-07	2.343E-08
4.500E+03	3.815E-07	2.778E-01	8.351E-07	1.052E-39	7.059E-08	1.262E-01	4.461E-07	2.670E-08
4.600E+03	5.217E-07	3.047E-01	1.500E-08	1.034E-38	9.325E-08	1.125E-01	5.945E-07	2.950E-08
4.700E+03	7.157E-07	3.300E-01	2.621E-08	9.249E-38	1.199E-07	9.906E-02	7.740E-07	3.170E-08
4.800E+03	9.590E-07	3.533E-01	4.462E-08	7.570E-37	1.506E-07	8.629E-02	9.855E-07	3.325E-08
4.900E+03	1.266E-06	3.744E-01	7.405E-08	5.686E-36	1.853E-07	7.445E-02	1.228E-06	3.416E-08
5.000E+03	1.632E-06	3.932E-01	1.198E-07	3.929E-35	2.240E-07	6.374E-02	1.570E-06	3.451E-08
5.100E+03	2.101E-06	4.096E-01	1.893E-07	2.503E-34	2.672E-07	5.424E-02	1.755E-06	3.442E-08
5.200E+03	2.683E-06	4.237E-01	2.917E-07	1.474E-33	3.151E-07	4.505E-02	2.108E-06	3.402E-08
5.300E+03	3.409E-06	4.358E-01	4.390E-07	8.029E-33	3.688E-07	3.881E-02	2.430E-06	3.342E-08
5.400E+03	4.315E-06	4.460E-01	6.456E-07	4.058E-32	4.292E-07	3.273E-02	2.754E-06	3.275E-08
5.500E+03	5.477E-06	4.546E-01	9.282E-07	1.908E-31	4.974E-07	2.769E-02	3.069E-06	3.207E-08
5.600E+03	6.865E-06	4.618E-01	1.306E-05	8.365E-31	5.757E-07	2.328E-02	3.370E-06	3.144E-08
5.700E+03	8.640E-06	4.678E-01	1.801E-06	3.433E-30	6.652E-07	1.966E-02	3.648E-06	3.090E-08
5.800E+03	1.086E-05	4.728E-01	2.437E-06	1.323E-29	7.680E-07	1.665E-02	3.900E-06	3.047E-08
5.900E+03	1.364E-05	4.770E-01	3.240E-06	4.807E-29	8.862E-07	1.423E-02	4.123E-06	3.014E-08
6.000E+03	1.711E-05	4.805E-01	4.238E-06	1.653E-28	1.022E-06	1.203E-02	4.315E-06	2.993E-08
6.100E+03	2.143E-05	4.835E-01	5.461E-06	5.394E-28	1.179E-06	1.028E-02	4.477E-06	2.983E-08
6.200E+03	2.679E-05	4.861E-01	6.940E-06	1.676E-27	1.358E-06	8.552E-03	4.610E-06	2.984E-08
6.300E+03	3.344E-05	4.883E-01	8.706E-06	4.976E-27	1.565E-06	7.586E-03	4.714E-06	2.995E-08
6.400E+03	4.167E-05	4.902E-01	1.079E-05	1.414E-26	1.802E-06	6.554E-03	4.791E-06	3.018E-08
6.500E+03	5.182E-05	4.920E-01	1.323E-05	3.857E-26	2.075E-06	5.684E-03	4.842E-06	3.052E-08
6.600E+03	6.435E-05	4.936E-01	1.604E-05	1.011E-25	2.389E-06	4.950E-03	4.869E-06	3.098E-08
6.700E+03	7.778E-05	4.952E-01	1.925E-05	2.555E-25	2.750E-06	4.328E-03	4.874E-06	3.157E-08
6.800E+03	9.876E-05	4.969E-01	2.290E-05	6.226E-25	3.167E-06	3.800E-03	4.859E-06	3.231E-08
6.900E+03	1.221E-04	4.986E-01	2.698E-05	1.467E-24	3.649E-06	3.351E-03	4.827E-06	3.320E-08
7.000E+03	1.507E-04	5.005E-01	3.154E-05	3.346E-24	4.205E-06	2.968E-03	4.780E-06	3.425E-08
7.100E+03	1.856E-04	5.026E-01	3.659E-05	7.407E-24	4.846E-06	2.640E-03	4.721E-06	3.547E-08
7.200E+03	2.283E-04	5.049E-01	4.215E-05	1.594E-23	5.587E-06	2.359E-03	4.656E-06	3.688E-08
7.300E+03	2.801E-04	5.077E-01	4.828E-05	3.342E-23	6.438E-06	2.118E-03	4.587E-06	3.847E-08
7.400E+03	3.427E-04	5.109E-01	5.501E-05	6.843E-23	7.414E-06	1.921E-03	4.519E-06	4.026E-08
7.500E+03	4.180E-04	5.145E-01	6.243E-05	1.371E-22	8.532E-06	1.752E-03	4.455E-06	4.225E-08
7.600E+03	5.079E-04	5.187E-01	7.063E-05	2.696E-22	9.801E-06	1.578E-03	4.400E-06	4.42E-08
7.700E+03	6.145E-04	5.234E-01	7.972E-05	5.211E-22	1.123E-05	1.444E-03	4.355E-06	4.676E-08
7.800E+03	7.399E-04	5.286E-01	8.984E-05	9.922E-22	1.284E-05	1.328E-03	4.324E-06	4.926E-08
7.900E+03	8.861E-04	5.344E-01	1.012E-04	1.864E-21	1.463E-05	1.226E-03	4.307E-06	5.189E-08
8.000E+03	1.055E-03	5.407E-01	1.139E-04	3.462E-21	1.661E-05	1.137E-03	4.306E-06	5.463E-08
8.200E+03	1.470E-03	5.542E-01	1.442E-04	1.158E-20	2.112E-05	9.872E-04	4.353E-06	6.022E-08

Table II. - Continued.

P/P0 = 2.00E+01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.391E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	5.219E-41	2.959E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.210E-23	1.421E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	3.000E-21	2.967E-48	1.000E+00	0.	5.000E+02
1.917E-80	1.927E-81	0.	0.	1.497E-15	5.090E-40	1.000E+00	0.	6.000E+02
1.381E-66	1.617E-68	0.	0.	8.929E-13	4.168E-34	1.000E+00	4.032E-93	7.000E+02
1.027E-55	7.156E-60	0.	0.	2.180E-10	1.832E-30	1.000E+00	6.520E-79	8.000E+02
6.614E-50	6.902E-55	0.	0.	5.726E-09	6.195E-29	1.000E+00	1.326E-69	9.000E+02
1.554E-44	4.789E-51	0.	0.	7.151E-08	7.944E-28	1.000E+00	2.626E-62	1.000E+03
3.886E-40	6.603E-48	0.	1.592E-78	5.608E-07	6.347E-27	1.000E+00	2.421E-56	1.100E+03
1.792E-35	2.740E-43	0.	5.353E-70	3.112E-06	3.585E-26	1.000E+00	2.253E-51	1.200E+03
2.263E-33	4.523E-43	0.	8.776E-63	1.324E-05	1.352E-25	1.000E+00	3.641E-47	1.300E+03
1.032E-30	3.715E-41	0.	1.340E-55	4.371E-05	5.450E-25	9.999E-01	1.468E-43	1.400E+03
2.083E-28	1.615E-39	2.565E-95	3.062E-51	1.336E-04	1.620E-24	9.998E-01	1.958E-40	1.500E+03
2.159E-26	4.509E-38	1.092E-91	1.496E-44	3.407E-04	4.202E-24	9.995E-01	1.063E-37	1.600E+03
1.308E-24	3.536E-37	1.750E-88	2.048E-42	7.774E-04	9.758E-24	9.988E-01	2.749E-35	1.700E+03
5.009E-23	1.425E-35	1.848E-85	7.965E-39	1.915E-02	2.518E-23	9.975E-01	3.835E-33	1.800E+03
1.307E-21	7.982E-34	1.913E-81	2.875E-36	3.104E-03	2.651E-22	9.953E-01	5.182E-31	1.900E+03
2.662E-20	5.599E-32	2.744E-77	3.082E-34	5.574E-02	4.113E-21	9.915E-01	1.695E-29	2.000E+03
3.577E-19	2.794E-30	1.793E-73	1.985E-32	9.444E-03	5.227E-20	9.854E-01	6.183E-28	2.100E+03
3.922E-18	9.879E-29	5.418E-70	6.656E-31	1.521E-02	5.307E-19	9.772E-01	1.523E-26	2.200E+03
3.553E-17	2.573E-27	8.223E-67	2.700E-29	2.341E-02	4.429E-18	9.648E-01	5.202E-25	2.300E+03
2.674E-16	5.109E-26	6.839E-64	6.287E-28	3.461E-02	3.094E-17	9.620E-01	4.912E-24	2.400E+03
1.713E-15	8.056E-25	3.348E-61	1.131E-26	4.933E-02	1.849E-16	9.257E-01	6.036E-23	2.500E+03
9.483E-15	1.328E-23	1.026E-58	1.617E-25	6.800E-02	9.618E-16	8.975E-01	6.091E-22	2.600E+03
4.615E-14	1.090E-22	2.074E-56	1.885E-24	9.088E-02	4.418E-15	8.628E-01	5.153E-21	2.700E+03
2.001E-13	9.786E-22	2.891E-54	1.829E-23	1.180E-01	1.811E-14	8.216E-01	3.721E-20	2.800E+03
7.316E-13	7.570E-21	2.890E-52	1.504E-22	1.491E-01	6.738E-14	7.740E-01	2.330E-19	2.900E+03
2.779E-12	5.121E-20	2.143E-50	1.065E-21	1.836E-01	2.283E-13	7.208E-01	1.262E-18	3.000E+03
9.073E-12	3.071E-19	1.214E-48	6.582E-21	2.208E-01	7.118E-13	6.632E-01	6.273E-18	3.100E+03
2.742E-11	1.651E-18	5.397E-47	3.593E-20	2.595E-01	2.057E-12	6.024E-01	2.760E-17	3.200E+03
7.721E-11	8.045E-18	1.925E-45	1.752E-19	2.985E-01	5.551E-12	5.402E-01	1.102E-16	3.300E+03
2.040E-10	3.586E-17	5.632E-44	7.699E-19	3.368E-01	1.407E-11	4.783E-01	4.030E-16	3.400E+03
5.083E-10	1.475E-16	1.374E-42	3.077E-18	3.730E-01	3.368E-11	4.183E-01	1.251E-15	3.500E+03
1.202E-09	5.678E-16	2.850E-41	1.127E-17	4.062E-01	7.655E-11	3.615E-01	4.275E-15	3.600E+03
2.707E-09	2.018E-15	5.087E-40	3.911E-17	4.357E-01	1.661E-10	3.090E-01	1.258E-14	3.700E+03
5.842E-09	6.807E-15	7.926E-39	1.198E-16	4.610E-01	3.455E-10	2.614E-01	3.495E-14	3.800E+03
1.212E-08	2.176E-14	1.094E-37	3.520E-15	4.819E-01	6.917E-10	2.190E-01	9.215E-14	3.900E+03
2.428E-08	6.632E-14	1.347E-36	9.726E-16	4.986E-01	1.339E-09	1.821E-01	2.320E-13	4.000E+03
4.712E-08	1.935E-13	1.491E-35	2.541E-15	5.112E-01	2.512E-09	1.502E-01	5.508E-13	4.100E+03
8.890E-08	5.430E-13	1.511E-34	6.204E-15	5.201E-01	4.587E-09	1.231E-01	1.304E-12	4.200E+03
1.635E-07	1.471E-12	1.407E-33	1.492E-14	5.259E-01	8.172E-09	1.004E-01	2.958E-12	4.300E+03
2.942E-07	3.861E-12	1.207E-32	3.386E-14	5.290E-01	1.424E-08	8.150E-02	6.510E-12	4.400E+03
5.185E-07	9.441E-12	9.619E-32	7.392E-14	5.301E-01	2.431E-08	6.593E-02	1.400E-11	4.500E+03
8.975E-07	2.443E-11	7.152E-31	1.559E-13	5.366E-01	4.074E-08	5.320E-02	2.948E-11	4.600E+03
1.528E-06	5.910E-11	4.979E-30	3.185E-13	5.281E-01	6.707E-08	4.267E-02	6.098E-11	4.700E+03
2.563E-06	1.395E-10	3.252E-29	6.327E-13	5.259E-01	1.086E-07	3.453E-02	1.241E-10	4.800E+03
4.238E-06	3.212E-10	1.996E-28	1.226E-12	5.233E-01	1.729E-07	2.783E-02	2.487E-10	4.900E+03
6.914E-06	7.217E-10	1.152E-27	2.325E-12	5.206E-01	2.705E-07	2.245E-02	4.913E-10	5.000E+03
1.114E-05	1.581E-09	6.248E-27	4.225E-12	5.180E-01	4.165E-07	1.817E-02	9.566E-10	5.100E+03
1.772E-05	3.276E-09	3.185E-26	7.909E-12	5.156E-01	5.297E-07	1.474E-02	1.835E-09	5.200E+03
2.783E-05	7.020E-09	1.526E-25	1.425E-11	5.134E-01	9.350E-07	1.201E-02	3.473E-09	5.300E+03
4.319E-05	1.421E-08	6.871E-25	2.534E-11	5.114E-01	1.363E-06	9.819E-03	6.474E-09	5.400E+03
6.622E-05	2.799E-08	2.910E-24	4.451E-11	5.097E-01	1.951E-06	8.065E-03	1.183E-08	5.500E+03
1.003E-04	5.369E-08	1.160E-23	7.733E-11	5.082E-01	2.742E-06	6.656E-03	2.149E-08	5.600E+03
1.502E-04	1.003E-07	4.367E-23	1.329E-10	5.068E-01	3.787E-06	5.519E-03	3.325E-08	5.700E+03
2.222E-04	1.827E-07	1.555E-22	2.261E-10	5.057E-01	5.142E-06	4.599E-03	5.705E-08	5.800E+03
3.251E-04	3.245E-07	5.248E-22	3.808E-10	5.046E-01	6.977E-06	3.852E-03	1.157E-07	5.900E+03
4.705E-04	5.637E-07	1.685E-21	6.345E-10	5.037E-01	9.047E-06	3.241E-03	1.967E-07	6.000E+03
6.730E-04	9.572E-07	5.157E-21	1.046E-09	5.027E-01	1.174E-05	2.741E-03	3.293E-07	6.100E+03
9.127E-04	1.591E-06	1.509E-20	1.708E-09	5.018E-01	1.504E-05	2.328E-03	5.430E-07	6.200E+03
1.335E-03	2.592E-06	4.228E-20	2.758E-09	5.008E-01	1.903E-05	1.986E-03	8.822E-07	6.300E+03
1.851E-03	4.140E-06	1.137E-19	4.409E-09	4.996E-01	2.378E-05	1.702E-03	1.412E-06	6.400E+03
2.541E-03	6.489E-06	2.940E-19	6.979E-09	4.982E-01	2.938E-05	1.464E-03	2.228E-06	6.500E+03
3.453E-03	9.985E-06	7.320E-19	1.094E-08	4.966E-01	3.589E-05	1.264E-03	3.464E-06	6.600E+03
4.647E-03	1.509E-05	1.757E-18	1.697E-08	4.945E-01	4.335E-05	1.096E-03	3.06E-06	6.700E+03
6.197E-03	2.241E-05	4.069E-18	2.607E-08	4.920E-01	5.182E-05	9.527E-04	8.008E-06	6.800E+03
8.171E-03	3.271E-05	9.105E-18	3.965E-08	4.897E-01	6.127E-05	8.305E-04	1.190E-05	6.900E+03
1.067E-02	4.694E-05	1.371E-17	5.973E-08	4.871E-01	7.170E-05	7.260E-04	1.742E-05	7.000E+03
1.381E-02	6.626E-05	4.134E-17	8.902E-08	4.800E-01	8.304E-05	6.259E-04	2.509E-05	7.100E+03
1.757E-02	9.202E-05	8.408E-17	1.312E-07	4.740E-01	9.522E-05	5.579E-04	3.554E-05	7.200E+03
2.237E-02	1.258E-04	1.661E-16	1.912E-07	4.667E-01	1.081E-04	4.900E-04	4.947E-05	7.300E+03
2.802E-02	1.693E-04	3.191E-16	2.751E-07	4.580E-01	1.216E-04	4.307E-04	6.760E-05	7.400E+03
3.471E-02	2.245E-04	5.972E-16	3.906E-07	4.477E-01	1.355E-04	3.785E-04	9.065E-05	7.500E+03
4.247E-02	2.934E-04	1.091E-15	5.467E-07	4.358E-01	1.499E-04	3.327E-04	1.142E-04	7.600E+03
5.140E-02	3.782E-04	1.947E-15	7.538E-07	4.221E-01	1.643E-04	2.920E-04	1.525E-04	7.700E+03
6.143E-02	4.809E-04	3.401E-15	1.023E-06	4.066E-01	1.787E-04	2.559E-04	1.937E-04	7.800E+03
7.254E-02	6.039E-04	5.826E-15	1.366E-06	3.896E-01	1.928E-04	2.238E-04	2.392E-04	7.900E+03
8.462E-02	7.491E-04	9.797E-15	1.793E-06	3.710E-01	2.065E-04	1.951E-04	2.891E-04	8.000E+03
9.111E-01	1.114E-03	2.634E-14	2.938E-06	3.301E-01	2.722E-04	1.469E-04	3.966E-04	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.999E-03	5.687E-01	1.829E-04	3.739E-20	2.634E-05	8.666E-04	4.462E-06	6.569E-08
8.600E+03	2.654E-03	5.830E-01	2.322E-04	1.170E-19	3.215E-05	7.659E-04	4.623E-06	7.063E-08
8.800E+03	3.443E-03	5.965E-01	2.945E-04	3.548E-19	3.843E-05	6.794E-04	4.828E-06	7.470E-08
9.000E+03	4.377E-03	6.085E-01	3.728E-04	1.044E-18	4.501E-05	6.034E-04	5.065E-06	7.769E-08
9.200E+03	5.462E-03	6.187E-01	4.704E-04	2.977E-18	5.174E-05	5.359E-04	5.326E-06	7.952E-08
9.400E+03	6.708E-03	6.269E-01	5.908E-04	8.225E-18	5.850E-05	4.758E-04	5.603E-06	8.024E-08
9.600E+03	8.124E-03	6.332E-01	7.380E-04	2.201E-17	6.520E-05	4.223E-04	5.891E-06	7.999E-08
9.800E+03	9.722E-03	6.379E-01	9.165E-04	5.705E-17	7.180E-05	3.748E-04	6.188E-06	7.896E-08
1.000E+04	1.151E-02	6.411E-01	1.131E-03	1.433E-16	7.826E-05	3.330E-04	6.489E-06	7.732E-08
1.020E+04	1.351E-02	6.432E-01	1.387E-03	3.489E-16	8.457E-05	2.961E-04	6.795E-06	7.524E-08
1.040E+04	1.573E-02	6.442E-01	1.691E-03	8.243E-16	9.071E-05	2.537E-04	7.104E-06	7.286E-08
1.060E+04	1.817E-02	6.444E-01	2.048E-03	1.892E-15	9.668E-05	2.352E-04	7.415E-06	7.028E-08
1.080E+04	2.087E-02	6.438E-01	2.467E-03	4.224E-15	1.025E-04	2.103E-04	7.728E-06	6.752E-08
1.100E+04	2.382E-02	6.427E-01	2.953E-03	9.182E-15	1.081E-04	1.882E-04	8.042E-06	6.483E-08
1.120E+04	2.704E-02	6.410E-01	3.516E-03	1.945E-14	1.135E-04	1.690E-04	8.357E-06	6.205E-08
1.140E+04	3.054E-02	6.388E-01	4.164E-03	4.023E-14	1.186E-04	1.519E-04	8.672E-06	5.929E-08
1.160E+04	3.433E-02	6.361E-01	4.905E-03	8.127E-14	1.236E-04	1.369E-04	8.986E-06	5.655E-08
1.180E+04	3.841E-02	6.330E-01	5.751E-03	1.606E-13	1.283E-04	1.235E-04	9.299E-06	5.385E-08
1.200E+04	4.280E-02	6.295E-01	6.711E-03	3.107E-13	1.327E-04	1.116E-04	9.609E-06	5.120E-08
1.220E+04	4.749E-02	6.256E-01	7.795E-03	5.891E-13	1.368E-04	1.010E-04	9.916E-06	4.851E-08
1.240E+04	5.250E-02	6.213E-01	9.016E-03	1.096E-12	1.406E-04	9.158E-05	1.022E-05	4.608E-08
1.260E+04	5.782E-02	6.165E-01	1.038E-02	2.002E-12	1.441E-04	8.310E-05	1.051E-05	4.361E-08
1.280E+04	6.346E-02	6.115E-01	1.191E-02	3.592E-12	1.472E-04	7.547E-05	1.080E-05	4.121E-08
1.300E+04	6.940E-02	6.059E-01	1.361E-02	6.341E-12	1.500E-04	6.801E-05	1.108E-05	3.888E-08
1.320E+04	7.566E-02	6.000E-01	1.549E-02	1.101E-11	1.523E-04	6.241E-05	1.135E-05	3.662E-08
1.340E+04	8.221E-02	5.936E-01	1.757E-02	1.884E-11	1.543E-04	5.680E-05	1.161E-05	3.442E-08
1.360E+04	8.907E-02	5.868E-01	1.986E-02	3.177E-11	1.559E-04	5.171E-05	1.185E-05	3.230E-08
1.380E+04	9.621E-02	5.796E-01	2.237E-02	5.281E-11	1.570E-04	4.709E-05	1.208E-05	3.024E-08
1.400E+04	1.036E-01	5.720E-01	2.511E-02	8.661E-11	1.578E-04	4.288E-05	1.229E-05	2.826E-08
1.420E+04	1.113E-01	5.639E-01	2.810E-02	1.402E-10	1.581E-04	3.904E-05	1.248E-05	2.636E-08
1.440E+04	1.192E-01	5.554E-01	3.134E-02	2.242E-10	1.580E-04	3.554E-05	1.265E-05	2.453E-08
1.460E+04	1.274E-01	5.465E-01	3.485E-02	3.542E-10	1.575E-04	3.233E-05	1.279E-05	2.277E-08
1.480E+04	1.358E-01	5.371E-01	3.863E-02	5.531E-10	1.565E-04	2.940E-05	1.291E-05	2.109E-08
1.500E+04	1.444E-01	5.274E-01	4.269E-02	8.540E-10	1.552E-04	2.671E-05	1.300E-05	1.948E-08
1.520E+04	1.533E-01	5.172E-01	4.703E-02	1.304E-09	1.535E-04	2.425E-05	1.306E-05	1.795E-08
1.540E+04	1.622E-01	5.066E-01	5.166E-02	1.972E-09	1.514E-04	2.199E-05	1.309E-05	1.650E-08
1.560E+04	1.714E-01	4.956E-01	5.658E-02	2.950E-09	1.489E-04	1.992E-05	1.309E-05	1.512E-08
1.580E+04	1.807E-01	4.842E-01	6.178E-02	4.371E-09	1.461E-04	1.802E-05	1.306E-05	1.382E-08
1.600E+04	1.901E-01	4.725E-01	6.727E-02	6.414E-09	1.430E-04	1.627E-05	1.299E-05	1.259E-08
1.620E+04	1.996E-01	4.604E-01	7.303E-02	9.325E-09	1.396E-04	1.467E-05	1.288E-05	1.144E-08
1.640E+04	2.091E-01	4.480E-01	7.906E-02	1.343E-08	1.359E-04	1.321E-05	1.274E-05	1.036E-08
1.660E+04	2.188E-01	4.353E-01	8.534E-02	1.919E-08	1.319E-04	1.187E-05	1.257E-05	9.252E-09
1.680E+04	2.284E-01	4.223E-01	9.186E-02	2.717E-08	1.278E-04	1.064E-05	1.236E-05	8.119E-09
1.700E+04	2.381E-01	4.092E-01	9.860E-02	3.815E-08	1.234E-04	9.527E-06	1.212E-05	7.151E-09
1.720E+04	2.478E-01	3.958E-01	1.055E-01	5.315E-08	1.189E-04	8.507E-06	1.184E-05	6.150E-09
1.740E+04	2.574E-01	3.823E-01	1.126E-01	7.345E-08	1.142E-04	7.580E-06	1.153E-05	5.144E-09
1.760E+04	2.670E-01	3.686E-01	1.199E-01	1.007E-07	1.095E-04	6.738E-06	1.120E-05	4.172E-09
1.780E+04	2.765E-01	3.549E-01	1.273E-01	1.372E-07	1.045E-04	5.976E-06	1.084E-05	3.242E-09
1.800E+04	2.859E-01	3.411E-01	1.348E-01	1.854E-07	9.975E-05	5.287E-06	1.046E-05	2.365E-09
1.820E+04	2.952E-01	3.274E-01	1.423E-01	2.488E-07	9.485E-05	4.666E-06	1.006E-05	1.549E-09
1.840E+04	3.043E-01	3.137E-01	1.499E-01	3.317E-07	8.996E-05	4.108E-06	9.649E-06	8.203E-09
1.860E+04	3.133E-01	3.001E-01	1.575E-01	4.392E-07	8.511E-05	3.607E-06	9.222E-06	6.794E-09
1.880E+04	3.221E-01	2.867E-01	1.651E-01	5.779E-07	8.032E-05	3.160E-06	8.786E-06	5.430E-09
1.900E+04	3.307E-01	2.735E-01	1.726E-01	7.577E-07	7.561E-05	2.762E-06	8.346E-06	4.165E-09
1.920E+04	3.391E-01	2.605E-01	1.801E-01	9.822E-07	7.102E-05	2.408E-06	7.903E-06	2.859E-09
1.940E+04	3.472E-01	2.477E-01	1.874E-01	1.269E-06	6.655E-05	2.084E-06	7.462E-06	1.565E-09
1.960E+04	3.551E-01	2.353E-01	1.946E-01	1.631E-06	6.222E-05	1.818E-06	7.026E-06	8.343E-09
1.980E+04	3.628E-01	2.231E-01	2.016E-01	2.086E-06	5.804E-05	1.574E-06	6.597E-06	5.149E-09
2.000E+04	3.702E-01	2.114E-01	2.085E-01	2.648E-06	5.404E-05	1.360E-06	6.178E-06	3.803E-09
2.020E+04	3.772E-01	2.000E-01	2.151E-01	3.348E-06	5.021E-05	1.173E-06	5.771E-06	2.434E-09
2.040E+04	3.841E-01	1.890E-01	2.216E-01	4.212E-06	4.657E-05	1.010E-06	5.378E-06	1.073E-09
2.060E+04	3.906E-01	1.784E-01	2.278E-01	5.274E-06	4.311E-05	8.682E-07	5.000E-06	5.992E-10
2.080E+04	3.968E-01	1.683E-01	2.338E-01	6.572E-06	3.985E-05	7.450E-07	4.639E-06	3.061E-09
2.100E+04	4.028E-01	1.586E-01	2.395E-01	8.153E-06	3.677E-05	6.384E-07	4.296E-06	1.266E-09
2.120E+04	4.085E-01	1.493E-01	2.450E-01	1.007E-05	3.389E-05	5.464E-07	3.971E-06	5.589E-10
2.140E+04	4.139E-01	1.405E-01	2.502E-01	1.238E-05	3.119E-05	4.671E-07	3.664E-06	3.015E-09
2.160E+04	4.190E-01	1.321E-01	2.552E-01	1.517E-05	2.867E-05	3.989E-07	3.375E-06	1.528E-09
2.180E+04	4.238E-01	1.241E-01	2.600E-01	1.850E-05	2.632E-05	3.404E-07	3.105E-06	6.118E-10
2.200E+04	4.284E-01	1.166E-01	2.644E-01	2.248E-05	2.415E-05	2.903E-07	2.853E-06	2.772E-10
2.220E+04	4.327E-01	1.095E-01	2.687E-01	2.742E-05	2.213E-05	2.474E-07	2.614E-06	1.481E-10
2.240E+04	4.368E-01	1.027E-01	2.727E-01	3.283E-05	2.027E-05	2.108E-07	2.401E-06	6.237E-10
2.260E+04	4.407E-01	9.640E-02	2.764E-01	3.946E-05	1.856E-05	1.796E-07	2.199E-06	2.633E-10
2.280E+04	4.443E-01	9.044E-02	2.799E-01	4.727E-05	1.698E-05	1.530E-07	2.013E-06	8.616E-11
2.300E+04	4.477E-01	8.485E-02	2.832E-01	5.644E-05	1.553E-05	1.303E-07	1.842E-06	3.188E-11
2.320E+04	4.510E-01	7.959E-02	2.863E-01	6.717E-05	1.420E-05	1.110E-07	1.684E-06	1.095E-11
2.340E+04	4.540E-01	7.467E-02	2.892E-01	7.970E-05	1.297E-05	9.456E-08	1.539E-06	5.001E-11
2.360E+04	4.569E-01	7.005E-02	2.919E-01	9.427E-05	1.186E-05	8.061E-08	1.406E-06	1.733E-11
2.380E+04	4.595E-01	6.574E-02	2.944E-01	1.112E-04	1.084E-05	6.874E-08	1.285E-06	4.383E-11
2.400E+04	4.621E-01	6.169E-02	2.978E-01	1.308E-04	9.903E-06	5.765E-08	1.174E-06	1.908E-11
2.420E+04	4.645E-01	5.791E-02	2.989E-01	1.533E-04	9.050E-06	5.108E-08	1.072E-06	7.429E-11
2.440E+04	4.667E-01	5.438E-02	3.010E-01	1.793E-04	8.273E-06	4.279E-08	9.790E-07	2.031E-11
2.460E+04	4.688E-01	5.108E-02	3.028E-01	2.092E-04	7.563E-06	3.659E-08	8.943E-07	1.699E-11
2.480E+04	4.709E-01	4.803E-02	3.045E-01	2.434E-04	6.917E-06	3.131E-08	8.170E-07	1.422E-11
2.500E+04	4.728E-01	4.512E-02	3.061E-01	2.825E-04	6.327E-06	2.682E-08	7.466E-07	1.192E-11

Table II. - Continued.

C	C+	C++	C-	CG	CO+	CO2	C2	T
1.394E-01	1.583E-03	6.073E-14	4.504E-06	2.864E-01	2.543E-04	1.089E-04	5.018E-04	8.400E+03
1.077E-01	2.184E-03	1.004E-13	6.486E-05	2.424E-01	2.720E-04	7.938E-05	5.890E-04	8.630E+03
1.944E-01	2.907E-03	3.681E-12	8.828E-06	2.907E-01	2.847E-04	5.690E-05	6.493E-04	8.800E+03
2.183E-01	3.761E-03	8.101E-13	1.143E-05	1.630E-01	2.925E-04	4.018E-05	6.764E-04	9.000E+03
2.267E-01	4.757E-03	1.717E-12	1.420E-05	1.303E-01	2.958E-04	2.804E-05	6.734E-04	9.200E+03
2.554E-01	5.892E-03	3.515E-12	1.702E-05	1.031E-01	2.951E-04	1.940E-05	6.466E-04	9.400E+03
2.684E-01	7.174E-03	6.973E-12	1.982E-05	8.088E-02	2.914E-04	1.336E-05	6.037E-04	9.600E+03
2.783E-01	8.603E-03	1.344E-11	2.255E-05	5.320E-02	2.854E-04	9.186E-05	5.518E-04	9.800E+03
2.855E-01	1.020E-02	2.523E-11	2.518E-05	4.521E-02	2.779E-04	6.323E-06	4.967E-04	1.000E+04
2.904E-01	1.195E-02	4.507E-11	2.757E-05	3.849E-02	2.593E-04	4.367E-05	4.421E-04	1.020E+04
2.934E-01	1.389E-02	8.027E-11	3.004E-05	3.010E-02	2.601E-04	3.031E-06	3.903E-04	1.040E+04
2.948E-01	1.600E-02	1.437E-10	3.225E-05	2.352E-02	2.507E-04	2.117E-06	3.428E-04	1.060E+04
2.951E-01	1.824E-02	2.459E-10	3.434E-05	1.860E-02	2.411E-04	1.488E-05	2.999E-04	1.080E+04
2.943E-01	2.077E-02	4.125E-10	3.628E-05	1.472E-02	2.317E-04	1.053E-05	2.617E-04	1.100E+04
2.926E-01	2.344E-02	6.794E-10	3.807E-05	1.169E-02	2.224E-04	7.508E-07	2.240E-04	1.120E+04
2.902E-01	2.631E-02	1.100E-09	3.970E-05	9.334E-03	2.133E-04	5.390E-07	1.984E-04	1.140E+04
2.871E-01	2.937E-02	1.751E-09	4.118E-05	7.464E-03	2.045E-04	3.896E-07	1.725E-04	1.160E+04
2.835E-01	3.262E-02	2.744E-09	4.249E-05	6.028E-03	1.959E-04	2.834E-07	1.499E-04	1.180E+04
2.794E-01	3.507E-02	4.236E-09	4.363E-05	4.875E-03	1.876E-04	2.074E-07	1.302E-04	1.200E+04
2.749E-01	3.669E-02	6.449E-09	4.460E-05	3.958E-03	1.795E-04	1.527E-07	1.131E-04	1.220E+04
2.699E-01	4.349E-02	9.635E-09	4.539E-05	3.226E-03	1.717E-04	1.130E-07	9.809E-05	1.240E+04
2.646E-01	4.745E-02	1.436E-08	4.600E-05	2.638E-03	1.641E-04	8.410E-08	8.505E-05	1.260E+04
2.589E-01	5.137E-02	2.102E-08	4.642E-05	2.165E-03	1.567E-04	6.285E-08	7.369E-05	1.280E+04
2.530E-01	5.583E-02	3.042E-08	4.666E-05	1.782E-03	1.495E-04	4.717E-08	6.380E-05	1.300E+04
2.457E-01	6.021E-02	4.353E-08	4.672E-05	1.470E-03	1.425E-04	3.554E-08	5.517E-05	1.320E+04
2.402E-01	6.469E-02	6.161E-08	4.659E-05	1.216E-03	1.356E-04	2.666E-08	4.767E-05	1.340E+04
2.333E-01	6.927E-02	8.533E-08	4.530E-05	1.008E-03	1.290E-04	2.037E-08	4.113E-05	1.360E+04
2.266E-01	7.390E-02	1.197E-07	4.583E-05	8.379E-04	1.225E-04	1.549E-08	3.545E-05	1.380E+04
2.196E-01	7.858E-02	1.644E-07	4.520E-05	5.974E-04	1.152E-04	1.180E-08	3.050E-05	1.400E+04
2.124E-01	8.323E-02	2.237E-07	4.442E-05	5.814E-04	1.100E-04	9.014E-09	2.621E-05	1.420E+04
2.051E-01	8.799E-02	3.019E-07	4.330E-05	4.853E-04	1.041E-04	6.895E-09	2.249E-05	1.440E+04
1.978E-01	9.277E-02	4.036E-07	4.246E-05	4.056E-04	9.826E-05	5.283E-09	1.926E-05	1.460E+04
1.904E-01	9.707E-02	5.354E-07	4.130E-05	3.394E-04	9.253E-05	4.052E-09	1.547E-05	1.480E+04
1.830E-01	1.019E-01	7.045E-07	4.004E-05	2.842E-04	8.716E-05	3.111E-09	1.406E-05	1.500E+04
1.757E-01	1.062E-01	9.201E-07	3.869E-05	2.381E-04	8.187E-05	2.387E-09	1.158E-05	1.520E+04
1.683E-01	1.107E-01	1.193E-06	3.728E-05	1.995E-04	7.670E-05	1.856E-09	1.019E-05	1.540E+04
1.611E-01	1.149E-01	1.535E-06	3.580E-05	1.675E-04	7.184E-05	1.411E-09	8.658E-06	1.560E+04
1.540E-01	1.190E-01	1.953E-06	3.429E-05	1.405E-04	6.710E-05	1.035E-09	7.341E-06	1.580E+04
1.469E-01	1.229E-01	2.493E-06	3.274E-05	1.179E-04	6.255E-05	8.334E-10	6.214E-06	1.600E+04
1.401E-01	1.265E-01	3.147E-06	3.118E-05	9.893E-05	5.819E-05	6.401E-10	5.252E-06	1.620E+04
1.333E-01	1.302E-01	3.949E-06	2.961E-05	8.301E-05	5.403E-05	4.913E-10	4.432E-06	1.640E+04
1.268E-01	1.335E-01	4.925E-06	2.805E-05	6.965E-05	5.307E-05	3.788E-10	3.743E-06	1.660E+04
1.204E-01	1.366E-01	6.109E-06	2.651E-05	5.843E-05	4.630E-05	2.888E-10	3.142E-06	1.680E+04
1.143E-01	1.395E-01	7.537E-06	2.499E-05	4.900E-05	4.272E-05	2.211E-10	2.640E-06	1.700E+04
1.084E-01	1.423E-01	9.252E-06	2.351E-05	4.108E-05	3.906E-05	1.691E-10	2.218E-06	1.720E+04
1.025E-01	1.448E-01	1.130E-05	2.205E-05	3.443E-05	3.519E-05	1.291E-10	1.858E-06	1.740E+04
9.713E-02	1.471E-01	1.374E-05	2.066E-05	2.884E-05	3.320E-05	9.849E-11	1.556E-06	1.760E+04
9.186E-02	1.492E-01	1.563E-05	1.931E-05	2.415E-05	3.043E-05	7.503E-11	1.302E-06	1.780E+04
8.681E-02	1.512E-01	2.005E-05	1.802E-05	2.021E-05	2.779E-05	5.708E-11	1.088E-06	1.800E+04
8.200E-02	1.529E-01	2.407E-05	1.678E-05	1.591E-05	2.535E-05	4.335E-11	9.093E-07	1.820E+04
7.741E-02	1.544E-01	2.879E-05	1.559E-05	1.414E-05	2.209E-05	3.239E-11	7.592E-07	1.840E+04
7.304E-02	1.554E-01	3.409E-05	1.447E-05	1.182E-05	2.100E-05	2.492E-11	6.335E-07	1.860E+04
6.889E-02	1.570E-01	4.073E-05	1.341E-05	9.874E-06	1.906E-05	1.885E-11	5.285E-07	1.880E+04
6.496E-02	1.581E-01	4.821E-05	1.241E-05	8.246E-06	1.728E-05	1.424E-11	4.408E-07	1.900E+04
6.124E-02	1.590E-01	5.668E-05	1.147E-05	5.884E-06	1.565E-05	1.074E-11	3.678E-07	1.920E+04
5.772E-02	1.598E-01	6.691E-05	1.058E-05	5.745E-06	1.414E-05	8.098E-12	3.065E-07	1.940E+04
5.440E-02	1.603E-01	7.849E-05	9.755E-06	4.794E-06	1.277E-05	6.096E-12	2.566E-07	1.960E+04
5.126E-02	1.610E-01	9.183E-05	8.982E-06	3.999E-06	1.152E-05	4.585E-12	2.132E-07	1.980E+04
4.831E-02	1.615E-01	1.072E-04	8.263E-06	3.336E-06	1.038E-05	3.446E-12	1.779E-07	2.000E+04
4.553E-02	1.619E-01	1.247E-04	7.595E-06	2.782E-06	9.341E-06	2.588E-12	1.485E-07	2.020E+04
4.292E-02	1.622E-01	1.449E-04	5.975E-06	2.321E-06	8.402E-06	1.942E-12	1.240E-07	2.040E+04
4.046E-02	1.625E-01	1.679E-04	5.402E-06	1.926E-06	7.551E-06	1.457E-12	1.036E-07	2.060E+04
3.815E-02	1.627E-01	1.942E-04	5.872E-06	1.616E-06	6.783E-06	1.093E-12	8.663E-08	2.080E+04
3.599E-02	1.628E-01	2.240E-04	5.284E-06	1.349E-06	6.089E-06	8.194E-13	7.250E-08	2.100E+04
3.396E-02	1.630E-01	2.579E-04	4.933E-06	1.126E-06	5.454E-06	6.145E-13	6.073E-08	2.120E+04
3.205E-02	1.630E-01	2.965E-04	4.519E-06	9.407E-07	4.902E-06	4.609E-13	5.091E-08	2.140E+04
3.026E-02	1.631E-01	3.401E-04	4.139E-06	7.853E-07	4.396E-06	3.439E-13	4.273E-08	2.160E+04
2.859E-02	1.631E-01	3.845E-04	3.790E-06	6.577E-07	3.942E-06	2.597E-13	3.590E-08	2.180E+04
2.702E-02	1.631E-01	4.452E-04	3.469E-06	5.505E-07	3.335E-06	1.931E-13	3.019E-08	2.200E+04
2.555E-02	1.630E-01	5.080E-04	3.176E-06	4.612E-07	3.170E-06	1.467E-13	2.542E-08	2.220E+04
2.417E-02	1.630E-01	5.787E-04	2.908E-06	3.866E-07	2.843E-06	1.104E-13	2.143E-08	2.240E+04
2.288E-02	1.629E-01	6.580E-04	2.662E-06	3.245E-07	2.550E-06	8.322E-14	1.809E-08	2.260E+04
2.167E-02	1.629E-01	7.471E-04	2.437E-06	2.726E-07	2.288E-06	6.278E-14	1.529E-08	2.280E+04
2.053E-02	1.627E-01	8.467E-04	2.232E-06	2.292E-07	2.053E-06	4.743E-14	1.294E-08	2.300E+04
1.947E-02	1.626E-01	9.581E-04	2.044E-06	1.930E-07	1.843E-06	3.589E-14	1.097E-08	2.320E+04
1.845E-02	1.625E-01	1.082E-03	1.873E-06	1.626E-07	1.656E-06	2.720E-14	9.304E-09	2.340E+04
1.752E-02	1.623E-01	1.221E-03	1.716E-06	1.372E-07	1.487E-06	2.064E-14	7.904E-09	2.360E+04
1.664E-02	1.621E-01	1.375E-03	1.573E-06	1.159E-07	1.337E-06	1.570E-14	6.723E-09	2.380E+04
1.581E-02	1.620E-01	1.546E-03	1.443E-06	9.808E-08	1.202E-06	1.190E-14	5.727E-09	2.400E+04
1.503E-02	1.617E-01	1.733E-03	1.223E-06	8.307E-08	1.082E-06	9.127E-15	4.884E-09	2.420E+04
1.429E-02	1.615E-01	1.944E-03	1.214E-06	7.045E-08	9.739E-07	6.979E-15	4.170E-09	2.440E+04
1.360E-02	1.613E-01	2.175E-03	1.115E-06	5.982E-08	8.773E-07	5.347E-15	3.555E-09	2.460E+04
1.295E-02	1.610E-01	2.430E-03	1.024E-06	5.086E-08	7.906E-07	4.103E-15	3.052E-09	2.480E+04
1.233E-02	1.607E-01	2.711E-03	9.403E-07	4.330E-08	7.129E-07	3.188E-15	2.615E-09	2.500E+04



Table II. - Continued.

P/P0 = 3.00E+01

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.388E-68	0.	0.	0.	5.155E-11	1.760E-18	0.
3.000E+02	0.	6.516E-47	5.735E-81	0.	0.	5.630E-11	1.760E-18	0.
4.000E+02	0.	4.491E-36	1.505E-63	0.	0.	5.146E-11	1.760E-18	0.
5.000E+02	0.	1.500E-29	4.383E-53	0.	0.	4.956E-11	1.760E-18	0.
6.000E+02	3.752E-95	3.507E-25	4.156E-46	0.	0.	5.055E-11	1.760E-18	3.857E-96
7.000E+02	1.509E-80	4.554E-22	4.196E-41	0.	6.542E-91	4.816E-11	1.760E-18	6.456E-83
8.000E+02	4.267E-69	1.728E-19	1.384E-37	0.	2.378E-78	1.402E-10	1.760E-18	4.870E-72
9.000E+02	2.816E-59	4.965E-17	2.704E-35	0.	3.127E-67	2.546E-09	1.760E-18	8.803E-62
1.000E+03	2.505E-51	5.078E-15	1.683E-33	0.	3.273E-58	3.128E-08	1.760E-18	2.062E-53
1.100E+03	8.27E-45	2.254E-13	4.954E-32	0.	7.939E-51	2.450E-07	1.760E-18	1.470E-46
1.200E+03	2.248E-39	5.330E-12	8.333E-31	0.	1.131E-44	1.359E-06	1.760E-18	7.531E-41
1.300E+03	9.086E-35	7.756E-11	9.115E-30	0.	1.820E-39	5.783E-06	1.760E-18	5.083E-36
1.400E+03	8.162E-31	7.707E-10	7.107E-25	0.	5.276E-35	1.997E-05	1.760E-18	6.979E-32
1.500E+03	2.192E-27	5.642E-09	4.226E-28	0.	3.881E-31	5.834E-05	1.760E-18	2.683E-28
1.600E+03	2.227E-24	3.222E-08	2.015E-27	0.	9.365E-28	1.488E-04	1.760E-18	3.661E-25
1.700E+03	1.006E-21	1.499E-07	8.019E-27	0.	9.019E-25	3.395E-04	1.761E-18	2.129E-22
1.800E+03	2.026E-19	5.882E-07	3.138E-26	0.	3.533E-22	7.056E-04	2.015E-18	5.317E-20
1.900E+03	5.729E-18	1.998E-06	4.347E-25	0.	1.798E-20	1.355E-03	9.311E-18	1.807E-18
2.000E+03	5.531E-17	6.003E-06	9.840E-24	0.	2.926E-19	2.433E-03	7.775E-17	2.039E-17
2.100E+03	3.996E-16	1.623E-05	1.786E-22	2.459E-90	3.366E-18	4.121E-03	5.729E-16	1.683E-16
2.200E+03	2.394E-15	4.005E-05	2.519E-21	4.395E-86	3.060E-17	6.634E-03	3.554E-15	1.128E-15
2.300E+03	1.227E-14	9.122E-05	2.834E-20	3.387E-82	2.279E-16	1.021E-02	1.884E-14	6.351E-15
2.400E+03	5.485E-14	1.936E-04	2.614E-19	1.247E-78	1.426E-15	1.508E-02	8.692E-14	3.067E-14
2.500E+03	2.175E-13	3.860E-04	2.022E-18	2.396E-75	7.657E-15	2.148E-02	3.543E-13	1.293E-13
2.600E+03	7.754E-13	7.277E-04	1.338E-17	2.587E-72	3.586E-14	2.959E-02	1.293E-12	4.826E-13
2.700E+03	2.514E-12	1.304E-03	7.706E-17	1.675E-69	1.486E-13	3.950E-02	4.273E-12	1.615E-12
2.800E+03	7.443E-12	2.233E-03	3.918E-16	6.861E-67	5.514E-13	5.121E-02	1.291E-11	4.891E-12
2.900E+03	2.063E-11	3.666E-03	1.781E-15	1.857E-64	1.852E-12	6.458E-02	3.595E-11	1.353E-11
3.000E+03	5.303E-11	5.794E-03	7.313E-15	3.505E-62	5.678E-12	7.933E-02	9.293E-11	3.441E-11
3.100E+03	1.280E-10	8.838E-03	2.740E-14	4.722E-60	1.602E-11	9.504E-02	2.244E-10	8.101E-11
3.200E+03	2.913E-10	1.305E-02	9.449E-14	4.705E-58	4.186E-11	1.112E-01	5.090E-10	1.775E-10
3.300E+03	6.289E-10	1.869E-02	3.020E-13	3.564E-56	1.019E-10	1.271E-01	1.090E-09	3.639E-10
3.400E+03	1.292E-09	2.603E-02	9.005E-13	2.103E-54	2.324E-10	1.421E-01	2.213E-09	7.006E-10
3.500E+03	2.537E-09	3.531E-02	2.521E-12	9.897E-53	4.985E-10	1.555E-01	4.278E-09	1.272E-09
3.600E+03	4.776E-09	4.674E-02	6.657E-12	3.780E-51	1.010E-09	1.668E-01	7.902E-09	2.185E-09
3.700E+03	8.644E-09	6.047E-02	1.667E-11	1.193E-49	1.943E-09	1.755E-01	1.400E-08	3.565E-09
3.800E+03	1.508E-08	7.658E-02	3.976E-11	3.162E-48	3.554E-09	1.812E-01	2.385E-08	5.539E-09
3.900E+03	2.542E-08	9.504E-02	9.062E-11	7.131E-47	6.206E-09	1.839E-01	3.918E-08	8.217E-09
4.000E+03	4.149E-08	1.157E-01	1.981E-10	1.386E-45	1.038E-08	1.834E-01	6.224E-08	1.167E-08
4.100E+03	6.572E-08	1.385E-01	4.167E-10	2.348E-44	1.665E-08	1.800E-01	9.579E-08	1.590E-08
4.200E+03	1.012E-07	1.629E-01	8.456E-10	3.502E-43	2.570E-08	1.738E-01	1.431E-07	2.084E-08
4.300E+03	1.517E-07	1.886E-01	1.659E-09	4.639E-42	3.825E-08	1.654E-01	2.080E-07	2.632E-08
4.400E+03	2.220E-07	2.151E-01	3.156E-09	5.503E-41	5.503E-08	1.551E-01	2.945E-07	3.210E-08
4.500E+03	3.173E-07	2.419E-01	5.828E-09	5.887E-40	7.668E-08	1.434E-01	4.066E-07	3.788E-08
4.600E+03	4.439E-07	2.684E-01	1.047E-08	5.714E-39	1.037E-07	1.309E-01	5.482E-07	4.335E-08
4.700E+03	6.091E-07	2.941E-01	1.830E-08	5.060E-38	1.365E-07	1.181E-01	7.27E-07	4.823E-08
4.800E+03	8.209E-07	3.186E-01	3.121E-08	4.106E-37	1.751E-07	1.053E-01	9.324E-07	5.230E-08
4.900E+03	1.089E-06	3.415E-01	5.193E-08	3.065E-36	2.198E-07	9.290E-02	1.178E-06	5.543E-08
5.000E+03	1.425E-06	3.624E-01	8.437E-08	2.112E-35	2.705E-07	8.126E-02	1.460E-06	5.761E-08
5.100E+03	1.842E-06	3.814E-01	1.340E-07	1.347E-34	3.273E-07	7.055E-02	1.774E-06	5.890E-08
5.200E+03	2.359E-06	3.982E-01	2.079E-07	7.964E-34	3.906E-07	6.088E-02	2.118E-06	5.943E-08
5.300E+03	2.997E-06	4.130E-01	3.155E-07	4.376E-33	4.608E-07	5.228E-02	2.483E-06	5.937E-08
5.400E+03	3.784E-06	4.258E-01	4.685E-07	2.239E-32	5.390E-07	4.475E-02	2.862E-06	5.890E-08
5.500E+03	4.757E-06	4.368E-01	6.809E-07	1.068E-31	6.264E-07	3.822E-02	3.246E-06	5.818E-08
5.600E+03	5.960E-06	4.463E-01	9.693E-07	4.767E-31	7.245E-07	3.280E-02	3.625E-06	5.736E-08
5.700E+03	7.449E-06	4.543E-01	1.353E-06	1.993E-30	8.354E-07	2.781E-02	3.990E-06	5.653E-08
5.800E+03	9.294E-06	4.611E-01	1.852E-06	7.834E-30	9.611E-07	2.375E-02	4.335E-06	5.577E-08
5.900E+03	1.158E-05	4.668E-01	2.491E-06	2.902E-29	1.104E-06	2.030E-02	4.652E-06	5.512E-08
6.000E+03	1.471E-05	4.717E-01	3.294E-06	1.017E-28	1.267E-06	1.739E-02	4.938E-06	5.462E-08
6.100E+03	1.770E-05	4.758E-01	4.289E-06	3.381E-28	1.453E-06	1.493E-02	5.190E-06	5.428E-08
6.200E+03	2.211E-05	4.793E-01	5.504E-06	1.070E-27	1.665E-06	1.286E-02	5.408E-06	5.410E-08
6.300E+03	2.751E-05	4.823E-01	6.970E-06	3.230E-27	1.907E-06	1.110E-02	5.592E-06	5.408E-08
6.400E+03	3.431E-05	4.849E-01	8.718E-06	9.332E-27	2.183E-06	9.619E-03	5.743E-06	5.423E-08
6.500E+03	4.198E-05	4.872E-01	1.078E-05	2.587E-26	2.497E-06	8.361E-03	5.861E-06	5.455E-08
6.600E+03	5.173E-05	4.892E-01	1.318E-05	6.895E-26	2.855E-06	7.204E-03	5.950E-06	5.505E-08
6.700E+03	6.363E-05	4.911E-01	1.596E-05	1.770E-25	3.263E-06	6.385E-03	6.010E-06	5.573E-08
6.800E+03	7.874E-05	4.921E-01	1.914E-05	4.385E-25	3.729E-06	5.610E-03	6.044E-06	5.661E-08
6.900E+03	9.581E-05	4.947E-01	2.274E-05	1.050E-24	4.262E-06	4.948E-03	6.053E-06	5.771E-08
7.000E+03	1.173E-04	4.964E-01	2.679E-05	2.434E-24	4.871E-06	4.381E-03	6.041E-06	5.903E-08
7.100E+03	1.434E-04	4.983E-01	3.131E-05	5.471E-24	5.568E-06	3.894E-03	6.010E-06	6.061E-08
7.200E+03	1.750E-04	5.000E-01	3.633E-05	1.195E-23	6.365E-06	3.475E-03	5.964E-06	6.244E-08
7.300E+03	2.127E-04	5.026E-01	4.186E-05	2.539E-23	7.276E-06	3.114E-03	5.907E-06	6.456E-08
7.400E+03	2.565E-04	5.051E-01	4.796E-05	5.259E-23	8.316E-06	2.802E-03	5.842E-06	6.697E-08
7.500E+03	3.144E-04	5.080E-01	5.465E-05	1.064E-22	9.502E-06	2.533E-03	5.775E-06	6.968E-08
7.600E+03	3.833E-04	5.113E-01	6.199E-05	2.107E-22	1.085E-05	2.300E-03	5.709E-06	7.269E-08
7.700E+03	4.636E-04	5.150E-01	7.007E-05	4.092E-22	1.237E-05	2.097E-03	5.649E-06	7.600E-08
7.800E+03	5.570E-04	5.191E-01	7.898E-05	7.808E-22	1.409E-05	1.921E-03	5.599E-06	7.960E-08
7.900E+03	6.639E-04	5.238E-01	8.882E-05	1.466E-21	1.601E-05	1.767E-03	5.560E-06	8.346E-08
8.000E+03	7.956E-04	5.289E-01	9.975E-05	2.716E-21	1.814E-05	1.632E-03	5.537E-06	8.757E-08
1.200E+03	1.199E-03	5.405E-01	1.255E-04	8.988E-21	2.309E-05	1.408E-03	5.541E-06	9.632E-08

Table II. - Continued.

P/PO = 3.00E+01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.132E-55	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	4.260E-41	2.412E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	9.491E-29	1.031E-60	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	2.454E-21	2.460E-48	1.000E+00	0.	5.000E+02
1.273E-80	1.275E-81	0.	0.	2.117E-16	4.132E-40	1.000E+00	0.	6.000E+02
9.214E-67	1.079E-48	0.	0.	7.292E-13	3.405E-34	1.000E+00	0.	7.000E+02
7.648E-57	5.949E-60	0.	0.	1.881E-10	1.774E-30	1.000E+00	5.420E-79	8.000E+02
5.038E-50	6.013E-55	0.	0.	4.998E-09	6.179E-29	1.000E+00	1.155E-69	9.000E+02
1.193E-44	4.173E-51	0.	6.223E-89	6.247E-08	7.946E-28	1.000E+00	2.274E-52	1.000E+03
2.965E-40	5.765E-48	0.	1.061E-78	4.899E-07	6.347E-27	1.000E+00	2.115E-56	1.100E+03
1.368E-36	2.394E-45	0.	3.569E-70	2.719E-06	3.585E-26	1.000E+00	1.977E-51	1.200E+03
1.727E-33	3.951E-43	0.	5.851E-63	1.157E-05	1.552E-25	1.000E+00	3.180E-47	1.300E+03
7.875E-31	3.158E-41	0.	8.934E-57	3.993E-05	5.450E-25	9.997E-01	1.283E-43	1.400E+03
1.590E-28	1.412E-39	2.553E-95	2.042E-51	1.167E-04	1.620E-24	9.998E-01	1.711E-40	1.500E+03
1.655E-26	3.923E-38	1.092E-91	9.976E-47	2.977E-04	4.202E-24	9.996E-01	9.284E-38	1.600E+03
9.986E-25	7.453E-37	1.749E-88	1.366E-42	6.792E-04	9.754E-24	9.990E-01	2.402E-35	1.700E+03
3.823E-23	1.167E-35	1.622E-85	5.668E-39	1.412E-03	2.359E-23	9.979E-01	3.352E-33	1.800E+03
9.977E-22	5.513E-34	1.133E-81	2.386E-36	2.712E-03	2.131E-22	9.959E-01	2.781E-31	1.900E+03
1.880E-20	3.868E-32	1.715E-77	2.600E-34	4.872E-03	3.253E-21	9.977E-01	1.462E-29	2.000E+03
2.577E-19	1.932E-30	1.126E-73	1.673E-32	8.259E-03	4.141E-20	9.875E-01	5.405E-26	2.100E+03
2.995E-18	6.846E-29	3.413E-70	7.278E-31	1.331E-02	4.217E-19	9.800E-01	1.420E-26	2.200E+03
2.715E-17	1.780E-27	5.206E-57	2.266E-29	2.051E-02	3.332E-18	9.692E-01	2.803E-25	2.300E+03
2.046E-16	3.561E-26	4.347E-64	5.270E-28	3.036E-02	2.475E-17	9.544E-01	4.305E-24	2.400E+03
1.310E-15	5.613E-25	2.135E-61	9.472E-27	4.336E-02	1.484E-16	9.348E-01	5.298E-23	2.500E+03
7.261E-15	7.194E-24	6.553E-59	1.355E-25	5.991E-02	7.740E-16	9.098E-01	5.356E-22	2.600E+03
3.538E-14	7.633E-23	1.326E-56	1.582E-24	8.030E-02	3.566E-15	8.789E-01	4.542E-21	2.700E+03
1.536E-13	6.857E-22	1.849E-54	1.538E-23	1.046E-01	1.467E-14	8.419E-01	3.290E-20	2.800E+03
6.011E-13	5.305E-21	1.845E-52	1.269E-22	1.328E-01	5.471E-14	7.989E-01	2.067E-19	2.900E+03
2.141E-12	3.588E-20	1.365E-50	9.026E-22	1.645E-01	1.859E-13	7.504E-01	1.142E-18	3.000E+03
7.006E-12	2.149E-19	7.701E-49	5.608E-21	1.989E-01	5.312E-13	6.972E-01	5.611E-18	3.100E+03
2.122E-11	1.154E-18	3.404E-47	3.081E-20	2.354E-01	1.685E-12	6.404E-01	2.480E-17	3.200E+03
5.990E-11	5.608E-18	1.206E-45	1.513E-19	2.728E-01	4.536E-12	5.814E-01	9.948E-17	3.300E+03
1.586E-10	2.491E-17	3.495E-44	6.701E-19	3.102E-01	1.157E-11	5.218E-01	3.655E-16	3.400E+03
3.961E-10	1.020E-16	8.438E-43	2.701E-18	3.463E-01	2.775E-11	4.629E-01	1.239E-15	3.500E+03
9.379E-10	3.878E-15	1.727E-41	9.984E-18	3.804E-01	6.317E-11	4.061E-01	3.937E-15	3.600E+03
2.116E-09	1.379E-15	3.037E-40	3.408E-17	4.115E-01	1.371E-10	3.526E-01	1.153E-14	3.700E+03
4.569E-09	4.513E-15	4.635E-39	1.081E-16	4.291E-01	2.851E-10	3.031E-01	3.207E-14	3.800E+03
9.479E-09	1.461E-14	6.298E-38	3.207E-16	4.628E-01	5.700E-10	2.583E-01	8.453E-14	3.900E+03
1.897E-08	4.400E-14	7.592E-37	8.945E-15	4.826E-01	1.100E-09	2.183E-01	2.124E-13	4.000E+03
3.673E-08	1.267E-13	8.232E-36	2.357E-15	4.984E-01	2.058E-09	1.832E-01	5.112E-13	4.100E+03
6.907E-08	3.505E-13	9.126E-35	5.895E-15	5.106E-01	3.741E-09	1.527E-01	1.185E-12	4.200E+03
1.265E-07	9.344E-13	7.313E-34	1.406E-14	5.194E-01	6.627E-09	1.266E-01	2.655E-12	4.300E+03
2.262E-07	2.409E-12	6.110E-33	3.210E-14	5.253E-01	1.147E-08	1.045E-01	5.776E-12	4.400E+03
3.960E-07	6.026E-12	4.720E-32	7.044E-14	5.288E-01	1.944E-08	3.589E-02	1.225E-11	4.500E+03
6.800E-07	1.466E-11	3.401E-31	1.491E-13	5.303E-01	3.231E-08	7.038E-02	2.539E-11	4.600E+03
1.148E-06	3.477E-11	2.295E-30	3.053E-13	5.303E-01	5.276E-08	5.755E-02	5.159E-11	4.700E+03
1.906E-06	8.046E-11	1.453E-29	6.069E-13	5.291E-01	8.473E-08	4.700E-02	1.030E-10	4.800E+03
3.122E-06	1.815E-10	8.691E-29	1.175E-12	5.273E-01	1.339E-07	3.836E-02	2.024E-10	4.900E+03
5.043E-06	4.019E-10	4.898E-28	2.220E-12	5.250E-01	2.084E-07	3.132E-02	3.918E-10	5.000E+03
8.044E-06	8.579E-10	2.507E-27	4.108E-12	5.225E-01	3.193E-07	2.560E-02	7.481E-10	5.100E+03
1.267E-05	1.832E-09	1.310E-26	7.461E-12	5.199E-01	4.816E-07	2.096E-02	1.409E-09	5.200E+03
1.974E-05	3.776E-09	6.224E-26	1.332E-11	5.175E-01	7.149E-07	1.721E-02	2.620E-09	5.300E+03
3.039E-05	7.599E-09	2.793E-25	2.345E-11	5.152E-01	1.044E-06	1.417E-02	4.807E-09	5.400E+03
4.626E-05	1.493E-08	1.165E-24	4.073E-11	5.122E-01	1.300E-06	1.171E-02	8.700E-09	5.500E+03
6.964E-05	2.862E-08	4.750E-24	6.991E-11	5.113E-01	2.119E-06	9.708E-03	1.553E-08	5.600E+03
1.037E-04	5.354E-08	1.803E-23	1.187E-10	5.097E-01	2.945E-06	8.085E-03	2.735E-08	5.700E+03
1.527E-04	9.780E-08	6.486E-23	1.994E-10	5.082E-01	4.027E-06	6.762E-03	4.749E-08	5.800E+03
2.225E-04	1.745E-07	2.216E-22	5.318E-10	5.070E-01	5.423E-06	5.680E-03	8.132E-08	5.900E+03
3.208E-04	3.044E-07	7.205E-22	5.466E-10	5.058E-01	7.194E-06	4.792E-03	1.373E-07	6.000E+03
4.578E-04	5.196E-07	2.234E-21	8.917E-10	5.047E-01	9.411E-06	4.061E-03	2.285E-07	6.100E+03
6.466E-04	8.687E-07	6.625E-21	1.441E-09	5.037E-01	1.215E-05	3.456E-03	3.752E-07	6.200E+03
9.043E-04	1.423E-06	1.882E-20	2.305E-09	5.027E-01	1.548E-05	2.954E-03	6.075E-07	6.300E+03
1.252E-03	2.288E-06	5.133E-20	3.653E-09	5.016E-01	1.950E-05	2.531E-03	9.71E-07	6.400E+03
1.718E-03	3.611E-06	1.347E-19	5.734E-09	5.005E-01	2.429E-05	2.185E-03	1.528E-06	6.500E+03
2.335E-03	5.599E-06	3.404E-19	8.915E-09	4.991E-01	2.992E-05	1.890E-03	2.375E-06	6.600E+03
3.143E-03	8.532E-06	8.301E-19	1.373E-08	4.976E-01	3.646E-05	1.640E-03	3.641E-06	6.700E+03
4.193E-03	1.278E-05	1.955E-18	2.095E-08	4.957E-01	4.398E-05	1.428E-03	5.507E-06	6.800E+03
5.542E-03	1.884E-05	4.456E-18	3.167E-08	4.934E-01	5.253E-05	1.248E-03	8.214E-06	6.900E+03
7.259E-03	2.733E-05	9.829E-18	4.743E-08	4.905E-01	6.211E-05	1.093E-03	1.208E-05	7.000E+03
9.420E-03	3.902E-05	2.101E-17	7.037E-08	4.871E-01	7.274E-05	9.599E-04	1.752E-05	7.100E+03
1.211E-02	5.485E-05	4.359E-17	1.034E-07	4.828E-01	8.437E-05	8.447E-04	2.504E-05	7.200E+03
1.542E-02	7.594E-05	8.784E-17	1.504E-07	4.776E-01	9.695E-05	7.447E-04	3.525E-05	7.300E+03
1.945E-02	1.036E-04	1.721E-16	2.165E-07	4.714E-01	1.104E-04	6.575E-04	4.884E-05	7.400E+03
2.428E-02	1.392E-04	3.284E-16	3.083E-07	4.639E-01	1.246E-04	5.810E-04	6.657E-05	7.500E+03
3.001E-02	1.847E-04	6.108E-16	4.337E-07	4.531E-01	1.394E-04	5.136E-04	8.919E-05	7.600E+03
3.670E-02	2.4 -04	1.109E-15	6.025E-07	4.447E-01	1.547E-04	4.541E-04	1.174E-04	7.700E+03
4.440E-02	3.11 -04	1.970E-15	8.259E-07	4.329E-01	1.703E-04	4.012E-04	1.517E-04	7.800E+03
5.313E-02	3.962E-04	3.425E-15	1.117E-06	4.194E-01	1.860E-04	3.542E-04	1.924E-04	7.900E+03
6.287E-02	4.984E-04	5.838E-15	1.488E-06	4.044E-01	2.017E-04	3.122E-04	2.394E-04	8.000E+03
8.514E-02	7.613E-04	1.637E-14	2.524E-06	3.701E-01	2.322E-04	2.409E-04	3.493E-04	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.505E-03	5.536E-01	1.577E-04	2.856E-20	2.894E-05	1.232E-03	5.617E-06	1.054E-07
8.600E+03	2.015E-03	5.673E-01	1.983E-04	8.768E-20	3.565E-05	1.088E-03	5.764E-06	1.143E-07
8.800E+03	2.642E-03	5.811E-01	2.493E-04	2.610E-19	4.308E-05	9.669E-04	5.971E-06	1.224E-07
9.000E+03	3.392E-03	5.941E-01	3.131E-04	7.543E-19	5.107E-05	8.626E-04	6.230E-06	1.291E-07
9.200E+03	4.273E-03	6.058E-01	3.925E-04	2.117E-18	5.944E-05	7.707E-04	6.527E-06	1.362E-07
9.400E+03	5.293E-03	6.158E-01	4.904E-04	5.769E-18	6.801E-05	6.887E-04	6.853E-06	1.375E-07
9.600E+03	6.458E-03	6.241E-01	6.100E-04	1.526E-17	7.663E-05	6.153E-04	7.200E-06	1.390E-07
9.800E+03	7.777E-03	6.307E-01	7.552E-04	3.918E-17	8.519E-05	5.496E-04	7.561E-06	1.389E-07
1.000E+04	9.259E-03	6.357E-01	9.297E-04	9.762E-17	9.361E-05	4.910E-04	7.933E-06	1.375E-07
1.020E+04	1.091E-02	6.393E-01	1.138E-03	2.362E-16	1.019E-04	4.388E-04	8.311E-06	1.351E-07
1.040E+04	1.275E-02	6.417E-01	1.385E-03	5.552E-16	1.099E-04	3.925E-04	8.694E-06	1.319E-07
1.060E+04	1.478E-02	6.431E-01	1.676E-03	1.269E-15	1.177E-04	3.515E-04	9.082E-06	1.281E-07
1.080E+04	1.702E-02	6.437E-01	2.016E-03	2.822E-15	1.253E-04	3.153E-04	9.472E-06	1.240E-07
1.100E+04	1.947E-02	6.435E-01	2.411E-03	6.114E-15	1.327E-04	2.833E-04	9.865E-06	1.196E-07
1.120E+04	2.215E-02	6.428E-01	2.869E-03	1.292E-14	1.398E-04	2.549E-04	1.026E-05	1.150E-07
1.140E+04	2.507E-02	6.415E-01	3.396E-03	2.664E-14	1.467E-04	2.299E-04	1.065E-05	1.104E-07
1.160E+04	2.823E-02	6.397E-01	3.999E-03	5.370E-14	1.533E-04	2.076E-04	1.105E-05	1.058E-07
1.180E+04	3.165E-02	6.374E-01	4.686E-03	1.059E-13	1.596E-04	1.879E-04	1.144E-05	1.012E-07
1.200E+04	3.533E-02	6.348E-01	5.465E-03	2.044E-13	1.657E-04	1.703E-04	1.184E-05	9.669E-08
1.220E+04	3.927E-02	6.317E-01	6.346E-03	3.867E-13	1.714E-04	1.545E-04	1.223E-05	9.222E-08
1.240E+04	4.349E-02	6.283E-01	7.337E-03	7.177E-13	1.767E-04	1.405E-04	1.261E-05	8.784E-08
1.260E+04	4.799E-02	6.245E-01	8.447E-03	1.308E-12	1.817E-04	1.279E-04	1.299E-05	8.355E-08
1.280E+04	5.277E-02	6.203E-01	9.687E-03	2.342E-12	1.863E-04	1.165E-04	1.337E-05	7.936E-08
1.300E+04	5.782E-02	6.158E-01	1.107E-02	4.125E-12	1.905E-04	1.063E-04	1.374E-05	7.527E-08
1.320E+04	6.316E-02	6.108E-01	1.260E-02	7.151E-12	1.942E-04	9.703E-05	1.409E-05	7.129E-08
1.340E+04	6.878E-02	6.055E-01	1.428E-02	1.221E-11	1.975E-04	8.865E-05	1.444E-05	6.742E-08
1.360E+04	7.467E-02	5.999E-01	1.614E-02	2.053E-11	2.004E-04	8.105E-05	1.477E-05	6.366E-08
1.380E+04	8.083E-02	5.938E-01	1.818E-02	3.406E-11	2.027E-04	7.413E-05	1.509E-05	6.001E-08
1.400E+04	8.727E-02	5.874E-01	2.042E-02	5.574E-11	2.046E-04	6.782E-05	1.539E-05	5.647E-08
1.420E+04	9.396E-02	5.805E-01	2.285E-02	9.004E-11	2.061E-04	6.206E-05	1.567E-05	5.305E-08
1.440E+04	1.009E-01	5.733E-01	2.549E-02	1.437E-10	2.070E-04	5.679E-05	1.593E-05	4.975E-08
1.460E+04	1.081E-01	5.657E-01	2.836E-02	2.265E-10	2.074E-04	5.197E-05	1.616E-05	4.656E-08
1.480E+04	1.155E-01	5.577E-01	3.145E-02	3.530E-10	2.073E-04	4.754E-05	1.677E-05	4.349E-08
1.500E+04	1.231E-01	5.493E-01	3.477E-02	5.441E-10	2.067E-04	4.348E-05	1.655E-05	4.054E-08
1.520E+04	1.310E-01	5.406E-01	3.834E-02	8.297E-10	2.057E-04	3.974E-05	1.670E-05	3.771E-08
1.540E+04	1.390E-01	5.314E-01	4.216E-02	1.252E-09	2.041E-04	3.630E-05	1.682E-05	3.500E-08
1.560E+04	1.472E-01	5.219E-01	4.623E-02	1.871E-09	2.021E-04	3.313E-05	1.690E-05	3.242E-08
1.580E+04	1.556E-01	5.120E-01	5.055E-02	2.768E-09	1.997E-04	3.022E-05	1.695E-05	2.995E-08
1.600E+04	1.642E-01	5.017E-01	5.513E-02	4.057E-09	1.968E-04	2.753E-05	1.696E-05	2.760E-08
1.620E+04	1.729E-01	4.911E-01	5.996E-02	5.892E-09	1.935E-04	2.505E-05	1.693E-05	2.538E-08
1.640E+04	1.817E-01	4.802E-01	6.504E-02	8.483E-09	1.898E-04	2.277E-05	1.686E-05	2.327E-08
1.660E+04	1.906E-01	4.690E-01	7.036E-02	1.211E-08	1.857E-04	2.067E-05	1.675E-05	2.128E-08
1.680E+04	1.995E-01	4.574E-01	7.593E-02	1.714E-08	1.813E-04	1.873E-05	1.660E-05	1.941E-08
1.700E+04	2.086E-01	4.456E-01	8.172E-02	2.406E-08	1.766E-04	1.695E-05	1.640E-05	1.765E-08
1.720E+04	2.177E-01	4.336E-01	8.772E-02	3.352E-08	1.716E-04	1.531E-05	1.617E-05	1.601E-08
1.740E+04	2.268E-01	4.213E-01	9.393E-02	4.633E-08	1.664E-04	1.381E-05	1.590E-05	1.448E-08
1.760E+04	2.360E-01	4.088E-01	1.003E-01	6.357E-08	1.610E-04	1.243E-05	1.559E-05	1.306E-08
1.780E+04	2.451E-01	3.962E-01	1.069E-01	8.660E-08	1.553E-04	1.117E-05	1.524E-05	1.174E-08
1.800E+04	2.542E-01	3.834E-01	1.136E-01	1.171E-07	1.495E-04	1.002E-05	1.486E-05	1.052E-08
1.820E+04	2.633E-01	3.705E-01	1.204E-01	1.573E-07	1.436E-04	8.964E-06	1.445E-05	9.404E-09
1.840E+04	2.723E-01	3.576E-01	1.274E-01	2.100E-07	1.376E-04	8.006E-06	1.401E-05	8.378E-09
1.860E+04	2.812E-01	3.447E-01	1.344E-01	2.784E-07	1.316E-04	7.135E-06	1.355E-05	7.440E-09
1.880E+04	2.900E-01	3.317E-01	1.415E-01	3.667E-07	1.255E-04	6.345E-06	1.306E-05	6.587E-09
1.900E+04	2.987E-01	3.188E-01	1.486E-01	4.802E-07	1.194E-04	5.631E-06	1.256E-05	5.814E-09
1.920E+04	3.072E-01	3.060E-01	1.557E-01	6.250E-07	1.134E-04	4.986E-06	1.204E-05	5.116E-09
1.940E+04	3.156E-01	2.934E-01	1.628E-01	8.087E-07	1.074E-04	4.406E-06	1.152E-05	4.489E-09
1.960E+04	3.238E-01	2.808E-01	1.698E-01	1.041E-06	1.016E-04	3.885E-06	1.098E-05	3.926E-09
1.980E+04	3.318E-01	2.685E-01	1.768E-01	1.332E-06	9.583E-05	3.419E-06	1.044E-05	3.424E-09
2.000E+04	3.396E-01	2.564E-01	1.837E-01	1.696E-06	9.022E-05	3.002E-06	9.907E-06	2.978E-09
2.020E+04	3.473E-01	2.445E-01	1.905E-01	2.147E-06	8.478E-05	2.632E-06	9.374E-06	2.583E-09
2.040E+04	3.547E-01	2.330E-01	1.972E-01	2.706E-06	7.951E-05	2.302E-06	8.849E-06	2.234E-09
2.060E+04	3.618E-01	2.217E-01	2.037E-01	3.394E-06	7.442E-05	2.010E-06	8.333E-06	1.928E-09
2.080E+04	3.687E-01	2.107E-01	2.100E-01	4.237E-06	6.954E-05	1.752E-06	7.830E-06	1.659E-09
2.100E+04	3.754E-01	2.001E-01	2.162E-01	5.264E-06	6.487E-05	1.525E-06	7.341E-06	1.425E-09
2.120E+04	3.818E-01	1.898E-01	2.222E-01	6.512E-06	6.042E-05	1.325E-06	6.868E-06	1.221E-09
2.140E+04	3.880E-01	1.800E-01	2.280E-01	8.022E-06	5.618E-05	1.150E-06	6.414E-06	1.044E-09
2.160E+04	3.939E-01	1.704E-01	2.335E-01	9.841E-06	5.217E-05	9.965E-07	5.979E-06	8.907E-10
2.180E+04	3.996E-01	1.613E-01	2.389E-01	1.202E-05	4.838E-05	8.625E-07	5.564E-06	7.588E-10
2.200E+04	4.050E-01	1.526E-01	2.440E-01	1.463E-05	4.481E-05	7.458E-07	5.169E-06	6.454E-10
2.220E+04	4.102E-01	1.442E-01	2.490E-01	1.774E-05	4.146E-05	6.442E-07	4.795E-06	5.482E-10
2.240E+04	4.151E-01	1.362E-01	2.537E-01	2.143E-05	3.832E-05	5.560E-07	4.443E-06	4.650E-10
2.260E+04	4.198E-01	1.286E-01	2.581E-01	2.579E-05	3.538E-05	4.796E-07	4.111E-06	3.940E-10
2.280E+04	4.242E-01	1.214E-01	2.624E-01	3.094E-05	3.264E-05	4.134E-07	3.800E-06	3.335E-10
2.300E+04	4.284E-01	1.145E-01	2.664E-01	3.699E-05	3.009E-05	3.562E-07	3.508E-06	2.820E-10
2.320E+04	4.324E-01	1.081E-01	2.702E-01	4.407E-05	2.772E-05	3.068E-07	3.236E-06	2.384E-10
2.340E+04	4.362E-01	1.019E-01	2.739E-01	5.235E-05	2.552E-05	2.642E-07	2.983E-06	2.014E-10
2.360E+04	4.398E-01	9.609E-02	2.773E-01	6.200E-05	2.349E-05	2.275E-07	2.744E-06	1.700E-10
2.380E+04	4.432E-01	9.059E-02	2.805E-01	7.320E-05	2.161E-05	1.958E-07	2.530E-06	1.435E-10
2.400E+04	4.465E-01	8.541E-02	2.835E-01	8.618E-05	1.987E-05	1.686E-07	2.328E-06	1.212E-10
2.420E+04	4.495E-01	8.053E-02	2.863E-01	1.012E-04	1.827E-05	1.452E-07	2.141E-06	1.023E-10
2.440E+04	4.524E-01	7.593E-02	2.890E-01	1.184E-04	1.679E-05	1.251E-07	1.969E-06	8.634E-11
2.460E+04	4.551E-01	7.160E-02	2.915E-01	1.383E-04	1.544E-05	1.078E-07	1.810E-06	7.290E-11
2.480E+04	4.577E-01	6.753E-02	2.938E-01	1.611E-04	1.419E-05	9.297E-08	1.664E-06	6.157E-11
2.50E+04	4.602E-01	6.370E-02	2.960E-01	1.871E-04	1.306E-05	8.020E-08	1.529E-06	5.203E-11

Table II. - Continued.

C	C*	C**	C-	CO	CO*	CO2	C2	T
1.104E-01	1.114E-03	4.145E-14	4.026E-06	3.311E-01	2.604E-04	1.839E-04	4.716E-04	8.400E+03
1.372E-01	1.568E-03	1.011E-13	6.046E-05	2.895E-01	2.851E-04	1.384E-04	5.921E-04	8.500E+03
1.642E-01	2.133E-03	2.347E-13	8.578E-06	2.476E-01	3.053E-04	1.026E-04	6.944E-04	8.800E+03
1.898E-01	2.815E-03	5.213E-13	1.156E-05	2.075E-01	3.004E-04	7.492E-05	7.573E-04	9.000E+03
2.130E-01	3.618E-03	1.113E-12	1.487E-05	1.709E-01	3.304E-04	5.399E-05	8.047E-04	9.200E+03
2.332E-01	4.547E-03	2.292E-12	1.839E-05	1.387E-01	3.356E-04	3.848E-05	8.088E-04	9.400E+03
2.500E-01	5.603E-03	4.569E-12	2.201E-05	1.114E-01	3.365E-04	2.720E-05	7.852E-04	9.600E+03
2.635E-01	6.791E-03	8.835E-12	2.562E-05	8.875E-02	3.340E-04	1.913E-05	7.418E-04	9.800E+03
2.740E-01	8.115E-03	1.602E-11	2.914E-05	7.037E-02	3.288E-04	1.342E-05	6.862E-04	1.000E+04
2.818E-01	9.579E-03	3.046E-11	3.255E-05	5.570E-02	3.216E-04	9.424E-06	6.247E-04	1.020E+04
2.875E-01	1.119E-02	5.450E-11	3.580E-05	4.407E-02	3.132E-04	6.632E-06	5.622E-04	1.040E+04
2.912E-01	1.295E-02	9.536E-11	3.888E-05	3.492E-02	3.038E-04	4.686E-06	5.016E-04	1.060E+04
2.934E-01	1.487E-02	1.634E-10	4.178E-05	2.775E-02	2.940E-04	3.328E-06	4.449E-04	1.080E+04
2.944E-01	1.694E-02	2.744E-10	4.451E-05	2.211E-02	2.839E-04	2.377E-06	3.929E-04	1.100E+04
2.943E-01	1.919E-02	4.525E-10	4.705E-05	1.769E-02	2.738E-04	1.709E-06	3.460E-04	1.120E+04
2.933E-01	2.159E-02	7.330E-10	4.941E-05	1.421E-02	2.638E-04	1.236E-06	3.040E-04	1.140E+04
2.915E-01	2.417E-02	1.168E-09	5.158E-05	1.146E-02	2.539E-04	9.000E-07	2.558E-04	1.160E+04
2.891E-01	2.692E-02	1.832E-09	5.356E-05	9.285E-03	2.442E-04	6.594E-07	2.339E-04	1.180E+04
2.862E-01	2.984E-02	2.331E-09	5.534E-05	7.552E-03	2.348E-04	4.861E-07	2.049E-04	1.200E+04
2.828E-01	3.292E-02	4.312E-09	5.692E-05	6.168E-03	2.255E-04	3.605E-07	1.735E-04	1.220E+04
2.789E-01	3.616E-02	6.481E-09	5.828E-05	5.056E-03	2.155E-04	2.688E-07	1.571E-04	1.240E+04
2.746E-01	3.956E-02	9.815E-09	5.944E-05	4.160E-03	2.078E-04	2.015E-07	1.374E-04	1.260E+04
2.700E-01	4.311E-02	1.409E-08	6.038E-05	3.435E-03	1.993E-04	1.58E-07	1.202E-04	1.280E+04
2.650E-01	4.680E-02	2.046E-08	6.110E-05	2.845E-03	1.910E-04	1.148E-07	1.050E-04	1.300E+04
2.598E-01	5.062E-02	2.923E-08	6.160E-05	2.364E-03	1.829E-04	8.726E-07	9.176E-05	1.320E+04
2.543E-01	5.456E-02	4.141E-08	6.188E-05	1.970E-03	1.750E-04	6.657E-08	8.009E-05	1.340E+04
2.485E-01	5.861E-02	5.806E-08	6.195E-05	1.645E-03	1.673E-04	5.096E-08	6.985E-05	1.360E+04
2.425E-01	6.274E-02	8.062E-08	6.180E-05	1.378E-03	1.598E-04	3.913E-08	6.087E-05	1.380E+04
2.363E-01	6.695E-02	1.109E-07	6.144E-05	1.156E-03	1.525E-04	3.014E-08	5.299E-05	1.400E+04
2.299E-01	7.121E-02	1.511E-07	6.089E-05	9.719E-04	1.453E-04	2.327E-08	4.608E-05	1.420E+04
2.234E-01	7.552E-02	2.041E-07	6.014E-05	8.185E-04	1.383E-04	1.801E-08	4.002E-05	1.440E+04
2.168E-01	7.984E-02	2.733E-07	5.921E-05	6.904E-04	1.315E-04	1.396E-08	3.472E-05	1.460E+04
2.101E-01	8.417E-02	3.631E-07	5.812E-05	5.832E-04	1.248E-04	1.085E-08	3.008E-05	1.480E+04
2.033E-01	8.849E-02	4.787E-07	5.687E-05	4.932E-04	1.183E-04	8.436E-09	2.602E-05	1.500E+04
1.965E-01	9.277E-02	6.262E-07	5.548E-05	4.176E-04	1.120E-04	6.570E-09	2.249E-05	1.520E+04
1.896E-01	9.699E-02	8.133E-07	5.397E-05	3.539E-04	1.059E-04	5.121E-09	1.940E-05	1.540E+04
1.828E-01	1.011E-01	1.049E-06	5.235E-05	3.001E-04	9.990E-05	3.995E-09	1.671E-05	1.560E+04
1.759E-01	1.052E-01	1.344E-06	5.063E-05	2.546E-04	9.412E-05	3.118E-09	1.438E-05	1.580E+04
1.692E-01	1.092E-01	1.710E-06	4.884E-05	2.162E-04	8.853E-05	2.435E-09	1.235E-05	1.600E+04
1.625E-01	1.130E-01	2.162E-06	4.699E-05	1.836E-04	8.313E-05	1.901E-09	1.060E-05	1.620E+04
1.558E-01	1.167E-01	2.718E-06	4.509E-05	1.560E-04	7.792E-05	1.484E-09	9.073E-05	1.640E+04
1.493E-01	1.203E-01	3.397E-06	4.316E-05	1.325E-04	7.292E-05	1.159E-09	7.757E-05	1.660E+04
1.429E-01	1.237E-01	4.222E-06	4.122E-05	1.126E-04	6.811E-05	9.044E-10	6.636E-06	1.680E+04
1.367E-01	1.270E-01	5.219E-06	3.927E-05	9.571E-05	6.351E-05	7.055E-10	5.552E-06	1.700E+04
1.305E-01	1.301E-01	6.418E-06	3.733E-05	8.133E-05	5.912E-05	5.499E-10	4.825E-06	1.720E+04
1.246E-01	1.330E-01	7.853E-06	3.540E-05	6.909E-05	5.493E-05	4.264E-10	4.107E-06	1.740E+04
1.188E-01	1.358E-01	9.564E-06	3.351E-05	5.869E-05	5.095E-05	3.334E-10	3.492E-06	1.760E+04
1.132E-01	1.383E-01	1.159E-05	3.165E-05	4.984E-05	4.718E-05	2.593E-10	2.966E-06	1.780E+04
1.078E-01	1.407E-01	1.400E-05	2.983E-05	4.231E-05	4.361E-05	2.014E-10	2.517E-06	1.800E+04
1.026E-01	1.429E-01	1.682E-05	2.807E-05	3.590E-05	4.024E-05	1.563E-10	2.134E-06	1.820E+04
9.752E-02	1.450E-01	2.014E-05	2.636E-05	3.046E-05	3.707E-05	1.211E-10	1.808E-06	1.840E+04
9.268E-02	1.468E-01	2.402E-05	2.472E-05	2.583E-05	3.409E-05	9.580E-11	1.530E-06	1.860E+04
8.803E-02	1.485E-01	2.854E-05	2.314E-05	2.189E-05	3.131E-05	7.254E-11	1.294E-06	1.880E+04
8.358E-02	1.501E-01	3.380E-05	2.163E-05	1.855E-05	2.871E-05	5.603E-11	1.094E-06	1.900E+04
7.932E-02	1.515E-01	3.989E-05	2.018E-05	1.571E-05	2.628E-05	4.323E-11	9.249E-07	1.920E+04
7.525E-02	1.528E-01	4.694E-05	1.881E-05	1.331E-05	2.403E-05	3.332E-11	7.814E-07	1.940E+04
7.137E-02	1.539E-01	5.506E-05	1.750E-05	1.126E-05	2.194E-05	2.565E-11	6.600E-07	1.960E+04
6.767E-02	1.550E-01	6.440E-05	1.627E-05	9.529E-06	2.001E-05	1.972E-11	5.573E-07	1.980E+04
6.416E-02	1.559E-01	7.512E-05	1.511E-05	8.061E-06	1.822E-05	1.515E-11	4.706E-07	2.000E+04
6.082E-02	1.566E-01	8.743E-05	1.401E-05	6.817E-06	1.658E-05	1.163E-11	3.974E-07	2.020E+04
5.765E-02	1.573E-01	1.014E-04	1.298E-05	5.764E-06	1.507E-05	8.918E-12	3.355E-07	2.040E+04
5.454E-02	1.579E-01	1.174E-04	1.201E-05	4.873E-06	1.368E-05	6.834E-12	2.835E-07	2.060E+04
5.179E-02	1.585E-01	1.357E-04	1.111E-05	4.120E-06	1.241E-05	5.233E-12	2.395E-07	2.080E+04
4.910E-02	1.589E-01	1.564E-04	1.027E-05	3.483E-06	1.125E-05	4.006E-12	2.024E-07	2.100E+04
4.655E-02	1.593E-01	1.798E-04	9.482E-06	2.944E-06	1.019E-05	3.065E-12	1.712E-07	2.120E+04
4.414E-02	1.596E-01	2.064E-04	8.752E-06	2.489E-06	9.224E-06	2.344E-12	1.448E-07	2.140E+04
4.186E-02	1.599E-01	2.365E-04	8.073E-06	2.105E-06	8.346E-06	1.793E-12	1.226E-07	2.160E+04
3.971E-02	1.602E-01	2.705E-04	7.443E-06	1.781E-06	7.548E-06	1.371E-12	1.039E-07	2.180E+04
3.768E-02	1.603E-01	3.087E-04	6.860E-06	1.507E-06	6.824E-06	1.048E-12	8.805E-08	2.200E+04
3.576E-02	1.605E-01	3.518E-04	6.320E-06	1.276E-06	6.158E-06	8.019E-13	7.471E-08	2.220E+04
3.395E-02	1.606E-01	4.001E-04	5.821E-06	1.080E-06	5.573E-06	6.137E-13	6.344E-08	2.240E+04
3.225E-02	1.607E-01	4.544E-04	5.361E-06	9.154E-07	5.035E-06	4.698E-13	5.392E-08	2.260E+04
3.064E-02	1.608E-01	5.151E-04	4.936E-06	7.761E-07	4.549E-06	3.559E-13	4.587E-08	2.280E+04
2.913E-02	1.608E-01	5.830E-04	4.544E-06	6.585E-07	4.110E-06	2.759E-13	3.905E-08	2.300E+04
2.770E-02	1.608E-01	6.589E-04	4.184E-06	5.591E-07	3.713E-06	2.117E-13	3.330E-08	2.320E+04
2.635E-02	1.608E-01	7.434E-04	3.852E-06	4.731E-07	3.355E-06	1.525E-13	2.841E-08	2.340E+04
2.507E-02	1.608E-01	8.376E-04	3.546E-06	4.040E-07	3.032E-06	1.250E-13	2.427E-08	2.360E+04
2.387E-02	1.608E-01	9.422E-04	3.265E-06	3.439E-07	2.741E-06	9.524E-14	2.075E-08	2.380E+04
2.274E-02	1.607E-01	1.058E-03	3.007E-06	2.929E-07	2.478E-06	7.417E-14	1.777E-08	2.400E+04
2.157E-02	1.606E-01	1.187E-03	2.770E-06	2.498E-07	2.241E-06	5.724E-14	1.523E-08	2.420E+04
2.066E-02	1.605E-01	1.329E-03	2.551E-06	2.132E-07	2.027E-06	4.424E-14	1.306E-08	2.440E+04
1.970E-02	1.604E-01	1.486E-03	2.351E-06	1.822E-07	1.835E-06	3.424E-14	1.122E-08	2.460E+04
1.880E-02	1.603E-01	1.659E-03	2.167E-06	1.558E-07	1.661E-06	2.654E-14	9.648E-09	2.480E+04
1.795E-02	1.601E-01	1.850E-03	1.998E-06	1.334E-07	1.505E-06	2.061E-14	8.305E-09	2.500E+04

Table II. - Continued.

P/PO = 4.00E+01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.397E-11	1.760E-18	0.
2.000E+02	0.	1.184E-68	0.	0.	0.	4.983E-11	1.760E-18	0.
3.000E+02	0.	5.280E-47	5.308E-81	0.	0.	4.930E-11	1.760E-18	0.
4.000E+02	0.	3.899E-36	1.300E-63	0.	0.	5.172E-11	1.760E-18	0.
5.000E+02	0.	1.280E-29	3.853E-53	0.	0.	4.889E-11	1.760E-18	0.
6.000E+02	2.806E-95	3.033E-25	3.604E-46	0.	0.	5.041E-11	1.760E-18	3.834E-96
7.000E+02	1.203E-80	4.066E-22	3.525E-41	0.	6.210E-91	5.121E-11	1.760E-18	7.298E-83
8.000E+02	2.984E-69	1.445E-19	1.241E-37	0.	1.854E-78	1.307E-10	1.760E-18	4.233E-72
9.000E+02	1.916E-59	4.101E-17	2.455E-35	0.	2.351E-67	2.317E-09	1.760E-18	7.281E-62
1.000E+03	1.707E-51	4.192E-15	1.530E-33	0.	2.454E-58	2.842E-08	1.760E-18	1.702E-53
1.100E+03	5.600E-45	1.861E-13	4.501E-32	0.	5.943E-51	2.226E-07	1.760E-18	1.214E-46
1.200E+03	1.532E-39	4.400E-12	7.571E-31	0.	8.486E-45	1.235E-06	1.760E-18	6.217E-41
1.300E+03	6.192E-35	6.403E-11	8.282E-30	0.	1.365E-39	5.254E-06	1.760E-18	4.196E-36
1.400E+03	5.562E-31	6.362E-10	6.457E-29	0.	3.957E-35	1.814E-05	1.760E-18	5.762E-32
1.500E+03	1.499E-27	4.657E-09	3.839E-28	0.	2.910E-31	5.300E-05	1.760E-18	2.215E-28
1.600E+03	1.518E-24	2.660E-08	1.831E-27	0.	7.024E-28	1.362E-04	1.760E-18	3.023E-25
1.700E+03	6.855E-22	1.238E-07	7.285E-27	0.	6.766E-25	3.085E-04	1.761E-18	1.578E-22
1.800E+03	1.428E-19	4.856E-07	2.754E-26	0.	2.742E-22	6.411E-04	1.948E-18	4.543E-20
1.900E+03	4.528E-18	1.649E-06	3.418E-25	0.	1.564E-20	1.232E-03	8.031E-18	1.730E-18
2.000E+03	4.433E-17	4.957E-06	7.584E-24	0.	2.581E-19	2.212E-03	6.615E-17	1.981E-17
2.100E+03	3.199E-16	1.340E-05	1.381E-22	1.781E-90	2.968E-18	3.748E-03	4.880E-16	1.634E-16
2.200E+03	1.913E-15	3.308E-05	1.953E-21	3.198E-86	2.693E-17	6.036E-03	3.035E-15	1.094E-15
2.300E+03	9.785E-15	7.538E-05	2.202E-20	2.474E-82	2.003E-16	9.295E-03	1.613E-14	6.150E-15
2.400E+03	4.369E-14	1.601E-04	2.035E-19	9.142E-79	1.252E-15	1.375E-02	7.461E-14	2.969E-14
2.500E+03	1.731E-13	3.194E-04	1.577E-18	1.761E-75	6.721E-15	1.961E-02	3.048E-13	1.252E-13
2.600E+03	6.166E-13	6.027E-04	1.045E-17	1.906E-72	3.148E-14	2.706E-02	1.115E-12	4.679E-13
2.700E+03	1.999E-12	1.081E-03	6.027E-17	1.236E-69	1.306E-13	3.621E-02	3.695E-12	1.569E-12
2.800E+03	5.951E-12	1.854E-03	3.068E-16	5.066E-67	4.855E-13	4.707E-02	1.119E-11	4.768E-12
2.900E+03	1.642E-11	3.050E-03	1.396E-15	1.377E-64	1.635E-12	5.957E-02	3.125E-11	1.324E-11
3.000E+03	4.227E-11	4.829E-03	5.736E-15	2.587E-62	5.029E-12	7.349E-02	8.100E-11	3.387E-11
3.100E+03	1.022E-10	7.385E-03	2.151E-14	3.431E-60	1.425E-11	8.848E-02	1.962E-10	8.030E-11
3.200E+03	2.332E-10	1.093E-02	7.419E-14	3.461E-58	3.743E-11	1.041E-01	4.465E-10	1.774E-10
3.300E+03	5.048E-10	1.571E-02	2.371E-13	2.615E-56	9.169E-11	1.197E-01	9.593E-10	3.670E-10
3.400E+03	1.041E-09	2.196E-02	7.072E-13	1.539E-54	2.105E-10	1.348E-01	1.955E-09	7.140E-10
3.500E+03	2.052E-09	2.991E-02	1.979E-12	7.207E-53	4.553E-10	1.487E-01	3.793E-09	1.312E-09
3.600E+03	3.881E-09	3.976E-02	5.226E-12	2.739E-51	9.312E-10	1.689E-01	7.035E-09	2.284E-09
3.700E+03	7.060E-09	5.168E-02	1.308E-11	8.598E-50	1.808E-09	1.709E-01	1.251E-08	3.780E-09
3.800E+03	1.239E-08	6.576E-02	3.118E-11	2.264E-48	3.343E-09	1.782E-01	2.141E-08	5.965E-09
3.900E+03	2.101E-08	8.206E-02	7.100E-11	5.070E-47	5.905E-09	1.828E-01	3.534E-08	9.000E-09
4.000E+03	3.452E-08	1.005E-01	1.551E-10	9.782E-46	9.994E-09	1.844E-01	5.641E-08	1.302E-08
4.100E+03	5.506E-08	1.210E-01	3.259E-10	1.644E-44	1.625E-08	1.832E-01	8.726E-08	1.808E-08
4.200E+03	8.542E-08	1.432E-01	6.606E-10	2.431E-43	2.543E-08	1.792E-01	1.311E-07	2.418E-08
4.300E+03	1.291E-07	1.670E-01	1.295E-09	3.192E-42	3.842E-08	1.729E-01	1.916E-07	3.120E-08
4.400E+03	1.904E-07	1.918E-01	2.461E-09	3.751E-41	5.611E-08	1.644E-01	2.730E-07	3.892E-08
4.500E+03	2.744E-07	2.173E-01	4.541E-09	3.979E-40	7.942E-08	1.544E-01	3.795E-07	4.700E-08
4.600E+03	3.870E-07	2.430E-01	8.151E-09	3.828E-39	1.091E-07	1.431E-01	5.153E-07	5.507E-08
4.700E+03	5.353E-07	2.684E-01	1.425E-08	3.362E-38	1.459E-07	1.311E-01	6.846E-07	6.274E-08
4.800E+03	7.270E-07	2.930E-01	2.431E-08	2.708E-37	1.902E-07	1.187E-01	8.906E-07	6.965E-08
4.900E+03	9.712E-07	3.165E-01	4.048E-08	2.010E-36	2.423E-07	1.064E-01	1.135E-06	7.552E-08
5.000E+03	1.278E-06	3.386E-01	5.588E-08	1.379E-35	3.023E-07	9.455E-02	1.420E-06	8.019E-08
5.100E+03	1.661E-06	3.589E-01	1.048E-07	8.768E-35	3.703E-07	8.333E-02	1.743E-06	8.361E-08
5.200E+03	2.135E-06	3.773E-01	1.633E-07	5.183E-34	4.466E-07	7.209E-02	2.101E-06	8.580E-08
5.300E+03	2.718E-06	3.939E-01	2.489E-07	2.854E-33	5.315E-07	6.341E-02	2.490E-06	8.707E-08
5.400E+03	3.434E-06	4.085E-01	3.715E-07	1.467E-32	6.257E-07	5.492E-02	2.903E-06	8.746E-08
5.500E+03	4.313E-06	4.213E-01	5.433E-07	7.051E-32	7.304E-07	4.740E-02	3.330E-06	8.725E-08
5.600E+03	5.392E-06	4.325E-01	7.787E-07	3.174E-31	8.470E-07	4.083E-02	3.763E-06	8.664E-08
5.700E+03	6.717E-06	4.421E-01	1.095E-06	1.342E-30	9.774E-07	3.512E-02	4.190E-06	8.582E-08
5.800E+03	8.347E-06	4.503E-01	1.511E-06	5.336E-30	1.124E-06	3.020E-02	4.604E-06	8.494E-08
5.900E+03	1.035E-05	4.574E-01	2.048E-06	2.002E-29	1.289E-06	2.598E-02	4.996E-06	8.409E-08
6.000E+03	1.281E-05	4.634E-01	2.729E-06	7.105E-29	1.476E-06	2.238E-02	5.359E-06	8.336E-08
6.100E+03	1.584E-05	4.685E-01	3.580E-06	2.392E-28	1.688E-06	1.931E-02	5.688E-06	8.279E-08
6.200E+03	1.955E-05	4.729E-01	4.628E-06	7.663E-28	1.928E-06	1.669E-02	5.982E-06	8.241E-08
6.300E+03	2.409E-05	4.767E-01	5.901E-06	2.342E-27	2.200E-06	1.446E-02	6.238E-06	8.223E-08
6.400E+03	2.963E-05	4.799E-01	7.429E-06	6.846E-27	2.509E-06	1.256E-02	6.457E-06	8.227E-08
6.500E+03	3.639E-05	4.827E-01	9.242E-06	1.919E-26	2.859E-06	1.095E-02	6.640E-06	8.253E-08
6.600E+03	4.461E-05	4.852E-01	1.137E-05	5.172E-26	3.256E-06	9.567E-03	6.787E-06	8.302E-08
6.700E+03	5.460E-05	4.875E-01	1.385E-05	1.342E-25	3.705E-06	8.387E-03	6.901E-06	8.375E-08
6.800E+03	6.670E-05	4.895E-01	1.670E-05	3.362E-25	4.215E-06	7.378E-03	6.983E-06	8.473E-08
6.900E+03	8.136E-05	4.914E-01	1.995E-05	8.137E-25	4.794E-06	6.512E-03	7.036E-06	8.598E-08
7.000E+03	9.907E-05	4.933E-01	2.364E-05	1.907E-24	5.451E-06	5.767E-03	7.062E-06	8.752E-08
7.100E+03	1.205E-04	4.952E-01	2.778E-05	4.333E-24	6.197E-06	5.127E-03	7.064E-06	8.938E-08
7.200E+03	1.462E-04	4.971E-01	3.239E-05	9.562E-24	7.045E-06	4.534E-03	7.045E-06	9.157E-08
7.300E+03	1.772E-04	4.992E-01	3.751E-05	2.052E-23	8.010E-06	4.096E-03	7.009E-06	9.412E-08
7.400E+03	2.144E-04	5.014E-01	4.316E-05	4.291E-23	9.105E-06	3.682E-03	6.959E-06	9.705E-08
7.500E+03	2.589E-04	5.039E-01	4.937E-05	8.755E-23	1.035E-05	3.323E-03	6.901E-06	1.004E-07
7.600E+03	3.119E-04	5.067E-01	5.618E-05	1.746E-22	1.176E-05	3.012E-03	6.838E-06	1.041E-07
7.700E+03	3.748E-04	5.098E-01	6.365E-05	3.411E-22	1.335E-05	2.740E-03	6.775E-06	1.082E-07
7.800E+03	4.492E-04	5.134E-01	7.185E-05	6.535E-22	1.514E-05	2.504E-03	6.716E-06	1.178E-07
7.900E+03	5.365E-04	5.173E-01	8.087E-05	1.231E-21	1.715E-05	2.298E-03	6.666E-06	1.278E-07
8.000E+03	6.385E-04	5.217E-01	9.080E-05	2.282E-21	1.939E-05	2.117E-03	6.628E-06	1.231E-07
8.200E+03	8.931E-04	5.319E-01	1.139E-04	7.531E-21	2.462E-05	1.818E-03	6.600E-06	1.347E-07

Table II. - Continued.

P/P0 = 4.00E+01

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	9.967E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.942E-41	2.551E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	8.198E-29	8.859E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	2.151E-21	2.228E-48	1.000E+00	0.	5.000E+02
9.575E-81	9.610E-82	0.	0.	1.835E-16	3.592E-40	1.000E+00	0.	6.000E+02
6.500E-57	7.158E-59	0.	0.	6.125E-12	2.690E-34	1.000E+00	0.	7.000E+02
6.152E-57	5.132E-60	0.	0.	1.687E-10	1.707E-30	1.000E+00	4.677E-79	8.000E+02
4.153E-50	5.439E-55	0.	0.	4.538E-09	6.166E-29	1.000E+00	1.046E-69	9.000E+02
9.848E-45	3.799E-51	0.	0.	5.675E-08	7.930E-28	1.000E+00	2.084E-62	1.000E+03
2.48E-40	5.238E-48	0.	7.960E-79	4.451E-07	6.547E-27	1.000E+00	1.921E-56	1.100E+03
1.129E-36	2.175E-45	0.	2.676E-70	2.470E-06	3.585E-26	1.000E+00	1.796E-51	1.200E+03
1.425E-33	3.590E-43	0.	4.388E-63	1.051E-05	1.352E-25	1.000E+00	2.890E-47	1.300E+03
6.500E-31	2.869E-41	0.	6.701E-57	3.628E-05	5.450E-25	9.999E-01	1.166E-43	1.400E+03
1.312E-28	1.283E-39	2.565E-95	1.532E-51	1.060E-04	1.619E-24	9.998E-01	1.553E-40	1.500E+03
1.366E-26	3.573E-38	1.092E-91	7.482E-47	2.705E-04	4.202E-24	9.996E-01	8.435E-38	1.600E+03
8.243E-25	6.770E-37	1.748E-88	1.025E-42	6.171E-04	9.752E-24	9.991E-01	2.182E-35	1.700E+03
3.156E-23	1.024E-35	1.515E-85	4.399E-39	1.283E-03	2.280E-23	9.981E-01	3.046E-33	1.800E+03
8.236E-22	4.397E-34	9.182E-82	2.075E-36	2.465E-03	1.483E-22	9.963E-01	2.527E-31	1.900E+03
1.552E-20	2.991E-32	1.240E-77	2.293E-34	4.429E-03	2.767E-21	9.934E-01	1.347E-29	2.000E+03
2.211E-19	1.495E-30	8.159E-74	1.475E-32	7.509E-03	3.527E-20	9.887E-01	4.914E-28	2.100E+03
2.473E-18	5.305E-29	2.483E-70	6.404E-31	1.211E-02	3.599E-19	9.818E-01	1.291E-26	2.200E+03
2.242E-17	1.388E-27	3.802E-67	1.991E-29	1.866E-02	3.023E-18	9.720E-01	2.550E-25	2.300E+03
1.690E-16	2.777E-26	3.185E-64	4.624E-28	2.766E-02	2.123E-17	9.584E-01	3.919E-24	2.400E+03
1.083E-15	4.373E-25	1.568E-61	8.307E-27	3.954E-02	1.275E-16	9.405E-01	4.828E-23	2.500E+03
6.006E-15	5.613E-24	4.810E-59	1.189E-25	5.472E-02	6.668E-16	9.176E-01	4.887E-22	2.600E+03
2.929E-14	5.961E-23	9.772E-57	1.388E-24	7.349E-02	3.079E-15	8.892E-01	4.150E-21	2.700E+03
1.273E-13	5.358E-22	1.262E-54	1.252E-23	9.609E-02	1.271E-14	8.551E-01	3.011E-20	2.800E+03
4.986E-13	4.146E-21	1.359E-52	1.117E-22	1.222E-01	4.742E-14	8.152E-01	1.896E-19	2.900E+03
1.779E-12	2.804E-20	1.004E-50	7.967E-22	1.518E-01	1.615E-13	7.699E-01	1.030E-18	3.000E+03
5.827E-12	1.679E-19	5.651E-49	4.966E-21	1.843E-01	5.059E-13	7.198E-01	5.176E-18	3.100E+03
1.768E-11	9.006E-19	2.490E-47	2.739E-20	2.191E-01	1.469E-12	6.659E-01	2.294E-17	3.200E+03
4.998E-11	4.372E-16	8.782E-46	1.351E-19	2.551E-01	3.981E-12	6.094E-01	9.235E-17	3.300E+03
1.325E-10	1.939E-17	2.532E-44	6.015E-19	2.916E-01	1.013E-11	5.517E-01	3.404E-16	3.400E+03
3.315E-10	7.915E-17	6.072E-43	2.438E-18	3.273E-01	2.432E-11	4.940E-01	1.158E-15	3.500E+03
7.862E-10	3.000E-16	1.233E-41	9.067E-18	2.616E-01	5.542E-11	4.378E-01	3.660E-15	3.600E+03
1.776E-09	1.052E-15	2.149E-40	3.115E-17	3.934E-01	1.204E-10	3.841E-01	1.083E-14	3.700E+03
3.837E-09	3.537E-15	3.250E-39	9.945E-17	4.222E-01	2.503E-10	3.338E-01	3.016E-14	3.800E+03
7.963E-09	1.114E-14	4.557E-38	2.969E-16	4.476E-01	5.003E-10	2.876E-01	7.955E-14	3.900E+03
1.593E-08	3.332E-14	5.183E-37	8.334E-16	4.693E-01	9.648E-10	2.458E-01	1.998E-13	4.000E+03
3.083E-08	9.522E-14	5.523E-36	5.210E-15	4.873E-01	1.801E-09	2.086E-01	4.801E-13	4.100E+03
5.789E-08	2.610E-13	5.267E-35	5.561E-15	5.016E-01	3.266E-09	1.759E-01	1.109E-12	4.200E+03
1.058E-07	6.888E-13	4.738E-34	1.334E-14	5.127E-01	5.766E-09	1.475E-01	2.475E-12	4.300E+03
1.886E-07	1.755E-12	3.895E-33	3.060E-14	5.207E-01	9.941E-09	1.231E-01	5.352E-12	4.400E+03
3.269E-07	4.341E-12	2.949E-32	5.745E-14	5.260E-01	1.677E-08	1.023E-01	1.126E-11	4.500E+03
5.622E-07	1.042E-11	2.080E-31	1.433E-13	5.292E-01	2.773E-08	8.478E-02	2.313E-11	4.600E+03
9.438E-07	2.440E-11	1.374E-30	2.942E-13	5.305E-01	4.504E-08	7.005E-02	4.651E-11	4.700E+03
1.559E-06	5.571E-11	8.532E-30	5.858E-13	5.305E-01	7.194E-08	5.778E-02	9.178E-11	4.800E+03
2.536E-06	1.240E-10	4.994E-29	1.135E-12	5.294E-01	1.131E-07	4.760E-02	1.781E-10	4.900E+03
4.070E-06	2.704E-10	2.702E-28	2.144E-12	5.277E-01	1.751E-07	3.921E-02	3.402E-10	5.000E+03
6.448E-06	5.782E-10	1.443E-27	3.960E-12	5.255E-01	2.671E-07	3.230E-02	6.409E-10	5.100E+03
1.009E-05	1.209E-09	7.167E-27	7.168E-12	5.231E-01	4.015E-07	2.665E-02	1.192E-09	5.200E+03
1.562E-05	2.470E-09	3.368E-26	1.275E-11	5.207E-01	5.948E-07	2.201E-02	2.147E-09	5.300E+03
2.590E-05	4.939E-09	1.500E-25	2.231E-11	5.183E-01	8.680E-07	1.823E-02	3.963E-09	5.400E+03
3.618E-05	9.656E-09	6.338E-25	3.851E-11	5.161E-01	1.248E-06	1.514E-02	7.093E-09	5.500E+03
5.418E-05	1.846E-08	2.540E-24	6.561E-11	5.140E-01	1.765E-06	1.261E-02	1.253E-08	5.600E+03
8.030E-05	3.449E-08	9.659E-24	1.105E-10	5.122E-01	2.461E-06	1.054E-02	2.187E-08	5.700E+03
1.178E-04	6.300E-08	3.489E-23	1.842E-10	5.103E-01	3.378E-06	8.845E-03	3.767E-08	5.800E+03
1.710E-04	1.125E-07	1.199E-22	3.039E-10	5.090E-01	4.568E-06	7.450E-03	6.404E-08	5.900E+03
2.458E-04	1.967E-07	3.926E-22	4.966E-10	5.077E-01	6.089E-06	6.301E-03	1.075E-07	6.000E+03
3.498E-04	3.366E-07	1.227E-21	8.039E-10	5.064E-01	8.004E-06	5.350E-03	1.780E-07	6.100E+03
4.930E-04	5.644E-07	3.668E-21	1.289E-09	5.052E-01	1.038E-05	4.562E-03	2.909E-07	6.200E+03
6.883E-04	9.280E-07	1.051E-20	2.049E-09	5.042E-01	1.330E-05	3.905E-03	4.693E-07	6.300E+03
9.519E-04	1.497E-06	2.892E-20	3.225E-09	5.031E-01	1.684E-05	3.356E-03	7.473E-07	6.400E+03
1.304E-03	2.372E-06	7.655E-20	5.032E-09	5.020E-01	2.108E-05	2.895E-03	1.175E-06	6.500E+03
1.771E-03	3.694E-06	1.953E-19	7.778E-09	5.008E-01	2.610E-05	2.507E-03	1.823E-06	6.600E+03
2.384E-03	5.657E-06	4.810E-19	1.191E-08	4.995E-01	3.199E-05	2.179E-03	2.793E-06	6.700E+03
3.180E-03	8.520E-06	1.145E-18	1.809E-08	4.979E-01	3.882E-05	1.900E-03	4.224E-06	6.800E+03
4.206E-03	1.262E-05	2.638E-18	2.721E-08	4.960E-01	4.664E-05	1.662E-03	6.308E-06	6.900E+03
5.514E-03	1.844E-05	5.897E-18	4.058E-08	4.937E-01	5.551E-05	1.457E-03	9.297E-06	7.000E+03
7.166E-03	2.650E-05	1.274E-17	5.997E-08	4.910E-01	6.546E-05	1.282E-03	1.352E-05	7.100E+03
9.232E-03	3.753E-05	6.777E-17	8.783E-08	4.876E-01	7.647E-05	1.130E-03	1.941E-05	7.200E+03
1.179E-02	5.228E-05	5.465E-17	1.275E-07	4.835E-01	8.855E-05	9.984E-04	2.747E-05	7.300E+03
1.492E-02	7.204E-05	1.085E-16	1.832E-07	4.786E-01	1.016E-04	8.836E-04	3.822E-05	7.400E+03
1.871E-02	9.770E-05	2.098E-16	2.608E-07	4.727E-01	1.156E-04	7.830E-04	5.258E-05	7.500E+03
2.324E-02	1.307E-04	3.955E-16	3.672E-07	4.656E-01	1.304E-04	6.945E-04	7.121E-05	7.600E+03
2.859E-02	1.724E-04	7.276E-16	5.115E-07	4.574E-01	1.459E-04	6.164E-04	9.500E-05	7.700E+03
3.483E-02	2.245E-04	1.309E-15	7.042E-07	4.477E-01	1.620E-04	5.472E-04	1.245E-04	7.800E+03
4.200E-02	2.887E-04	2.300E-15	9.576E-07	4.366E-01	1.785E-04	4.855E-04	1.603E-04	7.900E+03
5.013E-02	3.667E-04	3.964E-15	1.285E-06	4.241E-01	1.951E-04	4.305E-04	2.029E-04	8.000E+03
6.921E-02	5.710E-04	1.112E-14	2.223E-06	3.946E-01	2.285E-04	3.371E-04	3.077E-04	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.226E-03	5.436E-01	1.425E-04	2.375E-20	3.088E-05	1.584E-03	6.647E-06	1.473E-07
8.600E+03	1.650E-03	5.565E-01	1.781E-04	7.215E-20	3.817E-05	1.395E-03	6.772E-06	1.601E-07
8.800E+03	2.176E-03	5.698E-01	2.226E-04	2.122E-19	4.640E-05	1.240E-03	6.972E-06	1.723E-07
9.000E+03	2.813E-03	5.830E-01	2.780E-04	6.056E-19	5.542E-05	1.108E-03	7.236E-06	1.833E-07
9.200E+03	3.567E-03	5.954E-01	3.466E-04	1.680E-18	6.503E-05	9.928E-04	7.555E-06	1.924E-07
9.400E+03	4.446E-03	6.065E-01	4.312E-04	4.529E-18	7.502E-05	8.908E-04	7.914E-06	1.992E-07
9.600E+03	5.456E-03	6.161E-01	5.346E-04	1.187E-17	8.521E-05	7.995E-04	8.304E-06	2.034E-07
9.800E+03	6.604E-03	6.240E-01	6.599E-04	3.024E-17	9.542E-05	7.174E-04	8.716E-06	2.053E-07
1.000E+04	7.896E-03	6.303E-01	8.106E-04	7.485E-17	1.055E-04	6.436E-04	9.144E-06	2.050E-07
1.020E+04	9.341E-03	6.351E-01	9.906E-04	1.801E-16	1.155E-04	5.774E-04	9.583E-06	2.029E-07
1.040E+04	1.095E-02	6.386E-01	1.204E-03	4.215E-16	1.252E-04	5.183E-04	1.003E-05	1.994E-07
1.060E+04	1.273E-02	6.411E-01	1.455E-03	9.598E-16	1.347E-04	4.657E-04	1.048E-05	1.948E-07
1.080E+04	1.468E-02	6.425E-01	1.749E-03	2.128E-15	1.439E-04	4.188E-04	1.094E-05	1.895E-07
1.100E+04	1.683E-02	6.432E-01	2.091E-03	4.599E-15	1.529E-04	3.772E-04	1.140E-05	1.836E-07
1.120E+04	1.918E-02	6.431E-01	2.486E-03	9.694E-15	1.616E-04	3.483E-04	1.186E-05	1.773E-07
1.140E+04	2.174E-02	6.425E-01	2.941E-03	1.995E-14	1.699E-04	3.074E-04	1.232E-05	1.708E-07
1.160E+04	2.452E-02	6.413E-01	3.462E-03	4.014E-14	1.780E-04	2.782E-04	1.279E-05	1.642E-07
1.180E+04	2.752E-02	6.397E-01	4.055E-03	7.900E-14	1.858E-04	2.522E-04	1.325E-05	1.576E-07
1.200E+04	3.076E-02	6.376E-01	4.728E-03	1.523E-13	1.932E-04	2.290E-04	1.371E-05	1.510E-07
1.220E+04	3.424E-02	6.351E-01	5.488E-03	2.877E-13	2.003E-04	2.083E-04	1.417E-05	1.445E-07
1.240E+04	3.797E-02	6.323E-01	6.344E-03	5.332E-13	2.070E-04	1.887E-04	1.463E-05	1.380E-07
1.260E+04	4.194E-02	6.291E-01	7.302E-03	9.703E-13	2.133E-04	1.730E-04	1.509E-05	1.317E-07
1.280E+04	4.617E-02	6.255E-01	8.372E-03	1.735E-12	2.192E-04	1.580E-04	1.554E-05	1.255E-07
1.300E+04	5.066E-02	6.216E-01	9.563E-03	3.052E-12	2.246E-04	1.444E-04	1.598E-05	1.195E-07
1.320E+04	5.541E-02	6.173E-01	1.088E-02	5.282E-12	2.296E-04	1.321E-04	1.641E-05	1.136E-07
1.340E+04	6.042E-02	6.127E-01	1.234E-02	9.003E-12	2.341E-04	1.210E-04	1.683E-05	1.078E-07
1.360E+04	6.568E-02	6.078E-01	1.395E-02	1.512E-11	2.381E-04	1.109E-04	1.724E-05	1.022E-07
1.380E+04	7.120E-02	6.024E-01	1.571E-02	2.505E-11	2.416E-04	1.017E-04	1.763E-05	9.672E-08
1.400E+04	7.698E-02	5.968E-01	1.764E-02	4.094E-11	2.445E-04	9.335E-05	1.801E-05	9.142E-08
1.420E+04	8.300E-02	5.907E-01	1.974E-02	6.604E-11	2.470E-04	8.568E-05	1.836E-05	8.627E-08
1.440E+04	8.927E-02	5.843E-01	2.203E-02	1.052E-10	2.488E-04	7.867E-05	1.870E-05	8.129E-08
1.460E+04	9.577E-02	5.776E-01	2.450E-02	1.657E-10	2.502E-04	7.223E-05	1.901E-05	7.646E-08
1.480E+04	1.025E-01	5.705E-01	2.718E-02	2.579E-10	2.509E-04	6.632E-05	1.930E-05	7.180E-08
1.500E+04	1.095E-01	5.630E-01	3.007E-02	3.970E-10	2.511E-04	6.089E-05	1.956E-05	6.730E-08
1.520E+04	1.166E-01	5.552E-01	3.317E-02	6.046E-10	2.507E-04	5.589E-05	1.978E-05	6.297E-08
1.540E+04	1.240E-01	5.470E-01	3.649E-02	9.113E-10	2.498E-04	5.128E-05	1.998E-05	5.880E-08
1.560E+04	1.315E-01	5.384E-01	4.004E-02	1.360E-09	2.484E-04	4.702E-05	2.013E-05	5.480E-08
1.580E+04	1.393E-01	5.295E-01	4.381E-02	2.010E-09	2.464E-04	4.309E-05	2.026E-05	5.097E-08
1.600E+04	1.472E-01	5.203E-01	4.782E-02	2.944E-09	2.439E-04	3.946E-05	2.034E-05	4.730E-08
1.620E+04	1.552E-01	5.107E-01	5.206E-02	4.272E-09	2.409E-04	3.611E-05	2.038E-05	4.381E-08
1.640E+04	1.634E-01	5.008E-01	5.653E-02	6.146E-09	2.374E-04	3.301E-05	2.037E-05	4.048E-08
1.660E+04	1.718E-01	4.905E-01	6.124E-02	8.767E-09	2.335E-04	3.015E-05	2.033E-05	3.731E-08
1.680E+04	1.802E-01	4.800E-01	6.617E-02	1.240E-08	2.291E-04	2.750E-05	2.023E-05	3.432E-08
1.700E+04	1.887E-01	4.692E-01	7.132E-02	1.741E-08	2.243E-04	2.505E-05	2.010E-05	3.148E-08
1.720E+04	1.973E-01	4.581E-01	7.668E-02	2.424E-08	2.192E-04	2.279E-05	1.991E-05	2.881E-08
1.740E+04	2.060E-01	4.467E-01	8.225E-02	3.351E-08	2.137E-04	2.071E-05	1.969E-05	2.630E-08
1.760E+04	2.147E-01	4.352E-01	8.801E-02	4.597E-08	2.079E-04	1.879E-05	1.941E-05	2.394E-08
1.780E+04	2.235E-01	4.234E-01	9.396E-02	6.262E-08	2.018E-04	1.701E-05	1.910E-05	2.174E-08
1.800E+04	2.323E-01	4.115E-01	1.001E-01	8.471E-08	1.955E-04	1.538E-05	1.874E-05	1.969E-08
1.820E+04	2.410E-01	3.994E-01	1.063E-01	1.138E-07	1.889E-04	1.389E-05	1.834E-05	1.778E-08
1.840E+04	2.498E-01	3.872E-01	1.127E-01	1.520E-07	1.822E-04	1.251E-05	1.791E-05	1.601E-08
1.860E+04	2.585E-01	3.749E-01	1.193E-01	2.015E-07	1.754E-04	1.125E-05	1.744E-05	1.438E-08
1.880E+04	2.671E-01	3.625E-01	1.259E-01	2.657E-07	1.684E-04	1.010E-05	1.694E-05	1.288E-08
1.900E+04	2.757E-01	3.501E-01	1.326E-01	3.481E-07	1.614E-04	9.053E-06	1.641E-05	1.150E-08
1.920E+04	2.842E-01	3.377E-01	1.393E-01	4.534E-07	1.543E-04	8.096E-06	1.586E-05	1.025E-08
1.940E+04	2.925E-01	3.254E-01	1.461E-01	5.872E-07	1.473E-04	7.227E-06	1.528E-05	9.100E-09
1.960E+04	3.008E-01	3.131E-01	1.529E-01	7.562E-07	1.403E-04	6.438E-06	1.469E-05	8.059E-09
1.980E+04	3.089E-01	3.009E-01	1.596E-01	9.687E-07	1.333E-04	5.725E-06	1.409E-05	7.118E-09
2.000E+04	3.169E-01	2.889E-01	1.664E-01	1.234E-06	1.265E-04	5.081E-06	1.348E-05	6.270E-09
2.020E+04	3.247E-01	2.770E-01	1.731E-01	1.565E-06	1.197E-04	4.501E-06	1.286E-05	5.508E-09
2.040E+04	3.323E-01	2.653E-01	1.797E-01	1.974E-06	1.131E-04	3.980E-06	1.224E-05	4.826E-09
2.060E+04	3.398E-01	2.538E-01	1.862E-01	2.478E-06	1.067E-04	3.513E-06	1.163E-05	4.218E-09
2.080E+04	3.470E-01	2.425E-01	1.926E-01	3.097E-06	1.004E-04	3.095E-06	1.102E-05	3.677E-09
2.100E+04	3.541E-01	2.316E-01	1.989E-01	3.852E-06	9.440E-05	2.723E-06	1.042E-05	3.198E-09
2.120E+04	3.609E-01	2.209E-01	2.051E-01	4.770E-06	8.858E-05	2.391E-06	9.834E-06	2.776E-09
2.140E+04	3.675E-01	2.105E-01	2.111E-01	5.882E-06	8.298E-05	2.097E-06	9.261E-06	2.403E-09
2.160E+04	3.739E-01	2.004E-01	2.169E-01	7.223E-06	7.762E-05	1.836E-06	8.705E-06	2.077E-09
2.180E+04	3.800E-01	1.906E-01	2.226E-01	8.834E-06	7.250E-05	1.606E-06	8.168E-06	1.791E-09
2.200E+04	3.860E-01	1.812E-01	2.281E-01	1.076E-05	6.762E-05	1.402E-06	7.650E-06	1.542E-09
2.220E+04	3.916E-01	1.721E-01	2.334E-01	1.306E-05	6.300E-05	1.223E-06	7.153E-06	1.325E-09
2.240E+04	3.971E-01	1.634E-01	2.385E-01	1.579E-05	5.861E-05	1.066E-06	6.679E-06	1.137E-09
2.260E+04	4.023E-01	1.550E-01	2.434E-01	1.903E-05	5.448E-05	9.283E-07	6.227E-06	9.746E-10
2.280E+04	4.073E-01	1.470E-01	2.481E-01	2.285E-05	5.058E-05	8.076E-07	5.798E-06	8.341E-10
2.300E+04	4.121E-01	1.393E-01	2.526E-01	2.734E-05	4.692E-05	7.020E-07	5.392E-06	7.130E-10
2.320E+04	4.167E-01	1.319E-01	2.569E-01	3.261E-05	4.348E-05	6.099E-07	5.008E-06	6.089E-10
2.340E+04	4.210E-01	1.249E-01	2.609E-01	3.877E-05	4.027E-05	5.296E-07	4.648E-06	5.195E-10
2.360E+04	4.252E-01	1.183E-01	2.648E-01	4.595E-05	3.727E-05	4.586E-07	4.309E-06	4.429E-10
2.380E+04	4.291E-01	1.120E-01	2.685E-01	5.429E-05	3.447E-05	3.988E-07	3.991E-06	3.774E-10
2.400E+04	4.329E-01	1.060E-01	2.720E-01	6.397E-05	3.186E-05	3.460E-07	3.695E-06	3.214E-10
2.420E+04	4.364E-01	1.002E-01	2.753E-01	7.515E-05	2.944E-05	3.001E-07	3.418E-06	2.736E-10
2.440E+04	4.398E-01	9.485E-02	2.785E-01	8.805E-05	2.719E-05	2.603E-07	3.160E-06	2.328E-10
2.460E+04	4.430E-01	8.973E-02	2.814E-01	1.029E-04	2.511E-05	2.258E-07	2.920E-06	1.981E-10
2.480E+04	4.461E-01	8.489E-02	2.842E-01	1.199E-04	2.318E-05	1.959E-07	2.697E-06	1.686E-10
2.500E+04	4.490E-01	8.032E-02	2.869E-01	1.394E-04	2.139E-05	1.700E-07	2.491E-06	1.435E-10

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
9.164E-02	8.512E-04	2.915E-14	3.632E-04	3.600F-01	2.605E-04	2.617E-04	4.337E-04	8.400E+03
1.165E-01	1.219E-03	7.202E-14	5.605E-06	3.215E-01	2.899E-04	2.009E-04	5.691E-04	8.690E+03
1.423E-01	1.584E-03	1.989E-13	8.179E-04	2.811E-01	3.155E-04	1.523E-04	6.978E-04	8.830E+03
1.683E-01	2.258E-03	3.782E-13	1.133E-05	2.408E-01	3.363E-04	1.138E-04	6.044E-04	9.000E+03
1.927E-01	2.941E-03	8.128E-13	1.497E-05	2.026E-01	3.520E-04	8.389E-05	8.781E-04	9.200E+03
2.148E-01	3.739E-03	1.683E-12	1.898E-05	1.677E-01	3.624E-04	6.111E-05	9.148E-04	9.400E+03
2.339E-01	4.654E-03	3.359E-12	2.320E-05	1.371E-01	3.679E-04	4.408E-05	9.165E-04	9.600E+03
2.499E-01	5.689E-03	6.537E-12	2.751E-05	1.110E-01	3.691E-04	3.157E-05	8.897E-04	9.800E+03
2.629E-01	6.847E-03	1.235E-11	3.180E-05	8.926E-02	3.667E-04	2.251E-05	8.422E-04	1.000E+04
2.730E-01	8.131E-03	2.265E-11	3.599E-05	7.147E-02	3.616E-04	1.602E-05	7.818E-04	1.020E+04
2.808E-01	9.545E-03	4.061E-11	4.003E-05	5.712E-02	3.543E-04	1.141E-05	7.150E-04	1.040E+04
2.864E-01	1.109E-02	7.116E-11	4.388E-05	4.565E-02	3.459E-04	8.140E-06	6.467E-04	1.060E+04
2.902E-01	1.278E-02	1.221E-10	4.754E-05	3.652E-02	3.363E-04	5.830E-06	5.802E-04	1.080E+04
2.926E-01	1.461E-02	2.053E-10	5.100E-05	2.929E-02	3.262E-04	4.196E-06	5.175E-04	1.100E+04
2.937E-01	1.659E-02	3.388E-10	5.423E-05	2.356E-02	3.158E-04	3.035E-06	4.396E-04	1.120E+04
2.939E-01	1.871E-02	5.492E-10	5.726E-05	1.902E-02	3.052E-04	2.209E-06	4.070E-04	1.140E+04
2.931E-01	2.095E-02	8.757E-10	6.007E-05	1.541E-02	2.947E-04	1.617E-06	3.597E-04	1.160E+04
2.917E-01	2.342E-02	1.374E-09	6.266E-05	1.253E-02	2.843E-04	1.191E-06	3.174E-04	1.180E+04
2.896E-01	2.601E-02	2.125E-09	6.502E-05	1.024E-02	2.740E-04	8.823E-07	2.798E-04	1.200E+04
2.870E-01	2.874E-02	3.239E-09	6.716E-05	8.392E-03	2.640E-04	6.574E-07	2.465E-04	1.220E+04
2.839E-01	3.163E-02	4.870E-09	6.906E-05	6.907E-03	2.542E-04	4.926E-07	2.171E-04	1.240E+04
2.804E-01	3.467E-02	7.229E-09	7.072E-05	5.705E-03	2.446E-04	3.711E-07	1.910E-04	1.260E+04
2.765E-01	3.784E-02	1.062E-08	7.215E-05	4.730E-03	2.352E-04	2.810E-07	1.681E-04	1.280E+04
2.723E-01	4.116E-02	1.336E-08	7.332E-05	3.934E-03	2.261E-04	2.137E-07	1.478E-04	1.300E+04
2.677E-01	4.460E-02	2.201E-08	7.425E-05	3.283E-03	2.172E-04	1.633E-07	1.299E-04	1.320E+04
2.628E-01	4.816E-02	3.121E-08	7.493E-05	2.747E-03	2.084E-04	1.253E-07	1.141E-04	1.340E+04
2.577E-01	5.183E-02	4.379E-08	7.536E-05	2.305E-03	1.999E-04	9.645E-08	1.002E-04	1.360E+04
2.524E-01	5.560E-02	6.083E-08	7.554E-05	1.940E-03	1.916E-04	7.433E-08	8.742E-05	1.380E+04
2.468E-01	5.946E-02	8.372E-08	7.549E-05	1.636E-03	1.834E-04	5.777E-08	7.709E-05	1.400E+04
2.411E-01	6.339E-02	1.142E-07	7.519E-05	1.382E-03	1.755E-04	4.491E-08	6.753E-05	1.420E+04
2.352E-01	6.738E-02	1.544E-07	7.466E-05	1.171E-03	1.677E-04	3.500E-08	5.911E-05	1.440E+04
2.291E-01	7.141E-02	2.069E-07	7.392E-05	9.932E-04	1.601E-04	2.734E-08	5.168E-05	1.460E+04
2.229E-01	7.547E-02	2.752E-07	7.296E-05	8.439E-04	1.526E-04	2.140E-08	4.514E-05	1.480E+04
2.166E-01	7.954E-02	3.630E-07	7.181E-05	7.131E-04	1.453E-04	1.678E-08	3.939E-05	1.500E+04
2.102E-01	8.361E-02	4.754E-07	7.048E-05	6.119E-04	1.382E-04	1.318E-08	3.433E-05	1.520E+04
2.038E-01	8.766E-02	6.181E-07	6.898E-05	5.220E-04	1.313E-04	1.037E-08	2.988E-05	1.540E+04
1.973E-01	9.168E-02	7.980E-07	6.733E-05	4.457E-04	1.245E-04	8.162E-09	2.598E-05	1.560E+04
1.903E-01	9.564E-02	1.023E-06	6.554E-05	3.809E-04	1.180E-04	6.432E-09	2.256E-05	1.580E+04
1.844E-01	9.954E-02	1.304E-06	6.263E-05	3.258E-04	1.116E-04	5.072E-09	1.956E-05	1.600E+04
1.779E-01	1.034E-01	1.651E-06	6.162E-05	2.788E-04	1.054E-04	4.001E-09	1.694E-05	1.620E+04
1.715E-01	1.071E-01	2.078E-06	5.933E-05	2.387E-04	9.938E-05	3.158E-09	1.466E-05	1.640E+04
1.651E-01	1.107E-01	2.600E-06	5.737E-05	2.044E-04	9.357E-05	2.493E-09	1.266E-05	1.660E+04
1.588E-01	1.142E-01	3.236E-06	5.516E-05	1.751E-04	8.795E-05	1.967E-09	1.093E-05	1.680E+04
1.526E-01	1.176E-01	4.005E-06	5.291E-05	1.501E-04	8.255E-05	1.553E-09	9.418E-06	1.700E+04
1.465E-01	1.208E-01	4.931E-06	5.064E-05	1.286E-04	7.735E-05	1.225E-09	8.107E-06	1.720E+04
1.406E-01	1.239E-01	6.042E-06	4.837E-05	1.102E-04	7.236E-05	9.663E-10	6.971E-06	1.740E+04
1.347E-01	1.269E-01	7.366E-06	4.617E-05	9.446E-05	6.759E-05	7.617E-10	5.987E-06	1.760E+04
1.290E-01	1.297E-01	8.940E-06	4.385E-05	8.094E-05	6.303E-05	6.001E-10	5.137E-06	1.780E+04
1.235E-01	1.323E-01	1.080E-05	4.163E-05	6.935E-05	5.868E-05	4.724E-10	4.403E-06	1.800E+04
1.181E-01	1.348E-01	1.300E-05	3.944E-05	5.940E-05	5.454E-05	3.716E-10	3.771E-06	1.820E+04
1.128E-01	1.371E-01	1.553E-05	3.731E-05	5.087E-05	5.062E-05	2.921E-10	3.225E-06	1.840E+04
1.078E-01	1.393E-01	1.859E-05	3.523E-05	4.355E-05	4.691E-05	2.294E-10	2.758E-06	1.860E+04
1.029E-01	1.413E-01	2.211E-05	3.321E-05	3.728E-05	4.340E-05	1.799E-10	2.356E-06	1.880E+04
9.813E-02	1.432E-01	2.520E-05	3.125E-05	3.189E-05	4.009E-05	1.410E-10	2.012E-06	1.900E+04
9.357E-02	1.449E-01	3.044E-05	2.937E-05	2.728E-05	3.699E-05	1.104E-10	1.716E-06	1.920E+04
8.919E-02	1.465E-01	3.542E-05	2.755E-05	2.332E-05	3.408E-05	8.636E-11	1.464E-06	1.940E+04
8.498E-02	1.480E-01	4.273E-05	2.582E-05	1.993E-05	3.135E-05	6.748E-11	1.246E-06	1.960E+04
8.095E-02	1.493E-01	4.999E-05	2.416E-05	1.703E-05	2.890E-05	5.267E-11	1.063E-06	1.980E+04
7.708E-02	1.505E-01	5.832E-05	2.258E-05	1.455E-05	2.643E-05	4.107E-11	9.057E-07	2.000E+04
7.338E-02	1.516E-01	6.735E-05	2.107E-05	1.242E-05	2.423E-05	3.200E-11	7.714E-07	2.020E+04
6.985E-02	1.526E-01	7.737E-05	1.965E-05	1.060E-05	2.218E-05	2.491E-11	6.569E-07	2.040E+04
6.648E-02	1.535E-01	9.113E-05	1.830E-05	9.050E-06	2.029E-05	1.937E-11	5.594E-07	2.060E+04
6.326E-02	1.543E-01	1.052E-04	1.703E-05	7.723E-06	1.854E-05	1.505E-11	4.764E-07	2.080E+04
6.020E-02	1.550E-01	1.212E-04	1.583E-05	6.589E-06	1.692E-05	1.169E-11	4.058E-07	2.100E+04
5.729E-02	1.556E-01	1.394E-04	1.471E-05	5.620E-06	1.543E-05	9.074E-12	3.457E-07	2.120E+04
5.452E-02	1.561E-01	1.599E-04	1.365E-05	4.794E-06	1.407E-05	7.029E-12	2.945E-07	2.140E+04
5.188E-02	1.566E-01	1.830E-04	1.266E-05	4.090E-06	1.281E-05	5.458E-12	2.511E-07	2.160E+04
4.938E-02	1.570E-01	2.092E-04	1.174E-05	3.489E-06	1.166E-05	4.231E-12	2.142E-07	2.180E+04
4.700E-02	1.574E-01	2.385E-04	1.087E-05	2.977E-06	1.051E-05	3.279E-12	1.827E-07	2.200E+04
4.475E-02	1.577E-01	2.716E-04	1.007E-05	2.540E-06	9.647E-06	2.541E-12	1.560E-07	2.220E+04
4.262E-02	1.580E-01	3.086E-04	9.319E-06	2.168E-06	8.768E-06	1.969E-12	1.332E-07	2.240E+04
4.059E-02	1.583E-01	3.501E-04	8.623E-06	1.851E-06	7.967E-06	1.526E-12	1.139E-07	2.260E+04
3.867E-02	1.585E-01	3.956E-04	7.975E-06	1.581E-06	7.237E-06	1.183E-12	9.742E-08	2.280E+04
3.685E-02	1.588E-01	4.485E-04	7.375E-06	1.351E-06	6.573E-06	9.176E-13	8.339E-08	2.300E+04
3.513E-02	1.588E-01	5.064E-04	6.818E-06	1.155E-06	5.959E-06	7.119E-13	7.144E-08	2.320E+04
3.350E-02	1.589E-01	5.708E-04	6.302E-06	9.876E-07	5.420E-06	5.527E-13	6.125E-08	2.340E+04
3.195E-02	1.590E-01	6.426E-04	5.825E-06	8.451E-07	4.921E-06	4.293E-13	5.255E-08	2.360E+04
3.049E-02	1.591E-01	7.222E-04	5.383E-06	7.237E-07	4.468E-06	3.238E-13	4.515E-08	2.380E+04
2.911E-02	1.591E-01	8.105E-04	4.975E-06	6.201E-07	4.058E-06	2.597E-13	3.81E-08	2.400E+04
2.779E-02	1.591E-01	9.083E-04	4.598E-06	5.318E-07	3.685E-06	2.023E-13	3.340E-08	2.420E+04
2.655E-02	1.592E-01	1.016E-03	4.250E-06	4.564E-07	3.347E-06	1.577E-13	2.877E-08	2.440E+04
2.537E-02	1.591E-01	1.136E-03	3.929E-06	3.920E-07	3.041E-06	1.231E-13	2.480E-08	2.460E+04
2.425E-02	1.591E-01	1.268E-03	3.632E-06	3.369E-07	2.764E-06	9.619E-14	2.140E-08	2.480E+04
2.319E-02	1.591E-01	1.413E-03	3.358E-06	2.899E-07	2.512E-06	7.526E-14	1.849E-08	2.500E+04

Table II. - Continued.

P/PO = 5.00E+01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.202E-11	1.760E-18	0.
2.000E+02	0.	1.091E-68	0.	0.	0.	5.280E-11	1.760E-18	0.
3.000E+02	0.	4.725E-47	4.745E-81	0.	0.	4.935E-11	1.760E-18	0.
4.000E+02	0.	3.340E-36	1.214E-63	0.	0.	4.744E-11	1.760E-18	0.
5.000E+02	0.	1.164E-29	3.387E-53	0.	0.	4.978E-11	1.760E-18	0.
6.000E+02	2.273E-95	2.730E-25	3.204E-46	0.	0.	5.104E-11	1.760E-18	3.931E-96
7.000E+02	9.734E-81	3.658E-22	3.134E-41	0.	5.650E-91	5.179E-11	1.760E-18	7.464E-83
8.000E+02	2.257E-69	1.257E-19	1.142E-37	0.	1.524E-78	1.236E-10	1.760E-18	3.783E-72
9.000E+02	1.430E-59	3.538E-17	2.277E-35	0.	1.885E-67	2.155E-09	1.760E-18	6.302E-62
1.000E+03	1.268E-51	3.613E-15	1.420E-33	0.	1.964E-58	2.639E-08	1.760E-18	1.467E-53
1.100E+03	4.159E-45	1.604E-13	4.178E-32	0.	4.764E-51	2.066E-07	1.760E-18	1.046E-46
1.200E+03	1.138E-39	3.792E-12	7.029E-31	0.	6.789E-45	1.147E-06	1.760E-18	5.357E-41
1.300E+03	4.598E-35	5.518E-11	7.688E-30	0.	1.092E-39	4.877E-06	1.760E-18	3.613E-36
1.400E+03	4.130E-31	5.482E-10	5.994E-28	0.	3.166E-35	1.684E-05	1.760E-18	4.967E-32
1.500E+03	1.113E-27	4.013E-09	3.564E-28	0.	2.328E-31	4.920E-05	1.760E-18	1.908E-28
1.600E+03	1.127E-24	2.292E-08	1.700E-27	0.	5.619E-28	1.255E-04	1.760E-18	2.605E-25
1.700E+03	5.091E-22	1.067E-07	6.162E-27	0.	5.414E-25	2.864E-04	1.761E-18	1.515E-22
1.800E+03	1.083E-19	4.185E-07	2.505E-26	0.	2.240E-22	5.953E-04	1.908E-18	3.998E-20
1.900E+03	3.755E-18	1.422E-06	2.834E-25	0.	1.398E-20	1.144E-03	7.193E-18	1.665E-18
2.000E+03	3.722E-17	4.272E-06	6.234E-24	0.	2.335E-19	2.054E-03	5.852E-17	1.931E-17
2.100E+03	2.685E-16	1.156E-05	1.135E-22	0.	2.684E-18	3.481E-03	4.321E-16	1.592E-16
2.200E+03	1.603E-15	2.852E-05	1.608E-21	2.514E-86	2.432E-17	5.609E-03	2.693E-15	1.064E-15
2.300E+03	8.186E-15	4.501E-05	1.816E-20	1.952E-82	1.806E-16	8.642E-03	4.534E-14	5.979E-15
2.400E+03	3.650E-14	1.381E-04	1.681E-19	7.230E-79	1.129E-15	1.279E-02	6.646E-14	2.885E-14
2.500E+03	1.445E-13	2.757E-04	1.304E-18	1.396E-75	6.054E-15	1.827E-02	2.721E-13	1.217E-13
2.600E+03	5.144E-13	5.206E-04	8.657E-18	1.514E-72	2.836E-14	2.524E-02	9.974E-13	4.552E-13
2.700E+03	1.667E-12	9.348E-04	4.997E-17	9.826E-70	1.177E-13	3.382E-02	3.310E-12	1.528E-12
2.800E+03	4.965E-12	1.604E-03	2.546E-16	4.031E-67	4.381E-13	4.487E-02	1.005E-11	4.654E-12
2.900E+03	1.370E-11	2.642E-03	1.159E-15	1.096E-64	1.478E-12	5.591E-02	2.811E-11	1.297E-11
3.000E+03	3.57E-11	4.191E-03	4.767E-15	2.058E-62	4.558E-12	6.918E-02	7.302E-11	3.330E-11
3.100E+03	8.547E-11	6.420E-03	1.788E-14	2.768E-60	1.295E-11	8.357E-02	1.772E-10	7.930E-11
3.200E+03	1.54E-10	9.524E-03	6.170E-14	2.749E-58	3.414E-11	9.880E-02	4.043E-10	1.762E-10
3.300E+03	4.38E-10	1.372E-02	1.973E-13	2.073E-56	8.400E-11	1.141E-01	8.709E-10	3.669E-10
3.400E+03	8.71E-10	1.922E-02	5.885E-13	1.216E-54	1.939E-10	1.291E-01	1.780E-09	7.193E-10
3.500E+03	1.732E-09	2.625E-02	1.647E-12	5.682E-53	4.216E-10	1.432E-01	3.463E-09	1.333E-09
3.600E+03	3.286E-09	3.501E-02	4.348E-12	2.153E-51	8.677E-10	1.559E-01	6.442E-09	2.342E-09
3.700E+03	5.999E-09	4.565E-02	1.088E-11	6.732E-50	1.696E-09	1.667E-01	1.149E-08	3.917E-09
3.800E+03	1.057E-08	5.831E-02	2.592E-11	1.765E-48	3.161E-09	1.751E-01	1.973E-08	6.252E-09
3.900E+03	1.800E-08	7.304E-02	5.899E-11	3.933E-47	5.630E-09	1.810E-01	3.267E-08	9.548E-09
4.000E+03	2.972E-08	8.982E-02	1.288E-10	7.544E-46	9.615E-09	1.841E-01	5.232E-08	1.399E-08
4.100E+03	4.766E-08	1.086E-01	2.704E-10	1.261E-44	1.578E-08	1.845E-01	8.124E-08	1.970E-08
4.200E+03	7.433E-08	1.292E-01	5.477E-10	1.853E-43	2.495E-08	1.822E-01	1.225E-07	2.675E-08
4.300E+03	1.130E-07	1.513E-01	1.073E-09	2.417E-42	3.809E-08	1.775E-01	1.798E-07	3.505E-08
4.400E+03	1.676E-07	1.747E-01	2.037E-09	2.822E-41	5.625E-08	1.706E-01	2.573E-07	4.442E-08
4.500E+03	2.430E-07	1.990E-01	3.756E-09	2.972E-40	8.054E-08	1.618E-01	3.593E-07	5.456E-08
4.600E+03	3.450E-07	2.238E-01	6.738E-09	2.840E-39	1.120E-07	1.517E-01	4.905E-07	6.506E-08
4.700E+03	4.801E-07	2.486E-01	1.178E-08	2.478E-38	1.515E-07	1.406E-01	6.551E-07	7.545E-08
4.800E+03	6.559E-07	2.731E-01	2.008E-08	1.984E-37	1.999E-07	1.289E-01	8.571E-07	8.525E-08
4.900E+03	8.812E-07	2.967E-01	3.346E-08	1.464E-36	2.575E-07	1.169E-01	1.099E-06	9.407E-08
5.000E+03	1.166E-06	3.192E-01	5.448E-08	1.000E-35	3.249E-07	1.051E-01	1.384E-06	1.016E-07
5.100E+03	1.522E-06	3.403E-01	8.681E-08	6.339E-35	4.021E-07	9.363E-02	1.710E-06	1.076E-07
5.200E+03	1.963E-06	3.598E-01	1.354E-07	3.741E-34	4.895E-07	8.283E-02	2.077E-06	1.122E-07
5.300E+03	2.506E-06	3.775E-01	2.070E-07	2.060E-33	5.871E-07	7.282E-02	2.481E-06	1.152E-07
5.400E+03	3.171E-06	3.935E-01	3.099E-07	1.060E-32	6.958E-07	6.368E-02	2.915E-06	1.171E-07
5.500E+03	3.985E-06	4.076E-01	4.550E-07	5.112E-32	8.162E-07	5.546E-02	3.373E-06	1.179E-07
5.600E+03	4.980E-06	4.201E-01	6.552E-07	2.313E-31	9.499E-07	4.815E-02	3.844E-06	1.180E-07
5.700E+03	6.196E-06	4.310E-01	9.257E-07	9.841E-31	1.099E-06	4.172E-02	4.318E-06	1.176E-07
5.800E+03	7.682E-06	4.404E-01	1.284E-06	3.944E-30	1.265E-06	3.611E-02	4.786E-06	1.168E-07
5.900E+03	9.498E-06	4.486E-01	1.751E-06	1.492E-29	1.451E-06	3.125E-02	5.237E-06	1.160E-07
6.000E+03	1.172E-05	4.556E-01	2.347E-06	5.345E-29	1.660E-06	2.705E-02	5.664E-06	1.152E-07
6.100E+03	1.443E-05	4.617E-01	3.097E-06	1.816E-28	1.895E-06	2.343E-02	6.060E-06	1.145E-07
6.200E+03	1.775E-05	4.669E-01	4.025E-06	5.872E-28	2.160E-06	2.033E-02	6.421E-06	1.139E-07
6.300E+03	2.179E-05	4.713E-01	5.160E-06	1.811E-27	2.460E-06	1.767E-02	6.742E-06	1.136E-07
6.400E+03	2.670E-05	4.752E-01	6.529E-06	5.341E-27	2.799E-06	1.540E-02	7.024E-06	1.136E-07
6.500E+03	3.267E-05	4.785E-01	8.163E-06	510E-26	3.181E-06	1.344E-02	7.266E-06	1.138E-07
6.600E+03	3.991E-05	4.815E-01	1.009E-05	4.104E-26	3.612E-06	1.137E-02	7.470E-06	1.142E-07
6.700E+03	4.866E-05	4.841E-01	1.234E-05	1.074E-25	4.099E-06	1.034E-02	7.635E-06	1.150E-07
6.800E+03	5.922E-05	4.864E-01	1.495E-05	2.712E-25	4.648E-06	9.105E-03	7.765E-06	1.160E-07
6.900E+03	7.196E-05	4.885E-01	1.794E-05	6.618E-25	5.269E-06	8.044E-03	7.861E-06	1.174E-07
7.000E+03	8.729E-05	4.906E-01	2.134E-05	1.563E-24	5.970E-06	7.129E-03	7.926E-06	1.192E-07
7.100E+03	1.057E-04	4.925E-01	2.518E-05	3.581E-24	6.762E-06	6.339E-03	7.963E-06	1.213E-07
7.200E+03	1.278E-04	4.945E-01	2.949E-05	7.965E-24	7.658E-06	5.656E-03	7.974E-06	1.238E-07
7.300E+03	1.543E-04	4.965E-01	3.428E-05	1.723E-23	8.671E-06	5.044E-03	7.962E-06	1.267E-07
7.400E+03	1.860E-04	4.986E-01	3.958E-05	3.629E-23	9.818E-06	4.551E-03	7.933E-06	1.301E-07
7.500E+03	2.237E-04	5.009E-01	4.542E-05	7.456E-23	1.111E-05	4.164E-03	7.889E-06	1.339E-07
7.600E+03	2.687E-04	5.034E-01	5.184E-05	1.496E-22	1.258E-05	3.726E-03	7.835E-06	1.383E-07
7.700E+03	3.219E-04	5.062E-01	5.888E-05	2.939E-22	1.423E-05	3.377E-03	7.777E-06	1.432E-07
7.800E+03	3.847E-04	5.093E-01	6.658E-05	5.656E-22	1.609E-05	3.081E-03	7.718E-06	1.486E-07
7.900E+03	4.586E-04	5.128E-01	7.503E-05	1.069E-21	1.817E-05	2.822E-03	7.664E-06	1.546E-07
8.000E+03	5.449E-04	5.167E-01	8.430E-05	1.986E-21	2.049E-05	2.586E-03	7.619E-06	1.610E-07
8.200E+03	7.610E-04	5.258E-01	1.057E-04	6.561E-21	2.593E-05	2.221E-03	7.569E-06	1.753E-07

Table II. - Continued.

P/PO = 5.00E+01

C	C+	C++	C-	C0	CG+	CG2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
7.567E-81	7.500E-82	0.	0.	0.	0.	1.000E+00	0.	7.000E+02
5.139E-67	5.590E-69	0.	0.	0.	0.	1.000E+00	0.	8.000E+02
5.206E-57	4.594E-60	0.	0.	0.	0.	1.000E+00	0.	9.000E+02
3.573E-50	5.043E-35	0.	0.	0.	0.	1.000E+00	0.	1.000E+03
8.486E-45	3.526E-51	0.	0.	0.	0.	1.000E+00	0.	1.100E+03
2.109E-40	4.862E-48	0.	0.	0.	0.	1.000E+00	0.	1.200E+03
9.729E-37	2.019E-45	0.	0.	0.	0.	1.000E+00	0.	1.300E+03
1.228E-33	3.333E-43	0.	0.	0.	0.	1.000E+00	0.	1.400E+03
5.602E-31	2.663E-41	0.	0.	0.	0.	1.000E+00	0.	1.500E+03
1.131E-28	1.191E-39	2.564E-95	1.225E-51	9.841E-05	1.620E-24	9.999E-01	1.443E-40	1.600E+03
1.177E-26	3.319E-38	1.091E-91	5.986E-47	2.511E-04	4.202E-24	9.995E-01	7.831E-38	1.700E+03
7.104E-25	6.284E-37	1.747E-88	8.200E-43	5.729E-04	9.751E-24	9.991E-01	2.026E-35	1.800E+03
2.720E-23	9.313E-36	1.453E-85	3.594E-39	1.191E-03	2.233E-23	9.982E-01	2.827E-33	1.900E+03
7.098E-22	3.655E-34	7.362E-82	1.854E-35	2.288E-03	1.646E-22	9.965E-01	2.346E-31	2.000E+03
1.337E-20	2.456E-32	9.699E-78	2.075E-34	4.112E-03	2.448E-21	9.895E-01	4.564E-28	2.100E+03
1.906E-19	1.228E-30	6.391E-74	1.334E-32	6.974E-03	3.123E-20	9.851E-01	1.200E-26	2.200E+03
2.132E-18	4.267E-29	1.951E-70	5.781E-31	1.125E-02	3.191E-19	9.739E-01	2.370E-25	2.300E+03
1.933E-17	1.143E-27	2.998E-67	1.793E-29	1.735E-02	2.487E-18	9.613E-01	3.644E-24	2.400E+03
1.458E-16	2.293E-26	2.518E-64	4.165E-28	2.572E-02	1.845E-17	9.447E-01	4.492E-23	2.500E+03
9.343E-15	3.615E-25	1.243E-61	7.479E-27	3.681E-02	1.138E-16	9.233E-01	4.550E-22	2.600E+03
5.184E-15	4.645E-24	3.825E-59	1.070E-25	5.099E-02	5.958E-16	8.967E-01	3.969E-21	2.700E+03
2.529E-14	4.937E-23	7.761E-57	1.250E-24	6.858E-02	1.755E-15	8.646E-01	2.811E-20	2.800E+03
1.100E-13	4.440E-22	1.082E-54	1.218E-23	8.974E-02	1.139E-14	8.270E-01	1.773E-19	2.900E+03
4.312E-13	3.437E-21	1.080E-52	1.008E-22	1.145E-01	4.257E-14	7.841E-01	9.835E-19	3.000E+03
1.540E-12	2.324E-20	7.967E-51	7.201E-22	1.425E-01	1.452E-13	7.354E-01	4.838E-18	3.100E+03
5.050E-12	1.390E-19	4.479E-44	4.499E-21	1.736E-01	4.556E-13	6.849E-01	2.158E-17	3.200E+03
1.533E-11	7.460E-19	1.969E-47	2.488E-20	2.069E-01	1.325E-12	6.304E-01	8.708E-17	3.300E+03
4.341E-11	3.618E-18	6.927E-46	1.231E-19	2.418E-01	3.596E-12	5.743E-01	3.217E-16	3.400E+03
1.153E-10	1.602E-17	1.990E-44	5.503E-19	2.774E-01	9.161E-12	1.097E-01	1.977E-15	3.500E+03
2.886E-10	6.533E-17	4.753E-43	2.240E-18	3.127E-01	2.207E-11	5.178E-01	3.476E-15	3.600E+03
6.852E-10	2.471E-16	9.598E-42	8.364E-18	3.469E-01	5.023E-11	4.622E-01	1.030E-14	3.700E+03
1.549E-09	8.726E-16	1.663E-40	2.886E-17	3.790E-01	1.092E-10	3.580E-01	2.674E-14	3.800E+03
3.350E-09	2.896E-15	2.503E-39	9.261E-17	4.080E-01	2.271E-10	3.110E-01	7.588E-14	3.900E+03
6.956E-09	9.080E-15	3.315E-38	2.779E-16	4.350E-01	4.539E-10	2.680E-01	1.906E-13	4.000E+03
1.392E-08	2.704E-14	3.908E-37	7.838E-16	4.580E-01	8.749E-10	2.294E-01	4.578E-13	4.100E+03
2.693E-08	7.687E-14	4.135E-36	2.088E-15	4.775E-01	1.632E-09	1.951E-01	1.056E-12	4.200E+03
5.052E-08	2.094E-13	3.963E-35	5.279E-15	4.935E-01	2.954E-09	1.650E-01	2.350E-12	4.300E+03
9.220E-08	5.488E-13	3.466E-34	1.272E-14	5.062E-01	5.205E-09	1.389E-01	5.065E-12	4.400E+03
1.641E-07	1.389E-12	2.798E-33	2.931E-14	5.158E-01	8.949E-09	1.164E-01	1.061E-11	4.500E+03
2.855E-07	3.403E-12	2.088E-32	6.483E-14	5.227E-01	1.505E-08	9.725E-02	2.166E-11	4.600E+03
4.865E-07	8.098E-12	1.451E-31	1.381E-13	5.272E-01	2.480E-08	8.101E-02	4.325E-11	4.700E+03
8.139E-07	1.876E-11	9.431E-31	2.844E-13	5.298E-01	4.013E-08	6.734E-02	8.465E-11	4.800E+03
1.339E-06	4.243E-11	5.762E-30	5.675E-13	5.308E-01	5.382E-08	5.589E-02	1.628E-10	4.900E+03
2.169E-06	9.357E-11	3.320E-29	1.101E-12	5.305E-01	9.971E-08	4.636E-02	3.081E-10	5.000E+03
3.464E-06	2.020E-10	1.809E-28	2.080E-12	5.293E-01	1.541E-07	3.844E-02	5.748E-10	5.100E+03
5.461E-06	4.280E-10	9.335E-28	3.841E-12	5.276E-01	2.342E-07	3.190E-02	1.058E-09	5.200E+03
8.506E-06	8.862E-10	4.572E-27	6.944E-12	5.255E-01	3.509E-07	2.650E-02	1.922E-09	5.300E+03
1.310E-05	1.797E-09	2.126E-26	1.232E-11	5.231E-01	5.185E-07	2.205E-02	3.451E-09	5.400E+03
1.995E-05	3.570E-09	9.395E-26	2.150E-11	5.208E-01	7.554E-07	1.839E-02	6.102E-09	5.500E+03
3.005E-05	6.945E-09	3.946E-25	3.695E-11	5.185E-01	1.085E-06	1.538E-02	1.072E-08	5.600E+03
4.492E-05	1.322E-08	1.576E-24	6.267E-11	5.163E-01	1.536E-06	1.290E-02	1.856E-08	5.700E+03
6.617E-05	2.465E-08	5.988E-24	1.050E-10	5.143E-01	2.143E-06	1.086E-02	3.175E-08	5.800E+03
9.671E-05	4.497E-08	2.165E-23	1.740E-10	5.125E-01	2.948E-06	9.167E-03	5.364E-07	5.900E+03
1.400E-04	8.031E-08	7.459E-23	2.752E-10	5.108E-01	3.997E-06	7.769E-03	8.950E-07	6.000E+03
2.006E-04	1.404E-07	2.452E-22	4.635E-10	5.093E-01	5.343E-06	6.610E-03	1.475E-07	6.100E+03
2.849E-04	2.406E-07	7.699E-22	7.458E-10	5.080E-01	7.047E-06	5.645E-03	2.401E-07	6.200E+03
4.007E-04	4.041E-07	2.314E-21	1.189E-09	5.067E-01	9.174E-06	4.839E-03	3.860E-07	6.300E+03
5.584E-04	6.677E-07	6.667E-21	1.879E-09	5.056E-01	1.180E-05	4.164E-03	6.129E-07	6.400E+03
7.711E-04	1.077E-06	1.846E-20	2.943E-09	5.044E-01	1.499E-05	3.597E-03	9.613E-07	6.500E+03
1.055E-03	1.710E-06	4.917E-20	4.569E-09	5.033E-01	1.883E-05	3.118E-03	1.489E-06	6.600E+03
1.431E-03	2.671E-06	1.263E-19	7.030E-09	5.021E-01	2.341E-05	2.712E-03	2.279E-06	6.700E+03
1.926E-03	4.102E-06	3.132E-19	1.072E-08	5.009E-01	2.880E-05	2.367E-03	3.445E-06	6.800E+03
2.569E-03	5.201E-06	7.509E-19	1.621E-08	4.994E-01	3.509E-05	2.072E-03	5.143E-06	6.900E+03
3.397E-03	9.223E-06	1.743E-18	2.730E-08	4.978E-01	4.234E-05	1.819E-03	7.586E-06	7.000E+03
4.455E-03	1.353E-05	3.921E-18	4.010E-08	4.958E-01	5.062E-05	1.602E-03	1.105E-05	7.100E+03
5.794E-03	1.953E-05	8.560E-18	5.319E-08	4.935E-01	5.997E-05	1.414E-03	1.589E-05	7.200E+03
7.472E-03	2.780E-05	1.815E-17	7.768E-08	4.907E-01	7.043E-05	1.251E-03	2.256E-05	7.300E+03
9.556E-03	3.900E-05	3.759E-17	1.125E-07	4.873E-01	8.198E-05	1.109E-03	3.160E-05	7.400E+03
1.212E-02	5.395E-05	7.497E-17	1.614E-07	4.832E-01	9.461E-05	9.844E-04	4.367E-05	7.500E+03
1.523E-02	7.364E-05	1.464E-16	2.294E-07	4.783E-01	1.083E-04	8.751E-04	5.948E-05	7.600E+03
1.898E-02	9.913E-05	2.787E-16	3.230E-07	4.724E-01	1.229E-04	7.786E-04	7.985E-05	7.700E+03
2.344E-02	1.317E-04	5.177E-16	4.503E-07	4.654E-01	1.384E-04	6.931E-04	1.055E-04	7.800E+03
2.868E-02	1.727E-04	9.397E-16	6.210E-07	4.573E-01	1.546E-04	6.172E-04	1.373E-04	7.900E+03
3.476E-02	2.237E-04	1.668E-15	8.469E-07	4.479E-01	1.713E-04	5.493E-04	1.758E-04	8.000E+03
4.173E-02	2.862E-04	2.900E-15	1.141E-06	4.371E-01	1.985E-04	4.341E-04	2.737E-04	8.100E+03
5.038E-02	4.522E-04	8.267E-15	1.997E-06	4.114E-01	2.222E-04			8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.046E-03	5.364E-01	1.320E-04	2.063E-20	3.249E-05	1.928E-03	7.590E-06	1.911E-07
8.600E+03	1.411E-03	5.484E-01	1.643E-04	6.224E-20	4.020E-05	1.604E-03	7.694E-06	2.076E-07
8.800E+03	1.867E-03	5.613E-01	2.044E-04	1.816E-19	4.902E-05	1.503E-03	7.881E-06	2.241E-07
9.000E+03	2.424E-03	5.743E-01	2.541E-04	5.138E-19	5.882E-05	1.344E-03	8.145E-06	2.396E-07
9.200E+03	3.090E-03	5.869E-01	3.156E-04	1.413E-18	6.940E-05	1.206E-03	8.475E-06	2.530E-07
9.400E+03	3.870E-03	5.986E-01	3.912E-04	3.777E-18	8.056E-05	1.085E-03	8.857E-06	2.638E-07
9.600E+03	4.771E-03	6.090E-01	4.835E-04	9.823E-18	9.206E-05	9.765E-04	9.281E-06	2.715E-07
9.800E+03	5.798E-03	6.179E-01	5.954E-04	2.486E-17	1.037E-04	8.792E-04	9.734E-06	2.761E-07
1.000E+04	6.958E-03	6.252E-01	7.299E-04	6.119E-17	1.153E-04	7.915E-04	1.021E-05	2.777E-07
1.020E+04	8.258E-03	6.310E-01	8.906E-04	1.465E-16	1.268E-04	7.124E-04	1.070E-05	2.767E-07
1.040E+04	9.705E-03	6.354E-01	1.081E-03	3.416E-16	1.381E-04	6.414E-04	1.120E-05	2.734E-07
1.060E+04	1.131E-02	6.387E-01	1.305E-03	7.752E-16	1.491E-04	5.778E-04	1.171E-05	2.685E-07
1.080E+04	1.307E-02	6.409E-01	1.568E-03	1.714E-15	1.598E-04	5.209E-04	1.222E-05	2.622E-07
1.100E+04	1.501E-02	6.422E-01	1.873E-03	3.696E-15	1.702E-04	4.701E-04	1.274E-05	2.550E-07
1.120E+04	1.713E-02	6.428E-01	2.226E-03	7.775E-15	1.802E-04	4.249E-04	1.326E-05	2.471E-07
1.140E+04	1.944E-02	6.427E-01	2.632E-03	1.598E-14	1.900E-04	3.845E-04	1.379E-05	2.388E-07
1.160E+04	2.195E-02	6.420E-01	3.097E-03	3.209E-14	1.994E-04	3.486E-04	1.431E-05	2.292E-07
1.180E+04	2.467E-02	6.409E-01	3.626E-03	6.307E-14	2.085E-04	3.165E-04	1.484E-05	2.215E-07
1.200E+04	2.760E-02	6.393E-01	4.227E-03	1.214E-13	2.172E-04	2.878E-04	1.537E-05	2.128E-07
1.220E+04	3.075E-02	6.372E-01	4.906E-03	2.291E-13	2.255E-04	2.621E-04	1.589E-05	2.041E-07
1.240E+04	3.412E-02	6.348E-01	5.669E-03	4.241E-13	2.335E-04	2.390E-04	1.641E-05	1.954E-07
1.260E+04	3.773E-02	6.321E-01	6.525E-03	7.710E-13	2.410E-04	2.183E-04	1.693E-05	1.869E-07
1.280E+04	4.158E-02	6.290E-01	7.480E-03	1.377E-12	2.480E-04	1.986E-04	1.744E-05	1.786E-07
1.300E+04	4.564E-02	6.255E-01	8.543E-03	2.420E-12	2.545E-04	1.828E-04	1.795E-05	1.704E-07
1.320E+04	4.998E-02	6.217E-01	9.720E-03	4.184E-12	2.607E-04	1.675E-04	1.845E-05	1.624E-07
1.340E+04	5.455E-02	6.176E-01	1.102E-02	7.124E-12	2.663E-04	1.537E-04	1.894E-05	1.545E-07
1.360E+04	5.936E-02	6.132E-01	1.245E-02	1.196E-11	2.714E-04	1.411E-04	1.941E-05	1.469E-07
1.380E+04	6.442E-02	6.084E-01	1.403E-02	1.978E-11	2.759E-04	1.297E-04	1.987E-05	1.394E-07
1.400E+04	6.971E-02	6.033E-01	1.575E-02	3.230E-11	2.798E-04	1.192E-04	2.032E-05	1.322E-07
1.420E+04	7.524E-02	5.978E-01	1.763E-02	5.205E-11	2.832E-04	1.097E-04	2.075E-05	1.251E-07
1.440E+04	8.101E-02	5.920E-01	1.967E-02	8.285E-11	2.860E-04	1.009E-04	2.115E-05	1.183E-07
1.460E+04	8.701E-02	5.859E-01	2.189E-02	1.303E-10	2.882E-04	9.280E-05	2.153E-05	1.117E-07
1.480E+04	9.323E-02	5.794E-01	2.428E-02	2.026E-10	2.897E-04	8.552E-05	2.189E-05	1.053E-07
1.500E+04	9.967E-02	5.726E-01	2.687E-02	3.116E-10	2.907E-04	7.873E-05	2.221E-05	9.904E-08
1.520E+04	1.063E-01	5.654E-01	2.965E-02	4.741E-10	2.910E-04	7.246E-05	2.251E-05	9.304E-08
1.540E+04	1.132E-01	5.579E-01	3.263E-02	7.141E-10	2.908E-04	6.669E-05	2.277E-05	8.725E-08
1.560E+04	1.202E-01	5.501E-01	3.581E-02	1.065E-09	2.899E-04	6.135E-05	2.300E-05	8.168E-08
1.580E+04	1.274E-01	5.419E-01	3.920E-02	1.573E-09	2.884E-04	5.642E-05	2.318E-05	7.632E-08
1.600E+04	1.349E-01	5.334E-01	4.281E-02	2.301E-09	2.864E-04	5.185E-05	2.333E-05	7.118E-08
1.620E+04	1.424E-01	5.246E-01	4.664E-02	3.337E-09	2.837E-04	4.763E-05	2.344E-05	6.625E-08
1.640E+04	1.501E-01	5.154E-01	5.068E-02	4.798E-09	2.806E-04	4.371E-05	2.350E-05	6.154E-08
1.660E+04	1.580E-01	5.059E-01	5.493E-02	6.841E-09	2.769E-04	4.009E-05	2.351E-05	5.704E-08
1.680E+04	1.660E-01	4.962E-01	5.941E-02	9.673E-09	2.727E-04	3.673E-05	2.347E-05	5.276E-08
1.700E+04	1.741E-01	4.861E-01	6.409E-02	1.357E-08	2.680E-04	3.362E-05	2.339E-05	4.870E-08
1.720E+04	1.823E-01	4.758E-01	6.899E-02	1.889E-08	2.628E-04	3.073E-05	2.326E-05	4.484E-08
1.740E+04	1.905E-01	4.652E-01	7.408E-02	2.610E-08	2.572E-04	2.806E-05	2.308E-05	4.120E-08
1.760E+04	1.989E-01	4.543E-01	7.937E-02	3.581E-08	2.513E-04	2.559E-05	2.285E-05	3.776E-08
1.780E+04	2.073E-01	4.433E-01	8.485E-02	4.878E-08	2.449E-04	2.331E-05	2.257E-05	3.453E-08
1.800E+04	2.157E-01	4.320E-01	9.050E-02	6.598E-08	2.383E-04	2.120E-05	2.224E-05	3.150E-08
1.820E+04	2.242E-01	4.206E-01	9.631E-02	8.867E-08	2.313E-04	1.925E-05	2.187E-05	2.866E-08
1.840E+04	2.327E-01	4.090E-01	1.023E-01	1.184E-07	2.241E-04	1.745E-05	2.145E-05	2.601E-08
1.860E+04	2.411E-01	3.972E-01	1.084E-01	1.570E-07	2.167E-04	1.580E-05	2.099E-05	2.354E-08
1.880E+04	2.496E-01	3.854E-01	1.146E-01	2.071E-07	2.091E-04	1.428E-05	2.049E-05	2.126E-08
1.900E+04	2.580E-01	3.735E-01	1.209E-01	2.714E-07	2.014E-04	1.288E-05	1.996E-05	1.915E-08
1.920E+04	2.663E-01	3.616E-01	1.273E-01	3.536E-07	1.936E-04	1.160E-05	1.939E-05	1.720E-08
1.940E+04	2.746E-01	3.496E-01	1.337E-01	4.582E-07	1.857E-04	1.043E-05	1.879E-05	1.544E-08
1.960E+04	2.828E-01	3.376E-01	1.403E-01	5.904E-07	1.778E-04	9.359E-06	1.817E-05	1.377E-08
1.980E+04	2.909E-01	3.257E-01	1.468E-01	7.566E-07	1.699E-04	8.384E-06	1.753E-05	1.227E-08
2.000E+04	2.989E-01	3.139E-01	1.533E-01	9.647E-07	1.620E-04	7.498E-06	1.687E-05	1.091E-08
2.020E+04	3.068E-01	3.021E-01	1.598E-01	1.224E-06	1.542E-04	6.694E-06	1.619E-05	9.673E-09
2.040E+04	3.145E-01	2.905E-01	1.663E-01	1.545E-06	1.465E-04	5.965E-06	1.551E-05	8.556E-09
2.060E+04	3.221E-01	2.790E-01	1.728E-01	1.941E-06	1.390E-04	5.307E-06	1.483E-05	7.549E-09
2.080E+04	3.295E-01	2.677E-01	1.792E-01	2.427E-06	1.316E-04	4.713E-06	1.414E-05	6.645E-09
2.100E+04	3.367E-01	2.566E-01	1.855E-01	3.021E-06	1.242E-04	4.179E-06	1.346E-05	5.835E-09
2.120E+04	3.438E-01	2.457E-01	1.916E-01	3.744E-06	1.173E-04	3.700E-06	1.278E-05	5.113E-09
2.140E+04	3.506E-01	2.351E-01	1.977E-01	4.620E-06	1.105E-04	3.270E-06	1.211E-05	4.470E-09
2.160E+04	3.573E-01	2.247E-01	2.037E-01	5.677E-06	1.040E-04	2.886E-06	1.146E-05	3.899E-09
2.180E+04	3.637E-01	2.146E-01	2.095E-01	6.949E-06	9.764E-05	2.544E-06	1.081E-05	3.395E-09
2.200E+04	3.700E-01	2.048E-01	2.151E-01	8.472E-06	9.158E-05	2.239E-06	1.019E-05	2.950E-09
2.220E+04	3.760E-01	1.952E-01	2.206E-01	1.029E-05	8.577E-05	1.968E-06	9.590E-06	2.559E-09
2.240E+04	3.818E-01	1.860E-01	2.260E-01	1.245E-05	8.023E-05	1.728E-06	9.008E-06	2.216E-09
2.260E+04	3.874E-01	1.772E-01	2.311E-01	1.501E-05	7.496E-05	1.516E-06	8.449E-06	1.916E-09
2.280E+04	3.928E-01	1.686E-01	2.361E-01	1.804E-05	6.995E-05	1.329E-06	7.913E-06	1.654E-09
2.300E+04	3.980E-01	1.603E-01	2.409E-01	2.160E-05	6.521E-05	1.163E-06	7.400E-06	1.426E-09
2.320E+04	4.030E-01	1.524E-01	2.455E-01	2.578E-05	6.073E-05	1.018E-06	6.913E-06	1.228E-09
2.340E+04	4.077E-01	1.448E-01	2.499E-01	3.067E-05	5.651E-05	8.896E-07	6.453E-06	1.066E-09
2.360E+04	4.123E-01	1.376E-01	2.541E-01	3.637E-05	5.254E-05	7.772E-07	6.011E-06	9.278E-10
2.380E+04	4.166E-01	1.306E-01	2.582E-01	4.301E-05	4.881E-05	6.787E-07	5.597E-06	8.045E-10
2.400E+04	4.208E-01	1.240E-01	2.620E-01	5.070E-05	4.532E-05	5.924E-07	5.205E-06	7.047E-10
2.420E+04	4.248E-01	1.177E-01	2.657E-01	5.961E-05	4.205E-05	5.170E-07	4.839E-06	6.23E-10
2.440E+04	4.286E-01	1.117E-01	2.692E-01	6.988E-05	3.899E-05	4.510E-07	4.495E-06	5.513E-10
2.460E+04	4.322E-01	1.059E-01	2.725E-01	8.169E-05	3.614E-05	3.934E-07	4.172E-06	4.209E-10
2.480E+04	4.356E-01	1.005E-01	2.756E-01	9.526E-05	3.349E-05	3.431E-07	3.871E-06	3.646E-10
2.500E+04	4.389E-01	9.532E-02	2.786E-01	1.108E-04	3.102E-05	2.993E-07	3.589E-06	3.086E-10

Table II. - Continued.

C	C+	C++	C-	CO	CC+	CO2	C2	T
7.848E-02	6.839E-04	2.197E-14	3.316E-03	3.803E-01	2.582E-04	3.419E-04	3.977E-04	8.400E+03
1.014E-01	9.935E-04	5.451E-14	5.213E-06	3.445E-01	2.910E-04	2.654E-04	5.391E-04	6.600E+03
1.262E-01	1.391E-03	1.300E-13	7.766E-06	3.063E-01	3.204E-04	2.043E-04	6.836E-04	8.800E+03
1.515E-01	1.886E-03	2.933E-13	1.099E-05	2.689E-01	3.459E-04	1.553E-04	8.146E-04	9.000E+03
1.762E-01	2.484E-03	6.340E-13	1.482E-05	2.282E-01	3.663E-04	1.165E-04	9.177E-04	9.200E+03
1.993E-01	3.186E-03	1.219E-12	1.915E-05	1.920E-01	3.813E-04	8.630E-05	9.844E-04	9.400E+03
2.199E-01	4.003E-03	2.651E-12	2.383E-05	1.593E-01	3.910E-04	6.327E-05	1.013E-03	9.500E+03
2.377E-01	4.930E-03	5.161E-12	2.871E-05	1.307E-01	3.959E-04	4.599E-05	1.005E-03	9.800E+03
2.525E-01	5.971E-03	9.761E-12	3.364E-05	1.063E-01	3.965E-04	3.324E-05	9.713E-04	1.000E+04
2.645E-01	7.129E-03	1.797E-11	3.853E-05	8.599E-02	3.937E-04	2.393E-05	9.172E-04	1.020E+04
2.740E-01	8.406E-03	3.228E-11	4.328E-05	6.932E-02	3.883E-04	1.722E-05	8.510E-04	1.040E+04
2.811E-01	9.806E-03	5.664E-11	4.785E-05	5.581E-02	3.803E-04	1.239E-05	7.792E-04	1.060E+04
2.864E-01	1.133E-02	9.728E-11	5.221E-05	4.494E-02	3.719E-04	8.944E-06	7.063E-04	1.080E+04
2.900E-01	1.299E-02	1.637E-10	5.634E-05	3.623E-02	3.620E-04	6.478E-06	6.355E-04	1.100E+04
2.922E-01	1.478E-02	2.775E-10	6.013E-05	2.928E-02	3.516E-04	4.713E-06	5.687E-04	1.120E+04
2.933E-01	1.671E-02	4.348E-10	6.388E-05	2.373E-02	3.408E-04	3.447E-06	5.069E-04	1.140E+04
2.935E-01	1.878E-02	7.001E-10	6.729E-05	1.930E-02	3.299E-04	2.535E-06	4.506E-04	1.160E+04
2.928E-01	2.099E-02	1.099E-09	7.045E-05	1.575E-02	3.190E-04	1.875E-06	3.998E-04	1.180E+04
2.914E-01	2.334E-02	1.700E-09	7.331E-05	1.291E-02	3.082E-04	1.394E-06	3.542E-04	1.200E+04
2.895E-01	2.583E-02	2.593E-09	7.603E-05	1.062E-02	2.975E-04	1.043E-06	3.135E-04	1.220E+04
2.870E-01	2.846E-02	3.901E-09	7.843E-05	8.763E-03	2.870E-04	7.844E-07	2.773E-04	1.240E+04
2.841E-01	3.123E-02	5.733E-09	8.057E-05	7.260E-03	2.768E-04	5.931E-07	2.451E-04	1.260E+04
2.808E-01	3.414E-02	8.497E-09	8.245E-05	6.037E-03	2.667E-04	4.507E-07	2.156E-04	1.280E+04
2.771E-01	3.718E-02	1.232E-08	8.406E-05	5.036E-03	2.569E-04	3.441E-07	1.913E-04	1.300E+04
2.730E-01	4.034E-02	1.766E-08	8.540E-05	4.215E-03	2.473E-04	2.640E-07	1.690E-04	1.320E+04
2.687E-01	4.363E-02	2.505E-08	8.646E-05	3.539E-03	2.379E-04	2.033E-07	1.491E-04	1.340E+04
2.641E-01	4.702E-02	3.716E-08	8.725E-05	2.980E-03	2.287E-04	1.572E-07	1.316E-04	1.360E+04
2.593E-01	5.051E-02	4.887E-08	8.777E-05	2.515E-03	2.197E-04	1.220E-07	1.160E-04	1.380E+04
2.542E-01	5.414E-02	6.729E-08	8.805E-05	2.129E-03	2.109E-04	9.501E-08	1.022E-04	1.400E+04
2.490E-01	5.777E-02	9.415E-08	8.815E-05	1.806E-03	2.023E-04	7.421E-08	9.001E-05	1.420E+04
2.435E-01	6.142E-02	1.142E-07	8.815E-05	1.535E-03	1.938E-04	5.812E-08	7.921E-05	1.440E+04
2.375E-01	6.518E-02	1.376E-07	8.777E-05	1.308E-03	1.856E-04	4.564E-08	6.965E-05	1.460E+04
2.312E-01	6.904E-02	1.621E-07	8.638E-05	1.116E-03	1.775E-04	3.592E-08	6.119E-05	1.480E+04
2.248E-01	7.299E-02	1.872E-07	8.537E-05	9.535E-04	1.695E-04	2.833E-08	5.370E-05	1.500E+04
2.184E-01	7.704E-02	2.127E-07	8.414E-05	8.161E-04	1.618E-04	2.238E-08	4.709E-05	1.520E+04
2.119E-01	8.119E-02	2.390E-07	8.270E-05	6.994E-04	1.542E-04	1.771E-08	4.125E-05	1.540E+04
2.054E-01	8.544E-02	2.664E-07	8.108E-05	6.001E-04	1.468E-04	1.403E-08	3.609E-05	1.560E+04
1.989E-01	8.979E-02	2.939E-07	7.929E-05	5.154E-04	1.395E-04	1.113E-08	3.155E-05	1.580E+04
1.924E-01	9.414E-02	3.219E-07	7.734E-05	4.430E-04	1.325E-04	8.840E-09	2.754E-05	1.600E+04
1.859E-01	9.859E-02	3.504E-07	7.525E-05	3.812E-04	1.257E-04	7.024E-09	2.402E-05	1.620E+04
1.794E-01	1.030E-01	3.794E-07	7.304E-05	3.281E-04	1.190E-04	5.585E-09	2.097E-05	1.640E+04
1.729E-01	1.070E-01	4.084E-07	7.073E-05	2.826E-04	1.125E-04	4.443E-09	1.820E-05	1.660E+04
1.664E-01	1.110E-01	4.374E-07	6.834E-05	2.435E-04	1.062E-04	3.555E-09	1.582E-05	1.680E+04
1.599E-01	1.150E-01	4.664E-07	6.589E-05	2.099E-04	1.002E-04	2.813E-09	1.373E-05	1.700E+04
1.534E-01	1.189E-01	4.954E-07	6.336E-05	1.810E-04	9.431E-05	2.239E-09	1.151E-05	1.720E+04
1.469E-01	1.229E-01	5.244E-07	6.084E-05	1.561E-04	8.865E-05	1.781E-09	1.032E-05	1.740E+04
1.404E-01	1.268E-01	5.534E-07	5.829E-05	1.346E-04	8.321E-05	1.417E-09	8.927E-06	1.760E+04
1.339E-01	1.307E-01	5.824E-07	5.573E-05	1.161E-04	7.799E-05	1.126E-09	7.715E-06	1.780E+04
1.274E-01	1.346E-01	6.114E-07	5.318E-05	1.001E-04	7.258E-05	8.953E-10	6.644E-06	1.800E+04
1.209E-01	1.385E-01	6.404E-07	5.065E-05	8.636E-05	6.820E-05	7.111E-10	5.749E-06	1.820E+04
1.144E-01	1.424E-01	6.694E-07	4.816E-05	7.446E-05	6.363E-05	5.645E-10	4.956E-06	1.840E+04
1.079E-01	1.463E-01	6.984E-07	4.571E-05	6.419E-05	5.928E-05	4.478E-10	4.268E-06	1.860E+04
1.014E-01	1.502E-01	7.274E-07	4.331E-05	5.533E-05	5.515E-05	3.549E-10	3.673E-06	1.880E+04
9.489E-02	1.541E-01	7.564E-07	4.097E-05	4.767E-05	5.123E-05	2.811E-10	3.159E-06	1.900E+04
8.834E-02	1.580E-01	7.854E-07	3.870E-05	4.106E-05	4.753E-05	2.224E-10	2.715E-06	1.920E+04
8.179E-02	1.619E-01	8.144E-07	3.650E-05	3.536E-05	4.403E-05	1.759E-10	2.332E-06	1.940E+04
7.524E-02	1.658E-01	8.434E-07	3.438E-05	3.044E-05	4.074E-05	1.389E-10	2.002E-06	1.960E+04
6.869E-02	1.697E-01	8.724E-07	3.233E-05	2.205E-05	3.764E-05	1.096E-10	1.718E-06	1.980E+04
6.214E-02	1.736E-01	9.014E-07	3.037E-05	2.254E-05	3.474E-05	8.644E-11	1.474E-06	2.000E+04
5.559E-02	1.775E-01	9.304E-07	2.849E-05	1.939E-05	3.202E-05	7.809E-11	1.264E-06	2.020E+04
4.904E-02	1.814E-01	9.594E-07	2.670E-05	1.667E-05	2.948E-05	6.960E-11	1.063E-06	2.040E+04
4.249E-02	1.853E-01	9.884E-07	2.499E-05	1.433E-05	2.711E-05	6.215E-11	9.285E-07	2.060E+04
3.594E-02	1.892E-01	1.017E-06	2.336E-05	1.232E-05	2.491E-05	5.312E-11	7.936E-07	2.080E+04
2.939E-02	1.931E-01	1.046E-06	2.182E-05	1.058E-05	2.286E-05	4.601E-11	6.820E-07	2.100E+04
2.284E-02	1.970E-01	1.075E-06	2.037E-05	9.090E-06	2.097E-05	4.041E-11	5.845E-07	2.120E+04
1.629E-02	2.009E-01	1.104E-06	1.899E-05	7.808E-06	1.921E-05	3.501E-11	5.010E-07	2.140E+04
9.744E-03	2.048E-01	1.133E-06	1.769E-05	6.706E-06	1.759E-05	3.051E-11	4.295E-07	2.160E+04
9.089E-03	2.087E-01	1.162E-06	1.647E-05	5.759E-06	1.609E-05	2.601E-11	3.683E-07	2.180E+04
8.434E-03	2.126E-01	1.191E-06	1.532E-05	4.945E-06	1.471E-05	2.252E-11	3.159E-07	2.200E+04
7.779E-03	2.165E-01	1.220E-06	1.425E-05	4.277E-06	1.344E-05	1.926E-11	2.711E-07	2.220E+04
7.124E-03	2.204E-01	1.249E-06	1.324E-05	3.648E-06	1.228E-05	1.717E-11	2.327E-07	2.240E+04
6.469E-03	2.243E-01	1.278E-06	1.230E-05	3.134E-06	1.121E-05	1.508E-11	1.999E-07	2.260E+04
5.814E-03	2.282E-01	1.307E-06	1.142E-05	2.692E-06	1.022E-05	1.299E-11	1.717E-07	2.280E+04
5.159E-03	2.321E-01	1.336E-06	1.060E-05	2.314E-06	9.77E-06	1.122E-11	1.477E-07	2.300E+04
4.504E-03	2.360E-01	1.365E-06	9.831E-06	1.989E-06	8.505E-06	1.001E-11	1.270E-07	2.320E+04
3.849E-03	2.399E-01	1.394E-06	9.118E-06	1.710E-06	7.754E-06	8.844E-12	1.094E-07	2.340E+04
3.194E-03	2.438E-01	1.423E-06	8.456E-06	1.472E-06	7.069E-06	7.844E-12	9.424E-08	2.360E+04
2.539E-03	2.477E-01	1.452E-06	7.840E-06	1.267E-06	6.442E-06	7.069E-12	8.125E-08	2.380E+04
1.884E-03	2.516E-01	1.481E-06	7.258E-06	1.091E-06	5.873E-06	6.282E-12	7.011E-08	2.400E+04
1.229E-03	2.555E-01	1.510E-06	6.737E-06	9.397E-07	5.353E-06	5.545E-12	6.054E-08	2.420E+04
5.744E-04	2.594E-01	1.539E-06	6.244E-06	8.101E-07	4.879E-06	4.120E-12	5.232E-08	2.440E+04
5.089E-04	2.633E-01	1.568E-06	5.788E-06	6.989E-07	4.447E-06	3.239E-12	4.526E-08	2.460E+04
4.434E-04	2.672E-01	1.597E-06	5.365E-06	6.033E-07	4.054E-06	2.548E-12	3.918E-08	2.480E+04
3.779E-04	2.711E-01	1.626E-06	4.974E-06	5.211E-07	3.697E-06	2.007E-12	3.395E-08	2.500E+04



Table II. - Continued.

P/P0 = 6.00E+01

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.640E-11	1.760E-18	0.
2.000E+02	0.	1.002E-68	0.	0.	0.	5.353E-11	1.760E-18	0.
3.000E+02	0.	4.318E-47	4.327E-81	0.	0.	4.946E-11	1.760E-18	0.
4.000E+02	0.	3.151E-36	1.073E-63	0.	0.	5.065E-11	1.760E-18	0.
5.000E+02	0.	1.049E-29	3.134E-53	0.	0.	4.845E-11	1.760E-18	0.
6.000E+02	1.854E-95	2.465E-25	2.957E-46	0.	0.	4.995E-11	1.760E-18	3.767E-96
7.000E+02	7.598E-81	3.232E-22	2.957E-41	0.	4.676E-91	4.851E-11	1.760E-18	6.532E-83
8.000E+02	1.806E-69	1.125E-19	1.064E-37	0.	1.310E-78	1.187E-10	1.760E-18	3.491E-72
9.000E+02	1.121E-59	3.133E-17	2.142E-35	0.	1.571E-67	2.028E-09	1.760E-18	5.582E-62
1.000E+03	9.944E-52	3.199E-15	1.336E-33	0.	1.637E-58	2.484E-08	1.760E-18	1.300E-53
1.100E+03	3.261E-45	1.420E-13	3.932E-32	0.	3.961E-51	1.945E-07	1.760E-18	9.262E-47
1.200E+03	8.923E-40	3.358E-12	6.614E-31	0.	5.657E-45	1.079E-06	1.760E-18	4.743E-41
1.300E+03	3.606E-35	4.886E-11	7.235E-30	0.	9.103E-40	4.590E-06	1.760E-18	3.200E-36
1.400E+03	3.239E-31	4.855E-10	5.641E-29	0.	2.638E-35	1.585E-05	1.760E-18	4.398E-32
1.500E+03	8.729E-28	3.554E-09	3.354E-28	0.	1.940E-31	4.630E-05	1.760E-18	1.690E-28
1.600E+03	8.838E-25	2.030E-08	1.600E-27	0.	4.683E-28	1.181E-04	1.760E-18	2.307E-25
1.700E+03	3.993E-22	9.446E-08	6.339E-27	0.	4.512E-25	2.695E-04	1.760E-18	1.342E-22
1.800E+03	8.612E-20	3.706E-07	2.325E-26	0.	1.893E-22	5.602E-04	1.882E-18	3.590E-20
1.900E+03	3.213E-18	1.259E-06	2.451E-25	0.	1.271E-20	1.076E-03	6.703E-18	1.609E-18
2.000E+03	3.221E-17	3.784E-06	5.326E-24	0.	2.148E-19	1.933E-03	5.705E-17	1.887E-17
2.100E+03	2.322E-16	1.024E-05	9.686E-23	0.	2.467E-18	3.278E-03	3.920E-16	1.556E-16
2.200E+03	1.384E-15	2.527E-05	1.374E-21	2.073E-86	2.233E-17	5.282E-03	2.447E-15	1.039E-15
2.300E+03	7.061E-15	5.761E-05	1.555E-20	1.614E-82	1.657E-16	8.142E-03	1.306E-14	5.831E-15
2.400E+03	3.145E-14	1.224E-04	1.441E-19	5.994E-79	1.034E-15	1.206E-02	6.059E-14	2.812E-14
2.500E+03	1.244E-13	2.445E-04	1.119E-18	1.160E-75	5.546E-15	1.723E-02	2.484E-13	1.186E-13
2.600E+03	4.427E-13	4.618E-04	7.437E-18	1.259E-72	2.598E-14	2.383E-02	9.120E-13	4.439E-13
2.700E+03	1.434E-12	8.298E-04	4.296E-17	8.181E-70	1.079E-13	3.188E-02	3.032E-12	1.492E-12
2.800E+03	4.272E-12	1.425E-03	2.190E-16	3.356E-67	4.019E-13	4.173E-02	9.215E-12	4.551E-12
2.900E+03	1.180E-11	2.350E-03	9.978E-16	9.138E-65	1.357E-12	5.385E-02	2.582E-11	1.271E-11
3.000E+03	3.041E-11	3.731E-03	4.106E-15	1.715E-62	4.193E-12	6.579E-02	6.719E-11	3.273E-11
3.100E+03	7.357E-11	5.723E-03	1.541E-14	2.306E-60	1.194E-11	7.970E-02	1.634E-10	7.823E-11
3.200E+03	1.686E-10	8.503E-03	5.319E-14	2.288E-58	3.157E-11	9.441E-02	3.735E-10	1.745E-10
3.300E+03	3.663E-10	1.227E-02	1.701E-13	1.724E-56	7.793E-11	1.095E-01	8.061E-10	3.653E-10
3.400E+03	7.586E-10	1.722E-02	5.075E-13	1.009E-54	1.805E-10	1.244E-01	1.651E-09	7.203E-10
3.500E+03	1.503E-09	2.358E-02	1.420E-12	4.707E-53	3.943E-10	1.386E-01	3.219E-09	1.343E-09
3.600E+03	2.859E-09	3.151E-02	3.750E-12	1.779E-51	8.155E-10	1.517E-01	6.002E-09	2.378E-09
3.700E+03	5.233E-09	4.121E-02	9.382E-12	5.546E-50	1.603E-09	1.630E-01	1.073E-08	4.009E-09
3.800E+03	9.247E-09	5.278E-02	2.234E-11	1.449E-48	3.004E-09	1.722E-01	1.847E-08	6.453E-09
3.900E+03	1.581E-08	6.630E-02	5.084E-11	3.217E-47	5.385E-09	1.780E-01	3.067E-08	9.948E-09
4.000E+03	2.619E-08	8.180E-02	1.109E-10	6.145E-46	9.259E-09	1.892E-01	4.925E-08	1.472E-08
4.100E+03	4.216E-08	9.923E-02	2.328E-10	1.022E-44	1.531E-08	1.848E-01	7.668E-08	2.096E-08
4.200E+03	6.603E-08	1.185E-01	4.712E-10	1.495E-43	2.479E-08	1.899E-01	1.160E-07	2.877E-08
4.300E+03	1.008E-07	1.393E-01	9.224E-10	1.941E-42	3.754E-08	1.804E-01	1.708E-07	3.816E-08
4.400E+03	1.502E-07	1.615E-01	1.750E-09	2.254E-41	5.593E-08	1.747E-01	2.452E-07	4.898E-08
4.500E+03	2.189E-07	1.847E-01	3.225E-09	2.361E-40	8.079E-08	1.673E-01	3.436E-07	6.095E-08
4.600E+03	3.122E-07	2.086E-01	5.782E-09	2.244E-39	1.134E-07	1.582E-01	4.708E-07	7.367E-08
4.700E+03	4.367E-07	2.328E-01	1.010E-08	1.948E-38	1.548E-07	1.479E-01	6.313E-07	8.662E-08
4.800E+03	5.995E-07	2.568E-01	1.722E-08	1.551E-37	2.062E-07	1.368E-01	8.296E-07	9.927E-08
4.900E+03	8.093E-07	2.804E-01	2.869E-08	1.140E-36	2.682E-07	1.253E-01	1.069E-06	1.111E-07
5.000E+03	1.076E-06	3.031E-01	4.673E-08	7.730E-36	3.414E-07	1.196E-01	1.352E-06	1.216E-07
5.100E+03	1.410E-06	3.246E-01	7.451E-08	4.896E-35	4.263E-07	1.022E-01	1.680E-06	1.306E-07
5.200E+03	1.824E-06	3.447E-01	1.164E-07	2.882E-34	5.229E-07	9.125E-02	2.052E-06	1.378E-07
5.300E+03	2.335E-06	3.633E-01	1.781E-07	1.585E-33	6.318E-07	8.091E-02	2.465E-06	1.432E-07
5.400E+03	2.961E-06	3.802E-01	2.672E-07	8.159E-33	7.533E-07	7.134E-02	2.915E-06	1.477E-07
5.500E+03	3.726E-06	3.954E-01	3.934E-07	3.940E-32	8.881E-07	6.260E-02	3.394E-06	1.493E-07
5.600E+03	4.658E-06	4.089E-01	5.682E-07	1.788E-31	1.038E-06	5.474E-02	3.893E-06	1.505E-07
5.700E+03	5.792E-06	4.208E-01	8.058E-07	7.636E-31	1.203E-06	4.774E-02	4.404E-06	1.509E-07
5.800E+03	7.173E-06	4.313E-01	1.122E-06	3.076E-30	1.388E-06	4.156E-02	4.915E-06	1.506E-07
5.900E+03	8.854E-06	4.404E-01	1.537E-06	1.171E-29	1.593E-06	3.614E-02	5.415E-06	1.501E-07
6.000E+03	1.090E-05	4.483E-01	2.069E-06	4.221E-29	1.823E-06	3.142E-02	5.896E-06	1.494E-07
6.100E+03	1.339E-05	4.552E-01	2.742E-06	1.445E-28	2.080E-06	2.733E-02	6.347E-06	1.487E-07
6.200E+03	1.642E-05	4.611E-01	3.580E-06	4.704E-28	2.369E-06	2.380E-02	6.769E-06	1.481E-07
6.300E+03	2.010E-05	4.662E-01	4.610E-06	1.461E-27	2.694E-06	2.075E-02	7.150E-06	1.477E-07
6.400E+03	2.457E-05	4.706E-01	5.858E-06	4.340E-27	3.060E-06	1.812E-02	7.490E-06	1.476E-07
6.500E+03	2.997E-05	4.745E-01	7.353E-06	1.236E-26	3.472E-06	1.586E-02	7.788E-06	1.477E-07
6.600E+03	3.650E-05	4.778E-01	9.124E-06	3.381E-26	3.935E-06	1.391E-02	8.044E-06	1.482E-07
6.700E+03	4.437E-05	4.808E-01	1.120E-05	8.907E-26	4.456E-06	1.224E-02	8.259E-06	1.490E-07
6.800E+03	5.385E-05	4.834E-01	1.362E-05	2.263E-25	5.042E-06	1.079E-02	8.435E-06	1.501E-07
6.900E+03	6.525E-05	4.858E-01	1.640E-05	5.559E-25	5.701E-06	9.545E-03	8.574E-06	1.516E-07
7.000E+03	7.891E-05	4.880E-01	1.957E-05	1.322E-24	6.442E-06	8.467E-03	8.678E-06	1.535E-07
7.100E+03	9.528E-05	4.901E-01	2.317E-05	3.047E-24	7.277E-06	7.533E-03	8.749E-06	1.558E-07
7.200E+03	1.149E-04	4.921E-01	2.722E-05	6.819E-24	8.218E-06	6.724E-03	8.790E-06	1.586E-07
7.300E+03	1.382E-04	4.942E-01	3.174E-05	1.484E-23	9.278E-06	6.021E-03	8.806E-06	1.619E-07
7.400E+03	1.661E-04	4.962E-01	3.676E-05	3.145E-23	1.047E-05	5.410E-03	8.799E-06	1.657E-07
7.500E+03	1.992E-04	4.984E-01	4.230E-05	6.499E-23	1.182E-05	4.837E-03	8.773E-06	1.700E-07
7.600E+03	2.385E-04	5.008E-01	4.840E-05	1.311E-22	1.333E-05	4.413E-03	8.723E-06	1.750E-07
7.700E+03	2.851E-04	5.034E-01	5.510E-05	2.588E-22	1.504E-05	4.088E-03	8.644E-06	1.806E-07
7.800E+03	3.399E-04	5.062E-01	6.242E-05	5.002E-22	1.695E-05	3.653E-03	8.531E-06	1.868E-07
7.900E+03	4.043E-04	5.094E-01	7.047E-05	9.484E-22	1.909E-05	3.342E-03	8.577E-06	1.936E-07
8.000E+03	4.796E-04	5.129E-01	7.923E-05	1.767E-21	2.148E-05	3.070E-03	8.530E-06	2.011E-07
8.200E+03	6.685E-04	5.212E-01	9.944E-05	5.853E-21	2.709E-05	2.619E-03	8.466E-06	2.179E-07

Table II. - Continued.

P/PO = 5.00E+01

C	C+	C++	C-	C	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	7.851E-06	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.214E-41	2.070E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.745E-29	7.465E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.752E-21	1.799E-48	1.000E+00	0.	5.000E+02
6.439E-81	6.529E-82	0.	0.	1.506E-16	2.975E-40	1.000E+00	0.	6.000E+02
4.575E-67	3.318E-69	0.	0.	5.138E-13	2.382E-34	1.000E+00	1.328E-93	7.000E+02
4.517E-57	4.135E-60	0.	0.	1.445E-10	1.101E-30	1.000E+00	3.781E-79	8.000E+02
3.154E-50	4.745E-55	0.	0.	3.951E-09	6.8E-29	1.000E+00	9.101E-70	9.000E+02
7.514E-45	3.315E-51	0.	0.	4.957E-09	7.943E-28	1.000E+00	1.819E-62	1.000E+03
1.868E-40	4.575E-48	0.	5.307E-79	3.888E-07	6.347E-27	1.000E+00	1.677E-55	1.100E+03
8.615E-37	1.900E-45	0.	1.84E-70	2.158E-06	3.585E-26	1.000E+00	1.563E-51	1.200E+03
1.088E-33	3.136E-43	0.	2.426E-63	9.179E-06	1.552E-25	1.000E+00	2.524E-47	1.300E+03
4.961E-31	2.504E-41	0.	4.467E-57	3.169E-05	5.450E-25	1.000E+00	1.018E-43	1.400E+03
1.002E-28	1.121E-39	2.564E-95	1.020E-51	9.261E-05	1.620E-24	9.999E-01	1.358E-40	1.500E+03
1.043E-26	3.126E-38	1.091E-91	4.988E-47	2.363E-04	4.202E-24	9.999E-01	7.369E-38	1.600E+03
6.291E-25	5.913E-37	1.747E-88	6.834E-43	5.391E-04	9.750E-24	9.992E-01	1.907E-35	1.700E+03
2.408E-23	8.543E-35	1.413E-85	3.037E-79	1.121E-03	2.203E-23	9.983E-01	2.661E-33	1.800E+03
6.286E-22	3.153E-34	6.135E-82	1.686E-36	2.154E-03	1.508E-22	9.968E-01	2.208E-31	1.900E+03
1.184E-20	2.095E-32	7.967E-78	1.908E-34	3.871E-03	2.219E-21	9.942E-01	1.177E-29	2.000E+03
1.688E-19	1.048E-30	5.255E-74	1.226E-32	6.566E-03	2.832E-20	9.901E-01	4.294E-28	2.100E+03
1.899E-18	3.726E-29	1.509E-70	5.307E-31	1.059E-02	2.906E-19	9.841E-01	1.129E-26	2.200E+03
1.713E-17	9.796E-28	2.479E-57	1.646E-29	1.634E-02	2.445E-18	9.755E-01	2.232E-25	2.300E+03
1.292E-15	1.965E-25	2.385E-54	5.815E-28	2.424E-02	1.723E-17	9.635E-01	3.433E-24	2.400E+03
8.280E-16	3.100E-25	1.032E-61	6.848E-27	3.471E-02	1.038E-16	9.478E-01	4.234E-23	2.500E+03
4.596E-15	3.987E-24	3.179E-59	9.795E-26	4.813E-02	5.445E-15	9.275E-01	4.292E-22	2.600E+03
2.243E-14	4.222E-23	6.457E-57	1.145E-24	6.479E-02	2.521E-15	9.024E-01	3.652E-21	2.700E+03
9.760E-14	3.816E-22	9.010E-55	1.115E-23	6.489E-02	1.044E-14	8.719E-01	2.556E-20	2.800E+03
3.829E-13	2.955E-21	8.987E-53	9.247E-23	1.085E-01	3.906E-14	8.361E-01	1.677E-19	2.900E+03
1.368E-12	1.998E-20	6.628E-51	6.613E-22	1.353E-01	1.354E-13	7.952E-01	9.319E-19	3.000E+03
4.491E-12	1.196E-19	3.723E-49	4.139E-21	1.651E-01	4.190E-13	7.495E-01	4.610E-18	3.100E+03
1.365E-11	6.411E-19	1.634E-47	2.294E-20	1.973E-01	1.220E-12	6.997E-01	2.052E-17	3.200E+03
3.867E-11	3.108E-18	5.737E-46	1.138E-19	2.312E-01	3.315E-12	6.470E-01	8.295E-17	3.300E+03
1.028E-10	1.375E-17	1.643E-44	5.099E-19	2.660E-01	8.456E-12	5.923E-01	3.071E-15	3.400E+03
2.577E-10	5.601E-17	3.913E-43	2.082E-18	3.009E-01	2.035E-11	5.369E-01	1.049E-15	3.500E+03
6.123E-10	2.115E-16	7.870E-42	7.802E-18	3.348E-01	4.645E-11	4.820E-01	3.330E-15	3.600E+03
1.385E-09	7.455E-15	1.557E-40	2.702E-17	3.671E-01	1.010E-10	4.287E-01	9.387E-15	3.700E+03
2.998E-09	2.468E-15	2.032E-39	8.702E-17	3.971E-01	2.102E-10	3.779E-01	2.762E-14	3.800E+03
9.228E-09	7.717E-15	2.574E-38	2.521E-16	4.243E-01	4.202E-10	3.304E-01	7.299E-14	3.900E+03
1.246E-08	2.291E-14	3.130E-37	7.422E-16	4.483E-01	8.098E-10	2.867E-01	1.824E-13	4.000E+03
2.411E-08	5.484E-14	3.286E-36	1.985E-15	4.689E-01	1.509E-09	2.470E-01	4.406E-13	4.100E+03
4.522E-08	1.758E-13	3.119E-35	5.038E-15	4.862E-01	2.729E-09	2.115E-01	1.016E-12	4.200E+03
8.247E-08	4.584E-13	2.704E-34	1.218E-14	5.002E-01	4.803E-09	1.801E-01	2.256E-12	4.300E+03
1.466E-07	1.153E-12	2.160E-33	2.816E-14	5.111E-01	8.243E-09	1.526E-01	4.851E-12	4.400E+03
2.566E-07	2.808E-12	1.594E-32	6.250E-14	5.192E-01	1.383E-08	1.288E-01	1.013E-11	4.500E+03
4.331E-07	6.637E-12	1.094E-31	1.336E-13	5.249E-01	2.274E-08	1.083E-01	2.059E-11	4.600E+03
7.227E-07	1.526E-11	7.029E-31	2.756E-13	5.285E-01	3.568E-08	9.080E-02	4.092E-11	4.700E+03
1.185E-06	3.422E-11	4.241E-30	5.511E-13	5.304E-01	5.815E-08	7.595E-02	7.963E-11	4.800E+03
1.914E-06	7.495E-11	2.413E-29	1.070E-12	5.309E-01	9.072E-08	6.343E-02	1.522E-10	4.900E+03
3.046E-06	1.605E-10	1.298E-28	2.025E-12	5.304E-01	1.395E-07	5.291E-02	2.857E-10	5.000E+03
4.785E-06	3.374E-10	6.622E-28	3.739E-12	5.290E-02	2.113E-07	4.412E-02	5.294E-10	5.100E+03
7.423E-06	6.935E-10	3.208E-27	6.758E-12	5.272E-02	3.157E-07	3.680E-02	9.668E-10	5.200E+03
1.138E-05	1.397E-09	1.478E-26	1.198E-11	5.251E-02	4.654E-07	3.071E-02	1.743E-09	5.300E+03
1.727E-05	2.759E-09	5.479E-26	2.086E-11	5.228E-02	6.768E-07	2.567E-02	3.104E-09	5.400E+03
2.592E-05	5.340E-09	2.705E-25	3.576E-11	5.205E-02	9.709E-07	2.149E-02	5.464E-09	5.500E+03
3.852E-05	1.013E-08	1.075E-24	5.044E-11	5.183E-02	1.374E-06	1.803E-02	9.505E-09	5.600E+03
5.668E-05	1.882E-08	4.076E-24	1.009E-10	5.162E-02	1.918E-06	1.517E-02	1.634E-08	5.700E+03
8.258E-05	3.427E-08	1.473E-23	1.565E-10	5.143E-02	2.640E-06	1.280E-02	7.778E-08	5.800E+03
1.192E-04	6.114E-08	5.076E-23	2.718E-10	5.125E-02	3.584E-06	1.083E-02	4.267E-08	5.900E+03
1.704E-04	1.069E-07	1.672E-22	4.394E-10	5.108E-02	4.801E-06	9.201E-03	7.749E-08	6.000E+03
2.414E-04	1.832E-07	5.264E-22	7.037E-10	5.094E-02	6.347E-06	7.842E-03	1.272E-07	6.100E+03
3.389E-04	3.079E-07	1.588E-21	1.117E-09	5.080E-02	8.234E-06	6.708E-03	2.062E-07	6.200E+03
4.715E-04	5.078E-07	4.593E-21	1.757E-09	5.068E-02	1.064E-05	5.758E-03	3.204E-07	6.300E+03
6.503E-04	8.224E-07	1.277E-20	2.740E-09	5.056E-02	1.351E-05	4.951E-03	5.231E-07	6.400E+03
8.890E-04	1.309E-06	3.418E-20	4.236E-09	5.044E-02	1.714E-05	4.289E-03	8.184E-07	6.500E+03
1.205E-03	2.048E-06	8.822E-20	6.494E-09	5.032E-02	2.137E-05	3.721E-03	1.255E-06	6.600E+03
1.620E-03	3.152E-06	2.199E-19	9.868E-09	5.020E-02	2.638E-05	3.240E-03	1.934E-06	6.700E+03
2.159E-03	4.777E-06	5.30E-19	1.487E-08	5.007E-02	3.223E-05	2.830E-03	2.920E-06	6.800E+03
2.855E-03	7.127E-06	1.237E-18	2.222E-08	4.992E-02	3.902E-05	2.479E-03	4.358E-06	6.900E+03
3.744E-03	1.048E-05	2.830E-18	3.291E-08	4.974E-02	4.681E-05	2.179E-03	6.428E-06	7.000E+03
4.870E-03	1.518E-05	6.131E-18	4.835E-08	4.954E-02	5.566E-05	1.920E-03	9.368E-06	7.100E+03
6.284E-03	2.68E-05	1.313E-17	7.045E-08	4.929E-02	6.561E-05	1.696E-03	1.349E-05	7.200E+03
8.044E-03	3.655E-05	2.724E-17	1.018E-07	4.900E-02	7.668E-05	1.502E-03	1.918E-05	7.300E+03
1.021E-02	4.244E-05	5.502E-17	1.458E-07	4.864E-02	8.887E-05	1.333E-03	2.694E-05	7.400E+03
1.286E-02	5.818E-05	1.033E-16	2.070E-07	4.822E-02	1.022E-04	1.185E-03	3.735E-05	7.500E+03
1.606E-02	7.872E-05	2.077E-16	2.912E-07	4.771E-02	1.165E-04	1.055E-03	5.109E-05	7.600E+03
1.988E-02	1.051E-04	3.889E-16	4.058E-07	4.711E-02	1.318E-04	9.404E-04	6.893E-05	7.700E+03
2.440E-02	1.386E-04	7.113E-16	5.601E-07	4.641E-02	1.479E-04	8.389E-04	9.168E-05	7.800E+03
2.968E-02	1.805E-04	1.272E-15	7.651E-07	4.558E-02	1.648E-04	7.487E-04	1.271E-04	7.900E+03
3.578E-02	2.323E-04	2.228E-15	1.034E-06	4.464E-02	1.823E-04	6.683E-04	1.550E-04	8.000E+03
5.053E-02	3.714E-04	6.440E-15	1.822E-06	4.235E-02	2.184E-04	5.317E-04	2.451E-04	8.200E+03

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
8.400E+03	9.182E-04	5.309E-01	1.240E-04	1.839E-20	3.388E-05	2.266E-03	8.468E-06	2.367E-07
8.600E+03	1.240E-03	5.422E-01	1.540E-04	5.532E-20	4.192E-05	1.987E-03	8.553E-06	2.569E-07
8.800E+03	1.645E-03	5.544E-01	1.909E-04	1.605E-19	5.120E-05	1.740E-03	8.727E-06	2.775E-07
9.000E+03	2.143E-03	5.672E-01	2.366E-04	4.509E-19	6.162E-05	1.572E-03	8.986E-06	2.974E-07
9.200E+03	2.741E-03	5.798E-01	2.928E-04	1.231E-18	7.300E-05	1.412E-03	9.321E-06	3.155E-07
9.400E+03	3.447E-03	5.918E-01	3.618E-04	3.268E-18	8.513E-05	1.272E-03	9.719E-06	3.307E-07
9.600E+03	4.265E-03	6.027E-01	4.460E-04	8.447E-18	9.775E-05	1.148E-03	1.017E-05	3.424E-07
9.800E+03	5.202E-03	6.123E-01	5.480E-04	2.125E-17	1.104E-04	1.036E-03	1.066E-05	3.503E-07
1.000E+04	6.262E-03	6.204E-01	6.707E-04	5.206E-17	1.236E-04	9.353E-04	1.117E-05	3.544E-07
1.020E+04	7.453E-03	6.270E-01	8.172E-04	1.242E-16	1.364E-04	8.492E-04	1.171E-05	3.590E-07
1.040E+04	8.780E-03	6.322E-01	9.908E-04	2.884E-16	1.491E-04	7.619E-04	1.226E-05	3.526E-07
1.060E+04	1.025E-02	6.362E-01	1.195E-03	6.526E-16	1.615E-04	6.879E-04	1.282E-05	3.478E-07
1.080E+04	1.187E-02	6.390E-01	1.434E-03	1.439E-15	1.736E-04	6.215E-04	1.338E-05	3.409E-07
1.100E+04	1.365E-02	6.409E-01	1.713E-03	3.097E-15	1.854E-04	5.619E-04	1.396E-05	3.327E-07
1.120E+04	1.560E-02	6.420E-01	2.034E-03	6.503E-15	1.968E-04	5.087E-04	1.453E-05	3.233E-07
1.140E+04	1.773E-02	6.424E-01	2.405E-03	1.334E-14	2.078E-04	4.611E-04	1.511E-05	3.133E-07
1.160E+04	2.003E-02	6.422E-01	2.828E-03	2.676E-14	2.185E-04	4.185E-04	1.569E-05	3.028E-07
1.180E+04	2.253E-02	6.415E-01	3.311E-03	5.254E-14	2.288E-04	3.805E-04	1.628E-05	2.919E-07
1.200E+04	2.523E-02	6.402E-01	3.859E-03	1.010E-13	2.387E-04	3.464E-04	1.686E-05	2.810E-07
1.220E+04	2.813E-02	6.386E-01	4.478E-03	1.904E-13	2.482E-04	3.158E-04	1.744E-05	2.700E-07
1.240E+04	3.125E-02	6.366E-01	5.174E-03	3.522E-13	2.572E-04	2.884E-04	1.802E-05	2.591E-07
1.260E+04	3.458E-02	6.342E-01	5.953E-03	6.397E-13	2.658E-04	2.637E-04	1.860E-05	2.483E-07
1.280E+04	3.813E-02	6.314E-01	6.824E-03	1.142E-12	2.740E-04	2.415E-04	1.917E-05	2.376E-07
1.300E+04	4.190E-02	6.284E-01	7.792E-03	2.004E-12	2.817E-04	2.213E-04	1.974E-05	2.272E-07
1.320E+04	4.590E-02	6.249E-01	8.866E-03	3.463E-12	2.888E-04	2.031E-04	2.030E-05	2.169E-07
1.340E+04	5.013E-02	6.212E-01	1.005E-02	5.892E-12	2.954E-04	1.866E-04	2.085E-05	2.069E-07
1.360E+04	5.460E-02	6.172E-01	1.136E-02	9.878E-12	3.015E-04	1.716E-04	2.138E-05	1.971E-07
1.380E+04	5.929E-02	6.128E-01	1.279E-02	1.633E-11	3.069E-04	1.579E-04	2.191E-05	1.875E-07
1.400E+04	6.421E-02	6.081E-01	1.436E-02	2.664E-11	3.118E-04	1.454E-04	2.241E-05	1.782E-07
1.420E+04	6.937E-02	6.031E-01	1.608E-02	4.290E-11	3.161E-04	1.340E-04	2.290E-05	1.691E-07
1.440E+04	7.474E-02	5.977E-01	1.794E-02	6.824E-11	3.197E-04	1.235E-04	2.337E-05	1.602E-07
1.460E+04	8.034E-02	5.921E-01	1.996E-02	1.072E-10	3.227E-04	1.139E-04	2.381E-05	1.517E-07
1.480E+04	8.616E-02	5.861E-01	2.215E-02	1.666E-10	3.250E-04	1.050E-04	2.423E-05	1.433E-07
1.500E+04	9.220E-02	5.798E-01	2.451E-02	2.561E-10	3.267E-04	9.686E-05	2.462E-05	1.353E-07
1.520E+04	9.844E-02	5.732E-01	2.705E-02	3.894E-10	3.277E-04	8.935E-05	2.498E-05	1.275E-07
1.540E+04	1.049E-01	5.662E-01	2.977E-02	5.860E-10	3.281E-04	8.241E-05	2.531E-05	1.199E-07
1.560E+04	1.115E-01	5.589E-01	3.269E-02	8.732E-10	3.278E-04	7.600E-05	2.559E-05	1.126E-07
1.580E+04	1.183E-01	5.513E-01	3.580E-02	1.289E-09	3.269E-04	7.006E-05	2.584E-05	1.056E-07
1.600E+04	1.253E-01	5.434E-01	3.911E-02	1.885E-09	3.253E-04	6.457E-05	2.605E-05	9.884E-08
1.620E+04	1.325E-01	5.351E-01	4.262E-02	2.732E-09	3.231E-04	5.947E-05	2.622E-05	9.235E-08
1.640E+04	1.398E-01	5.265E-01	4.633E-02	3.926E-09	3.203E-04	5.475E-05	2.633E-05	8.612E-08
1.660E+04	1.473E-01	5.177E-01	5.025E-02	5.594E-09	3.169E-04	5.036E-05	2.640E-05	8.016E-08
1.680E+04	1.549E-01	5.085E-01	5.437E-02	7.907E-09	3.129E-04	4.629E-05	2.642E-05	7.447E-08
1.700E+04	1.626E-01	4.991E-01	5.870E-02	1.109E-08	3.084E-04	4.252E-05	2.639E-05	6.904E-08
1.720E+04	1.704E-01	4.893E-01	6.323E-02	1.543E-08	3.033E-04	3.901E-05	2.631E-05	6.388E-08
1.740E+04	1.784E-01	4.793E-01	6.796E-02	2.132E-08	2.978E-04	3.576E-05	2.618E-05	5.897E-08
1.760E+04	1.864E-01	4.691E-01	7.287E-02	2.924E-08	2.917E-04	3.274E-05	2.599E-05	5.433E-08
1.780E+04	1.945E-01	4.586E-01	7.797E-02	3.982E-08	2.853E-04	2.994E-05	2.575E-05	4.993E-08
1.800E+04	2.026E-01	4.479E-01	8.325E-02	5.386E-08	2.784E-04	2.735E-05	2.546E-05	4.580E-08
1.820E+04	2.108E-01	4.370E-01	8.869E-02	7.237E-08	2.712E-04	2.494E-05	2.511E-05	4.190E-08
1.840E+04	2.190E-01	4.260E-01	9.429E-02	9.661E-08	2.637E-04	2.272E-05	2.472E-05	3.825E-08
1.860E+04	2.273E-01	4.148E-01	1.000E-01	1.282E-07	2.559E-04	2.066E-05	2.428E-05	3.483E-08
1.880E+04	2.355E-01	4.034E-01	1.059E-01	1.690E-07	2.479E-04	1.877E-05	2.379E-05	3.165E-08
1.900E+04	2.437E-01	3.919E-01	1.119E-01	2.216E-07	2.396E-04	1.702E-05	2.326E-05	2.868E-08
1.920E+04	2.519E-01	3.804E-01	1.180E-01	2.888E-07	2.312E-04	1.541E-05	2.269E-05	2.593E-08
1.940E+04	2.601E-01	3.688E-01	1.242E-01	3.743E-07	2.226E-04	1.393E-05	2.209E-05	2.339E-08
1.960E+04	2.682E-01	3.572E-01	1.304E-01	4.824E-07	2.140E-04	1.257E-05	2.145E-05	2.104E-08
1.980E+04	2.762E-01	3.456E-01	1.367E-01	6.185E-07	2.053E-04	1.133E-05	2.078E-05	1.888E-08
2.000E+04	2.841E-01	3.340E-01	1.430E-01	7.889E-07	1.966E-04	1.019E-05	2.009E-05	1.691E-08
2.020E+04	2.920E-01	3.224E-01	1.494E-01	1.001E-06	1.880E-04	9.148E-06	1.738E-05	1.510E-08
2.040E+04	2.997E-01	3.109E-01	1.557E-01	1.264E-06	1.794E-04	8.202E-06	1.655E-05	1.345E-08
2.060E+04	3.073E-01	2.995E-01	1.620E-01	1.589E-06	1.708E-04	7.341E-06	1.791E-05	1.196E-08
2.080E+04	3.148E-01	2.883E-01	1.683E-01	1.988E-06	1.625E-04	6.560E-06	1.717E-05	1.060E-08
2.100E+04	3.221E-01	2.772E-01	1.745E-01	2.476E-06	1.542E-04	5.853E-06	1.642E-05	9.383E-09
2.120E+04	3.293E-01	2.663E-01	1.807E-01	3.070E-06	1.462E-04	5.214E-06	1.567E-05	8.283E-09
2.140E+04	3.363E-01	2.555E-01	1.867E-01	3.791E-06	1.383E-04	4.638E-06	1.492E-05	7.297E-09
2.160E+04	3.431E-01	2.450E-01	1.927E-01	4.661E-06	1.307E-04	4.119E-06	1.419E-05	6.414E-09
2.180E+04	3.498E-01	2.347E-01	1.986E-01	5.708E-06	1.233E-04	3.653E-06	1.346E-05	5.627E-09
2.200E+04	3.562E-01	2.247E-01	2.043E-01	6.963E-06	1.161E-04	3.236E-06	1.275E-05	4.926E-09
2.220E+04	3.625E-01	2.149E-01	2.099E-01	8.462E-06	1.092E-04	2.862E-06	1.205E-05	4.305E-09
2.240E+04	3.686E-01	2.054E-01	2.154E-01	1.025E-05	1.026E-04	2.529E-06	1.138E-05	3.756E-09
2.260E+04	3.745E-01	1.962E-01	2.207E-01	1.236E-05	9.628E-05	2.232E-06	1.072E-05	3.271E-09
2.280E+04	3.801E-01	1.873E-01	2.258E-01	1.486E-05	9.023E-05	1.967E-06	1.009E-05	2.844E-09
2.300E+04	3.856E-01	1.786E-01	2.308E-01	1.780E-05	8.447E-05	1.733E-06	9.481E-06	2.470E-09
2.320E+04	3.909E-01	1.703E-01	2.356E-01	2.126E-05	7.898E-05	1.524E-06	8.897E-06	2.142E-09
2.340E+04	3.959E-01	1.623E-01	2.403E-01	2.531E-05	7.379E-05	1.340E-06	8.339E-06	1.855E-09
2.360E+04	4.008E-01	1.546E-01	2.448E-01	3.003E-05	6.887E-05	1.177E-06	7.806E-06	1.604E-09
2.380E+04	4.055E-01	1.472E-01	2.490E-01	3.553E-05	6.422E-05	1.034E-06	7.299E-06	1.386E-09
2.400E+04	4.100E-01	1.401E-01	2.532E-01	4.190E-05	5.985E-05	9.071E-07	6.9E-06	1.197E-09
2.420E+04	4.143E-01	1.333E-01	2.571E-01	4.929E-05	5.573E-05	7.956E-07	6.64E-06	1.033E-09
2.440E+04	4.184E-01	1.268E-01	2.609E-01	5.781E-05	5.186E-05	6.975E-07	5.934E-06	8.902E-10
2.460E+04	4.223E-01	1.206E-01	2.645E-01	6.762E-05	4.823E-05	6.113E-07	5.530E-06	7.669E-10
2.480E+04	4.260E-01	1.146E-01	2.679E-01	7.888E-05	4.484E-05	5.357E-07	5.149E-06	6.604E-10
2.500E+04	4.294E-01	1.090E-01	2.711E-01	9.179E-05	4.166E-05	4.693E-07	4.791E-06	5.685E-10

Table II. - Continued.

C	C+	C++	C-	C3	C0+	C02	C2	T
6.870E-02	5.682E-04	1.732E-14	3.059E-06	3.954E-01	2.548E-04	4.211E-04	3.537E-04	8.400E+03
8.990E-02	8.348E-04	4.373E-14	4.875E-06	3.625E-01	2.900E-04	3.311E-04	5.083E-04	9.600E+03
1.133E-01	1.182E-03	1.044E-13	7.377E-05	3.252E-01	3.228E-04	2.578E-04	5.519E-04	8.800E+03
1.379E-01	1.518E-03	2.372E-13	1.061E-05	2.879E-01	3.518E-04	1.985E-04	8.100E-04	9.000E+03
1.625E-01	2.151E-03	5.157E-13	1.455E-05	2.495E-01	3.753E-04	1.509E-04	9.555E-04	9.200E+03
1.860E-01	2.785E-03	1.078E-12	1.911E-05	2.126E-01	3.953E-04	1.134E-04	1.029E-03	9.400E+03
2.076E-01	3.523E-03	2.174E-12	2.414E-05	1.786E-01	4.086E-04	8.425E-05	1.083E-03	9.500E+03
2.266E-01	4.367E-03	4.247E-12	2.948E-05	1.482E-01	4.173E-04	6.202E-05	1.098E-03	9.800E+03
2.429E-01	5.319E-03	8.051E-12	3.496E-05	1.218E-01	4.206E-04	4.534E-05	1.079E-03	1.000E+04
2.564E-01	6.381E-03	1.485E-11	4.045E-05	9.940E-02	4.203E-04	3.299E-05	1.034E-03	1.020E+04
2.673E-01	7.555E-03	2.672E-11	4.584E-05	8.076E-02	4.167E-04	2.395E-05	9.723E-04	1.040E+04
2.758E-01	8.845E-03	4.695E-11	5.107E-05	6.545E-02	4.105E-04	1.737E-05	9.001E-04	1.060E+04
2.823E-01	1.025E-02	8.075E-11	5.608E-05	5.300E-02	4.025E-04	1.262E-05	8.236E-04	1.080E+04
2.870E-01	1.178E-02	1.350E-10	6.085E-05	4.293E-02	3.932E-04	9.196E-05	7.469E-04	1.100E+04
2.902E-01	1.342E-02	2.249E-10	6.537E-05	3.485E-02	3.830E-04	6.725E-05	6.730E-04	1.120E+04
2.921E-01	1.521E-02	3.651E-10	6.961E-05	2.835E-02	3.722E-04	4.940E-05	6.034E-04	1.140E+04
2.930E-01	1.712E-02	5.829E-10	7.359E-05	2.314E-02	3.611E-04	3.647E-05	5.392E-04	1.160E+04
2.931E-01	1.915E-02	9.157E-10	7.730E-05	1.894E-02	3.499E-04	2.707E-05	4.806E-04	1.180E+04
2.932E-01	2.134E-02	1.117E-09	8.074E-05	1.556E-02	3.386E-04	2.020E-05	4.276E-04	1.200E+04
2.909E-01	2.364E-02	2.162E-09	8.390E-05	1.283E-02	3.275E-04	1.516E-05	3.800E-04	1.220E+04
2.890E-01	2.608E-02	3.253E-09	8.678E-05	1.062E-02	3.165E-04	1.144E-05	3.374E-04	1.240E+04
2.866E-01	2.863E-02	4.333E-09	8.938E-05	8.818E-03	3.057E-04	8.673E-07	2.993E-04	1.260E+04
2.837E-01	3.135E-02	7.391E-09	9.169E-05	7.349E-03	2.951E-04	6.610E-07	2.655E-04	1.280E+04
2.805E-01	3.418E-02	1.023E-08	9.372E-05	6.145E-03	2.847E-04	5.062E-07	2.353E-04	1.300E+04
2.769E-01	3.713E-02	1.475E-08	9.545E-05	5.156E-03	2.745E-04	3.895E-07	2.085E-04	1.320E+04
2.730E-01	4.019E-02	2.092E-08	9.688E-05	4.240E-03	2.645E-04	3.009E-07	1.847E-04	1.340E+04
2.689E-01	4.336E-02	2.938E-08	9.802E-05	3.662E-03	2.548E-04	2.354E-07	1.636E-04	1.360E+04
2.644E-01	4.664E-02	4.085E-08	9.886E-05	3.100E-03	2.452E-04	1.818E-07	1.448E-04	1.380E+04
2.598E-01	5.000E-02	5.627E-08	9.940E-05	2.631E-03	2.358E-04	1.420E-07	1.281E-04	1.400E+04
2.549E-01	5.346E-02	7.681E-08	9.965E-05	2.238E-03	2.266E-04	1.113E-07	1.132E-04	1.420E+04
2.498E-01	5.698E-02	1.039E-07	9.961E-05	1.908E-03	2.176E-04	8.753E-08	1.000E-04	1.440E+04
2.446E-01	6.057E-02	1.295E-07	9.927E-05	1.620E-03	2.088E-04	6.901E-08	8.833E-05	1.460E+04
2.391E-01	6.421E-02	1.857E-07	9.870E-05	1.395E-03	2.001E-04	5.453E-08	7.794E-05	1.480E+04
2.336E-01	6.789E-02	2.453E-07	9.785E-05	1.196E-03	1.916E-04	4.319E-08	6.872E-05	1.500E+04
2.280E-01	7.160E-02	3.215E-07	9.675E-05	1.027E-03	1.833E-04	3.428E-08	6.053E-05	1.520E+04
2.222E-01	7.533E-02	4.186E-07	9.541E-05	8.836E-04	1.752E-04	2.725E-08	5.317E-05	1.540E+04
2.154E-01	7.905E-02	5.412E-07	9.386E-05	7.508E-04	1.672E-04	2.169E-08	4.684E-05	1.560E+04
2.105E-01	8.277E-02	6.950E-07	9.210E-05	6.559E-04	1.594E-04	1.730E-08	4.115E-05	1.580E+04
2.045E-01	8.646E-02	8.858E-07	9.015E-05	5.651E-04	1.518E-04	1.381E-08	3.611E-05	1.600E+04
1.985E-01	9.011E-02	1.125E-06	8.802E-05	4.890E-04	1.444E-04	1.103E-08	3.165E-05	1.620E+04
1.925E-01	9.371E-02	1.417E-06	8.576E-05	4.227E-04	1.372E-04	8.820E-09	2.772E-05	1.640E+04
1.866E-01	9.726E-02	1.776E-06	8.336E-05	3.556E-04	1.301E-04	7.057E-09	2.425E-05	1.660E+04
1.806E-01	1.007E-01	2.214E-06	8.085E-05	3.164E-04	1.233E-04	5.649E-09	2.119E-05	1.680E+04
1.747E-01	1.041E-01	2.745E-06	7.824E-05	2.740E-04	1.166E-04	4.523E-09	1.850E-05	1.700E+04
1.688E-01	1.074E-01	3.385E-06	7.556E-05	2.374E-04	1.102E-04	3.623E-09	1.613E-05	1.720E+04
1.630E-01	1.106E-01	4.153E-06	7.282E-05	2.057E-04	1.040E-04	2.902E-09	1.405E-05	1.740E+04
1.572E-01	1.137E-01	5.072E-06	7.004E-05	1.782E-04	9.796E-05	2.324E-09	1.223E-05	1.760E+04
1.515E-01	1.167E-01	6.165E-06	6.723E-05	1.545E-04	9.216E-05	1.861E-09	1.063E-05	1.780E+04
1.460E-01	1.196E-01	7.461E-06	6.442E-05	1.339E-04	8.659E-05	1.490E-09	9.236E-06	1.800E+04
1.406E-01	1.223E-01	8.990E-06	6.161E-05	1.161E-04	8.123E-05	1.192E-09	8.015E-06	1.820E+04
1.352E-01	1.249E-01	1.079E-05	5.881E-05	1.006E-04	7.610E-05	9.533E-10	6.949E-06	1.840E+04
1.300E-01	1.274E-01	1.289E-05	5.605E-05	8.720E-05	7.120E-05	7.621E-10	6.020E-06	1.860E+04
1.249E-01	1.298E-01	1.535E-05	5.333E-05	7.556E-05	6.652E-05	6.088E-10	5.212E-06	1.880E+04
1.199E-01	1.320E-01	1.821E-05	5.066E-05	6.546E-05	6.206E-05	4.961E-10	4.508E-06	1.900E+04
1.151E-01	1.341E-01	2.152E-05	4.804E-05	5.670E-05	5.782E-05	3.878E-10	3.897E-06	1.920E+04
1.104E-01	1.361E-01	2.535E-05	4.550E-05	4.910E-05	5.380E-05	3.092E-10	3.366E-06	1.940E+04
1.059E-01	1.379E-01	2.978E-05	4.303E-05	4.251E-05	4.999E-05	2.463E-10	2.907E-06	1.960E+04
1.015E-01	1.396E-01	3.486E-05	4.053E-05	3.679E-05	4.540E-05	1.950E-10	2.508E-06	1.980E+04
9.717E-02	1.412E-01	4.068E-05	3.832E-05	3.184E-05	4.301E-05	1.559E-10	2.163E-06	2.000E+04
9.318E-02	1.427E-01	4.735E-05	3.609E-05	2.754E-05	3.982E-05	1.259E-10	1.865E-06	2.020E+04
8.923E-02	1.441E-01	5.495E-05	3.395E-05	2.381E-05	3.682E-05	9.855E-11	1.608E-06	2.040E+04
8.542E-02	1.455E-01	6.361E-05	3.191E-05	2.059E-05	3.402E-05	7.802E-11	1.385E-06	2.060E+04
8.176E-02	1.465E-01	7.345E-05	2.995E-05	1.779E-05	3.139E-05	6.185E-11	1.194E-06	2.080E+04
7.824E-02	1.476E-01	8.460E-05	2.808E-05	1.538E-05	2.894E-05	4.900E-11	1.028E-06	2.100E+04
7.487E-02	1.486E-01	9.723E-05	2.631E-05	1.328E-05	2.655E-05	3.879E-11	8.856E-07	2.120E+04
7.153E-02	1.495E-01	1.115E-04	2.462E-05	1.147E-05	2.452E-05	3.068E-11	7.629E-07	2.140E+04
6.852E-02	1.503E-01	1.276E-04	2.302E-05	9.908E-06	2.255E-05	2.426E-11	6.571E-07	2.160E+04
6.555E-02	1.510E-01	1.457E-04	2.151E-05	8.556E-06	2.071E-05	1.917E-11	5.661E-07	2.180E+04
6.271E-02	1.517E-01	1.560E-04	2.008E-05	7.387E-06	1.902E-05	1.514E-11	4.878E-07	2.200E+04
5.999E-02	1.523E-01	1.888E-04	1.874E-05	6.372E-06	1.745E-05	1.195E-11	4.204E-07	2.220E+04
5.739E-02	1.528E-01	2.144E-04	1.747E-05	5.506E-06	1.600E-05	9.434E-12	3.624E-07	2.240E+04
5.490E-02	1.533E-01	2.430E-04	1.628E-05	4.754E-06	1.466E-05	7.445E-12	3.126E-07	2.260E+04
5.253E-02	1.538E-01	2.750E-04	1.517E-05	4.105E-06	1.343E-05	5.874E-12	2.697E-07	2.280E+04
5.027E-02	1.542E-01	3.106E-04	1.412E-05	3.545E-06	1.229E-05	4.634E-12	2.324E-07	2.300E+04
4.811E-02	1.546E-01	3.503E-04	1.314E-05	3.062E-06	1.123E-05	3.656E-12	2.010E-07	2.320E+04
4.606E-02	1.549E-01	3.944E-04	1.222E-05	2.645E-06	1.029E-05	2.885E-12	1.737E-07	2.340E+04
4.410E-02	1.552E-01	4.435E-04	1.137E-05	2.288E-06	9.414E-06	2.277E-12	1.501E-07	2.360E+04
4.223E-02	1.554E-01	4.979E-04	1.057E-05	1.976E-06	8.609E-06	1.797E-12	1.299E-07	2.380E+04
4.045E-02	1.557E-01	5.581E-04	9.823E-06	1.709E-06	7.872E-06	1.419E-12	1.124E-07	2.400E+04
3.875E-02	1.559E-01	6.248E-04	9.119E-06	1.479E-06	7.197E-06	1.122E-12	9.740E-08	2.420E+04
3.714E-02	1.560E-01	6.984E-04	8.482E-06	1.280E-06	6.579E-06	8.866E-13	8.443E-08	2.440E+04
3.560E-02	1.562E-01	7.797E-04	7.881E-06	1.108E-06	6.015E-06	7.014E-13	7.324E-08	2.460E+04
3.413E-02	1.563E-01	8.692E-04	7.322E-06	9.603E-07	5.499E-06	5.552E-13	6.359E-08	2.480E+04
3.273E-02	1.564E-01	9.677E-04	6.803E-06	8.325E-07	5.027E-06	4.399E-13	5.525E-08	2.500E+04

Table II. - Continued.

P/PO = 7.00E+01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.489E-11	1.760E-18	0.
2.000E+02	0.	9.430E-69	0.	0.	0.	5.523E-11	1.760E-18	0.
3.000E+02	0.	3.975E-47	4.028E-81	0.	0.	4.890E-11	1.760E-18	0.
4.000E+02	0.	2.943E-36	9.840E-64	0.	0.	5.157E-11	1.760E-18	0.
5.000E+02	0.	9.757E-30	2.887E-53	0.	0.	4.894E-11	1.760E-18	0.
6.000E+02	1.615E-95	2.301E-25	2.714E-46	0.	0.	5.078E-11	1.760E-18	3.891E-96
7.000E+02	6.435E-81	2.974E-22	2.741E-41	0.	4.252E-91	4.704E-11	1.760E-18	6.396E-83
8.000E+02	1.498E-69	1.024E-19	1.001E-37	0.	1.154E-78	1.148E-10	1.760E-18	3.268E-72
9.000E+02	9.138E-60	2.828E-17	2.034E-35	0.	1.349E-67	1.928E-09	1.760E-18	5.046E-62
1.007E+03	8.097E-52	2.887E-15	1.269E-33	0.	1.403E-58	2.359E-08	1.760E-18	1.173E-53
1.100E+03	2.655E-45	1.281E-13	3.735E-32	0.	3.399E-51	1.847E-07	1.760E-18	8.358E-47
1.200E+03	7.265E-40	3.030E-12	6.283E-31	0.	4.849E-45	1.025E-06	1.760E-18	4.281E-41
1.300E+03	2.637E-35	4.409E-11	6.872E-30	0.	7.802E-40	4.360E-06	1.760E-18	2.890E-36
1.400E+03	2.637E-31	4.381E-10	5.358E-25	0.	2.261E-35	1.505E-05	1.760E-18	3.963E-32
1.500E+03	7.107E-28	3.207E-09	3.186E-28	0.	1.663E-31	4.398E-05	1.760E-18	1.525E-28
1.600E+03	7.196E-25	1.831E-08	1.519E-27	0.	4.014E-28	1.122E-04	1.760E-18	2.082E-25
1.700E+03	3.251E-22	8.523E-08	6.044E-27	0.	3.868E-25	2.560E-04	1.760E-18	1.211E-22
1.800E+03	7.082E-20	3.344E-07	2.186E-26	0.	1.639E-22	5.322E-04	1.760E-18	3.272E-20
1.900E+03	2.810E-18	1.136E-06	2.163E-25	0.	1.170E-20	1.023E-03	1.760E-18	1.560E-18
2.000E+03	2.846E-17	3.415E-06	4.654E-24	0.	1.998E-19	1.837E-03	4.890E-17	1.848E-17
2.100E+03	2.051E-16	9.237E-06	8.484E-23	0.	2.295E-18	3.115E-03	3.615E-16	1.523E-16
2.200E+03	1.221E-15	2.281E-05	1.205E-21	1.767E-86	2.074E-17	5.021E-03	2.260E-15	1.016E-15
2.300E+03	6.222E-15	5.201E-05	1.365E-20	1.378E-82	1.538E-16	7.741E-03	1.208E-14	5.700E-15
2.400E+03	2.769E-14	1.105E-04	1.267E-19	5.130E-79	9.593E-16	1.147E-02	5.612E-14	2.748E-14
2.500E+03	1.094E-13	2.208E-04	9.851E-15	9.940E-76	5.142E-15	1.640E-02	2.304E-13	1.159E-13
2.600E+03	3.894E-13	4.173E-04	6.549E-18	1.081E-72	2.409E-14	2.270E-02	8.468E-13	4.339E-13
2.700E+03	1.261E-12	7.502E-04	3.787E-17	7.029E-70	1.001E-13	3.050E-02	2.818E-12	1.460E-12
2.800E+03	3.756E-12	1.289E-03	1.932E-16	2.888E-67	3.729E-13	3.985E-02	8.577E-12	4.458E-12
2.900E+03	1.037E-11	2.127E-03	8.804E-16	7.856E-65	1.261E-12	5.073E-02	2.407E-11	1.247E-11
3.000E+03	2.676E-11	3.381E-03	3.625E-15	1.475E-62	3.900E-12	6.303E-02	6.271E-11	3.218E-11
3.100E+03	6.486E-11	5.191E-03	1.361E-14	1.983E-60	1.113E-11	7.652E-02	1.527E-10	7.714E-11
3.200E+03	1.486E-10	7.724E-03	4.699E-14	1.966E-58	2.948E-11	9.087E-02	3.496E-10	1.727E-10
3.300E+03	3.232E-10	1.116E-02	1.503E-13	1.480E-56	7.296E-11	1.057E-01	7.558E-10	3.629E-10
3.400E+03	6.703E-10	1.569E-02	4.485E-13	8.646E-55	1.695E-10	1.205E-01	1.550E-09	7.189E-10
3.500E+03	1.330E-09	2.152E-02	1.256E-12	4.030E-53	3.715E-10	1.347E-01	3.029E-09	1.348E-09
3.600E+03	2.535E-09	2.882E-02	3.314E-12	1.519E-51	7.714E-10	1.479E-01	5.659E-09	2.400E-09
3.700E+03	4.651E-09	3.776E-02	8.291E-12	4.727E-50	1.523E-09	1.506E-01	1.014E-08	4.071E-09
3.800E+03	8.237E-09	4.847E-02	1.974E-11	1.232E-48	2.867E-09	1.694E-01	1.749E-08	6.599E-09
3.900E+03	1.412E-08	6.104E-02	4.491E-11	2.727E-47	5.166E-09	1.770E-01	2.909E-08	1.025E-08
4.000E+03	2.346E-08	7.550E-02	9.794E-11	5.192E-46	8.931E-09	1.821E-01	4.683E-08	1.529E-08
4.100E+03	3.789E-08	9.183E-02	2.054E-10	8.605E-45	1.485E-08	1.847E-01	7.308E-08	2.196E-08
4.200E+03	5.954E-08	1.099E-01	4.157E-10	1.254E-43	2.381E-08	1.848E-01	1.108E-07	3.042E-08
4.300E+03	9.123E-08	1.297E-01	8.133E-10	1.621E-42	3.690E-08	1.824E-01	1.635E-07	4.073E-08
4.400E+03	1.365E-07	1.508E-01	1.542E-09	1.875E-41	5.535E-08	1.779E-01	2.354E-07	5.281E-08
4.500E+03	1.996E-07	1.731E-01	2.840E-09	1.955E-40	8.053E-08	1.713E-01	3.308E-07	6.642E-08
4.600E+03	2.859E-07	1.961E-01	5.090E-09	1.850E-39	1.139E-07	1.632E-01	4.546E-07	8.117E-08
4.700E+03	4.014E-07	2.197E-01	8.889E-09	1.598E-37	1.567E-07	1.537E-01	6.117E-07	9.653E-08
4.800E+03	5.534E-07	2.433E-01	1.515E-08	1.267E-37	2.103E-07	1.432E-01	8.065E-07	1.119E-07
4.900E+03	7.499E-07	2.666E-01	2.523E-08	9.271E-37	2.757E-07	1.321E-01	1.043E-06	1.267E-07
5.000E+03	1.000E-06	2.893E-01	4.111E-08	6.281E-36	3.537E-07	1.208E-01	1.325E-06	1.403E-07
5.100E+03	1.316E-06	3.110E-01	6.556E-08	3.956E-35	4.448E-07	1.095E-01	1.653E-06	1.523E-07
5.200E+03	1.708E-06	3.316E-01	1.024E-07	2.323E-34	5.495E-07	9.848E-02	2.027E-06	1.624E-07
5.300E+03	2.193E-06	3.507E-01	1.569E-07	1.275E-33	6.681E-07	8.797E-02	2.447E-06	1.705E-07
5.400E+03	2.786E-06	3.683E-01	2.358E-07	6.559E-33	8.010E-07	7.811E-02	2.907E-06	1.766E-07
5.500E+03	3.511E-06	3.843E-01	3.478E-07	3.169E-32	9.490E-07	6.900E-02	3.403E-06	1.809E-07
5.600E+03	4.392E-06	3.987E-01	5.035E-07	1.440E-31	1.113E-06	6.071E-02	3.925E-06	1.837E-07
5.700E+03	5.463E-06	4.115E-01	7.160E-07	6.165E-31	1.295E-06	5.324E-02	4.464E-06	1.852E-07
5.800E+03	6.763E-06	4.228E-01	1.000E-06	2.492E-30	1.496E-06	4.659E-02	5.010E-06	1.858E-07
5.900E+03	8.339E-06	4.327E-01	1.374E-06	9.529E-30	1.720E-06	4.071E-02	5.551E-06	1.857E-07
6.000E+03	1.025E-05	4.414E-01	1.857E-06	3.452E-29	1.969E-06	3.554E-02	6.078E-06	1.854E-07
6.100E+03	1.257E-05	4.490E-01	2.470E-06	1.188E-28	2.247E-06	3.103E-02	6.581E-06	1.849E-07
6.200E+03	1.539E-05	4.556E-01	3.236E-06	3.890E-28	2.559E-06	2.711E-02	7.053E-06	1.844E-07
6.300E+03	1.879E-05	4.613E-01	4.182E-06	1.215E-27	2.908E-06	2.370E-02	7.488E-06	1.840E-07
6.400E+03	2.291E-05	4.663E-01	5.333E-06	3.631E-27	3.259E-06	2.075E-02	7.881E-06	1.839E-07
6.500E+03	2.789E-05	4.706E-01	6.717E-06	1.040E-26	3.738E-06	1.820E-02	8.231E-06	1.841E-07
6.600E+03	3.389E-05	4.743E-01	8.362E-06	2.861E-26	4.231E-06	1.606E-02	8.538E-06	1.845E-07
6.700E+03	4.110E-05	4.774E-01	1.036E-05	7.575E-26	4.783E-06	1.489E-02	8.801E-06	1.854E-07
6.800E+03	4.976E-05	4.806E-01	1.256E-05	1.936E-25	5.403E-06	1.244E-02	9.021E-06	1.861E-07
6.900E+03	6.015E-05	4.832E-01	1.517E-05	4.780E-25	6.098E-06	1.102E-02	9.201E-06	1.882E-07
7.000E+03	7.257E-05	4.856E-01	1.815E-05	1.142E-24	6.878E-06	9.781E-03	9.343E-06	1.903E-07
7.100E+03	8.741E-05	4.879E-01	2.155E-05	2.647E-24	7.753E-06	8.708E-03	9.449E-06	1.928E-07
7.200E+03	1.051E-04	4.900E-01	2.538E-05	5.956E-24	8.736E-06	7.776E-03	9.522E-06	1.958E-07
7.300E+03	1.262E-04	4.921E-01	2.967E-05	1.303E-23	9.839E-06	6.965E-03	9.565E-06	1.995E-07
7.400E+03	1.512E-04	4.942E-01	3.445E-05	2.775E-23	1.108E-05	6.259E-03	9.582E-06	2.036E-07
7.500E+03	1.810E-04	4.963E-01	3.775E-05	5.762E-23	1.247E-05	5.642E-03	9.576E-06	2.085E-07
7.600E+03	2.162E-04	4.986E-01	4.558E-05	1.164E-22	1.403E-05	5.184E-03	9.553E-06	2.140E-07
7.700E+03	2.577E-04	5.011E-01	5.199E-05	2.315E-22	1.579E-05	4.632E-03	9.516E-06	2.202E-07
7.800E+03	3.067E-04	5.037E-01	5.901E-05	4.491E-22	1.775E-05	4.220E-03	9.471E-06	2.271E-07
7.900E+03	3.641E-04	5.067E-01	6.669E-05	8.545E-22	1.995E-05	3.657E-03	9.422E-06	2.348E-07
8.000E+03	4.312E-04	5.099E-01	7.508E-05	1.596E-21	2.241E-05	3.539E-03	9.375E-06	2.433E-07
8.200E+03	5.997E-04	5.175E-01	9.435E-05	5.306E-21	2.815E-05	3.012E-03	9.305E-06	2.623E-07

Table II. - Continued.

P/PO = 7.00E+01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	7.156E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.992E-41	1.952E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.206E-29	6.724E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.620E-21	1.641E-46	1.000E+00	0.	5.000E+02
5.432E-81	5.409E-82	0.	0.	1.382E-16	2.685E-40	1.000E+00	0.	6.000E+02
3.968E-67	4.668E-69	0.	0.	4.785E-13	2.245E-34	1.000E+00	1.166E-93	7.000E+02
4.001E-57	3.799E-50	0.	0.	1.363E-10	1.566E-30	1.000E+00	3.461E-79	8.000E+02
2.852E-50	4.499E-55	0.	0.	3.761E-09	6.115E-29	1.000E+00	8.632E-70	9.000E+02
6.780E-45	3.150E-51	0.	0.	4.709E-08	7.943E-28	1.000E+00	1.728E-62	1.000E+03
1.685E-40	4.346E-48	0.	4.549E-79	3.693E-07	6.347E-27	1.000E+00	1.594E-56	1.100E+03
7.774E-37	1.805E-45	0.	1.529E-70	2.050E-06	3.585E-26	1.000E+00	1.487E-51	1.200E+03
9.815E-34	2.979E-43	0.	2.508E-63	8.720E-06	1.552E-25	1.000E+00	2.398E-47	1.300E+03
4.474E-31	2.381E-41	0.	3.829E-57	3.011E-05	3.450E-25	1.000E+00	9.672E-44	1.400E+03
9.037E-29	1.063E-39	2.364E-95	8.753E-52	8.797E-05	1.620E-24	9.999E-01	1.286E-40	1.500E+03
9.409E-27	2.970E-38	1.091E-91	4.275E-47	2.244E-04	4.202E-24	9.997E-01	7.600E-38	1.600E+03
5.577E-25	5.616E-37	1.747E-88	5.858E-43	5.121E-04	9.750E-24	9.992E-01	1.811E-35	1.700E+03
2.173E-23	8.129E-36	1.385E-85	2.629E-39	1.065E-03	2.181E-23	9.984E-01	2.528E-33	1.800E+03
5.672E-22	2.789E-34	5.362E-82	1.552E-36	2.046E-03	1.405E-22	9.969E-01	2.097E-31	1.900E+03
1.069E-20	1.834E-32	6.766E-78	1.775E-34	3.677E-03	2.045E-21	9.945E-01	1.118E-29	2.000E+03
1.523E-19	9.163E-31	4.466E-74	1.140E-32	6.239E-03	2.612E-20	9.906E-01	4.082E-28	2.100E+03
1.705E-18	3.265E-29	1.371E-70	4.930E-31	1.006E-02	2.685E-19	9.849E-01	1.073E-26	2.200E+03
1.546E-17	8.600E-28	2.117E-67	1.527E-29	1.553E-02	2.261E-18	9.767E-01	2.121E-25	2.300E+03
1.166E-16	1.727E-26	1.784E-64	3.538E-28	2.305E-02	1.595E-17	9.654E-01	3.264E-24	2.400E+03
7.476E-15	2.726E-25	8.840E-62	6.347E-27	3.303E-02	9.625E-17	9.504E-01	4.027E-23	2.500E+03
4.151E-15	3.510E-24	2.721E-59	9.077E-26	4.582E-02	5.053E-16	9.311E-01	4.084E-22	2.600E+03
2.027E-14	3.735E-23	5.544E-57	1.061E-24	6.174E-02	2.342E-15	9.070E-01	3.478E-21	2.700E+03
8.822E-14	3.362E-22	7.739E-55	1.035E-23	8.098E-02	9.688E-15	8.779E-01	2.532E-20	2.800E+03
3.452E-13	2.604E-21	7.720E-53	8.579E-23	1.036E-01	3.636E-14	8.436E-01	1.600E-19	2.900E+03
1.238E-12	1.782E-20	5.692E-51	6.142E-22	1.294E-01	1.243E-13	8.042E-01	8.901E-19	3.000E+03
4.066E-12	.054E-19	3.195E-49	3.849E-21	1.882E-01	3.909E-13	7.601E-01	4.409E-18	3.100E+03
1.237E-11	.650E-19	1.400E-47	2.137E-20	1.895E-01	1.140E-12	7.119E-01	1.965E-17	3.200E+03
3.507E-11	2.738E-18	4.910E-46	1.062E-19	2.225E-01	3.099E-12	6.606E-01	7.957E-17	3.300E+03
9.328E-11	1.211E-17	1.404E-44	4.770E-19	2.566E-01	7.912E-12	6.072E-01	2.951E-16	3.400E+03
2.340E-10	4.927E-17	3.333E-43	1.952E-18	2.909E-01	1.906E-11	5.528E-01	1.010E-15	3.500E+03
5.565E-10	1.858E-16	6.684E-42	7.336E-18	3.247E-01	4.354E-11	4.986E-01	3.210E-15	3.600E+03
1.260E-09	5.541E-16	1.148E-40	2.548E-17	3.570E-01	9.475E-11	4.455E-01	9.545E-15	3.700E+03
2.729E-09	2.161E-15	1.712E-39	8.232E-17	3.873E-01	1.473E-10	3.949E-01	2.670E-14	3.800E+03
5.672E-09	6.745E-15	2.242E-38	2.487E-16	4.150E-01	3.944E-10	3.470E-01	7.062E-14	3.900E+03
1.135E-08	1.995E-14	2.610E-37	7.066E-16	4.397E-01	7.599E-10	3.027E-01	1.776E-13	4.000E+03
2.197E-08	5.634E-14	2.723E-35	1.896E-15	4.612E-01	1.416E-09	2.623E-01	4.255E-13	4.100E+03
4.119E-08	1.522E-13	2.567E-35	4.827E-15	4.795E-01	2.559E-09	2.258E-01	9.829E-13	4.200E+03
7.508E-08	3.953E-13	2.209E-34	1.171E-14	4.945E-01	4.498E-09	1.934E-01	2.182E-12	4.300E+03
1.334E-07	9.899E-13	1.750E-33	2.715E-14	5.065E-01	7.703E-09	1.648E-01	4.683E-12	4.400E+03
2.314E-07	2.398E-12	1.280E-32	6.041E-14	5.157E-01	1.291E-08	1.398E-01	9.754E-12	4.500E+03
3.929E-07	5.638E-12	8.703E-32	1.294E-13	5.225E-01	2.118E-08	1.182E-01	1.978E-11	4.600E+03
6.545E-07	1.289E-11	5.534E-31	2.677E-13	5.270E-01	3.410E-08	9.968E-02	3.915E-11	4.700E+03
1.071E-06	2.872E-11	3.305E-30	5.363E-13	5.297E-01	5.393E-08	8.382E-02	7.586E-11	4.800E+03
1.725E-06	6.250E-11	1.801E-29	1.043E-12	5.309E-01	8.392E-08	7.026E-02	1.442E-10	4.900E+03
2.738E-06	1.330E-10	9.909E-29	1.975E-12	5.309E-01	1.286E-07	5.899E-02	2.695E-10	5.000E+03
4.288E-06	2.768E-10	5.004E-28	3.550E-12	5.300E-01	1.944E-07	4.942E-02	4.961E-10	5.100E+03
6.632E-06	5.571E-10	2.401E-27	6.596E-12	5.285E-01	2.897E-07	4.140E-02	9.002E-10	5.200E+03
1.014E-05	1.136E-09	1.097E-26	1.168E-11	5.264E-01	4.261E-07	3.469E-02	1.013E-09	5.300E+03
1.533E-05	2.231E-09	4.773E-25	2.032E-11	5.245E-01	6.185E-07	2.910E-02	2.853E-09	5.400E+03
2.294E-05	4.297E-09	1.980E-25	3.478E-11	5.222E-01	8.861E-07	2.445E-02	4.990E-09	5.500E+03
3.398E-05	3.119E-09	7.837E-25	5.666E-11	5.200E-01	1.253E-06	2.058E-02	8.627E-09	5.600E+03
4.985E-05	1.504E-08	2.960E-24	9.764E-11	5.179E-01	1.748E-06	1.736E-02	1.475E-08	5.700E+03
7.243E-05	2.733E-08	1.058E-23	1.606E-10	5.158E-01	2.408E-06	1.468E-02	2.493E-08	5.800E+03
1.043E-04	4.868E-08	3.578E-23	2.613E-10	5.140E-01	3.272E-06	1.246E-02	4.168E-08	5.900E+03
1.488E-04	8.502E-08	1.212E-22	4.209E-10	5.122E-01	4.388E-06	1.060E-02	6.889E-08	6.000E+03
2.103E-04	1.457E-07	3.822E-22	6.715E-10	5.107E-01	5.810E-06	9.048E-03	1.126E-07	6.100E+03
2.947E-04	2.449E-07	1.155E-21	1.062E-09	5.093E-01	7.596E-06	7.750E-03	1.819E-07	6.200E+03
4.094E-04	4.042E-07	3.352E-21	.664E-09	5.079E-01	9.813E-06	6.662E-03	2.905E-07	6.300E+03
5.638E-04	5.552E-07	9.350E-21	2.585E-09	5.066E-01	1.253E-05	5.746E-03	4.587E-07	6.400E+03
7.699E-04	1.044E-06	2.511E-20	3.983E-09	5.054E-01	1.582E-05	4.973E-03	7.161E-07	6.500E+03
1.043E-03	1.636E-06	6.305E-20	6.085E-09	5.042E-01	1.977E-05	4.318E-03	1.105E-06	6.600E+03
1.400E-03	2.522E-06	1.628E-19	9.219E-09	5.030E-01	2.446E-05	3.763E-03	1.686E-06	6.700E+03
1.865E-03	3.828E-06	3.940E-19	1.385E-08	5.017E-01	2.996E-05	3.289E-03	2.543E-06	6.800E+03
2.465E-03	5.723E-06	9.239E-19	2.064E-08	5.003E-01	3.636E-05	2.884E-03	3.793E-06	6.900E+03
3.233E-03	8.433E-06	2.101E-18	3.049E-08	4.987E-01	4.374E-05	2.536E-03	5.592E-06	7.000E+03
4.206E-03	1.225E-05	4.637E-18	4.470E-08	4.968E-01	5.215E-05	2.236E-03	8.151E-06	7.100E+03
5.429E-03	1.754E-05	9.948E-18	6.497E-08	4.946E-01	6.166E-05	1.977E-03	1.174E-05	7.200E+03
6.953E-03	2.479E-05	2.076E-17	9.368E-08	4.920E-01	7.229E-05	1.752E-03	1.672E-05	7.300E+03
8.833E-03	3.456E-05	4.217E-17	1.340E-07	4.888E-01	8.407E-05	1.556E-03	2.352E-05	7.400E+03
1.114E-02	4.754E-05	8.347E-17	1.899E-07	4.851E-01	9.698E-05	1.365E-03	3.268E-05	7.500E+03
1.393E-02	6.457E-05	1.611E-16	2.670E-07	4.806E-01	1.110E-04	1.235E-03	4.483E-05	7.600E+03
1.728E-02	8.658E-05	3.036E-15	3.720E-07	4.753E-01	1.260E-04	1.102E-03	6.071E-05	7.700E+03
2.125E-02	1.147E-04	5.589E-16	5.134E-07	4.691E-01	1.421E-04	9.845E-04	8.110E-05	7.800E+03
2.591E-02	1.500E-04	1.006E-15	7.018E-07	4.518E-01	1.589E-04	8.802E-04	1.368E-04	7.900E+03
3.133E-02	1.939E-04	1.773E-15	9.495E-07	4.334E-01	1.763E-04	7.872E-04	1.387E-04	8.000E+03
4.457E-02	3.130E-04	5.146E-15	1.683E-06	4.328E-01	2.132E-04	6.294E-04	2.234E-04	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	8.230E-04	5.266E-01	1.176E-04	1.668E-20	3.514E-05	2.681E-03	9.294E-06	2.840E-07
8.600E+03	1.112E-03	5.371E-01	1.458E-04	5.008E-20	4.345E-05	2.275E-03	9.362E-06	3.077E-07
8.800E+03	1.478E-03	5.488E-01	1.804E-04	1.447E-19	5.310E-05	2.012E-03	9.522E-06	3.324E-07
9.000E+03	1.929E-03	5.612E-01	2.229E-04	4.046E-19	6.402E-05	1.796E-03	9.774E-06	3.567E-07
9.200E+03	2.474E-03	5.737E-01	2.751E-04	1.098E-18	7.607E-05	1.613E-03	1.011E-05	3.795E-07
9.400E+03	3.121E-03	5.859E-01	3.391E-04	2.900E-18	8.901E-05	1.454E-03	1.052E-05	3.994E-07
9.600E+03	3.873E-03	5.971E-01	4.171E-04	7.45E-18	1.026E-04	1.314E-03	1.099E-05	4.155E-07
9.800E+03	4.738E-03	6.072E-01	5.114E-04	1.866E-17	1.166E-04	1.189E-03	1.150E-05	4.272E-07
1.000E+04	5.720E-03	6.159E-01	6.249E-04	4.552E-17	1.307E-04	1.076E-03	1.205E-05	4.343E-07
1.020E+04	6.824E-03	6.232E-01	7.604E-04	1.082E-16	1.449E-04	9.730E-04	1.263E-05	4.371E-07
1.040E+04	8.056E-03	6.291E-01	9.209E-04	2.504E-16	1.598E-04	8.801E-04	1.322E-05	4.360E-07
1.060E+04	9.423E-03	6.337E-01	1.110E-03	5.650E-16	1.725E-04	7.962E-04	1.383E-05	4.317E-07
1.080E+04	1.093E-02	6.371E-01	1.331E-03	1.243E-15	1.859E-04	7.207E-04	1.445E-05	4.247E-07
1.100E+04	1.259E-02	6.395E-01	1.589E-03	2.670E-15	1.990E-04	6.527E-04	1.507E-05	4.157E-07
1.120E+04	1.440E-02	6.411E-01	1.886E-03	5.598E-15	2.116E-04	5.917E-04	1.570E-05	4.051E-07
1.140E+04	1.638E-02	6.419E-01	2.229E-03	1.147E-14	2.239E-04	5.371E-04	1.633E-05	3.934E-07
1.160E+04	1.853E-02	6.421E-01	2.621E-03	2.298E-14	2.357E-04	4.881E-04	1.696E-05	3.810E-07
1.180E+04	2.086E-02	6.417E-01	3.067E-03	4.506E-14	2.472E-04	4.442E-04	1.760E-05	3.681E-07
1.200E+04	2.337E-02	6.408E-01	3.574E-03	8.656E-14	2.582E-04	4.049E-04	1.823E-05	3.550E-07
1.220E+04	2.608E-02	6.395E-01	4.146E-03	1.630E-13	2.688E-04	3.695E-04	1.887E-05	3.417E-07
1.240E+04	2.899E-02	6.378E-01	4.789E-03	3.013E-13	2.789E-04	3.378E-04	1.950E-05	3.289E-07
1.260E+04	3.209E-02	6.357E-01	5.511E-03	5.468E-13	2.886E-04	3.091E-04	2.013E-05	3.152E-07
1.280E+04	3.541E-02	6.333E-01	6.316E-03	9.752E-13	2.978E-04	2.833E-04	2.076E-05	3.022E-07
1.300E+04	3.894E-02	6.305E-01	7.211E-03	1.711E-12	3.064E-04	2.600E-04	2.138E-05	2.893E-07
1.320E+04	4.269E-02	6.274E-01	8.204E-03	2.953E-12	3.145E-04	2.388E-04	2.200E-05	2.767E-07
1.340E+04	4.665E-02	6.240E-01	9.301E-03	5.022E-12	3.221E-04	2.186E-04	2.260E-05	2.643E-07
1.360E+04	5.083E-02	6.202E-01	1.051E-02	8.414E-12	3.291E-04	2.022E-04	2.320E-05	2.522E-07
1.380E+04	5.524E-02	6.162E-01	1.184E-02	1.390E-11	3.355E-04	1.863E-04	2.378E-05	2.404E-07
1.400E+04	5.986E-02	6.118E-01	1.329E-02	2.266E-11	3.412E-04	1.717E-04	2.434E-05	2.289E-07
1.420E+04	6.470E-02	6.072E-01	1.487E-02	3.647E-11	3.463E-04	1.584E-04	2.489E-05	2.176E-07
1.440E+04	6.977E-02	6.022E-01	1.660E-02	5.797E-11	3.508E-04	1.462E-04	2.541E-05	2.066E-07
1.460E+04	7.505E-02	5.969E-01	1.847E-02	9.106E-11	3.545E-04	1.350E-04	2.592E-05	1.960E-07
1.480E+04	8.054E-02	5.914E-01	2.049E-02	1.414E-10	3.576E-04	1.247E-04	2.639E-05	1.856E-07
1.500E+04	8.624E-02	5.855E-01	2.268E-02	2.172E-10	3.600E-04	1.152E-04	2.684E-05	1.756E-07
1.520E+04	9.214E-02	5.792E-01	2.503E-02	3.300E-10	3.617E-04	1.065E-04	2.726E-05	1.658E-07
1.540E+04	9.824E-02	5.727E-01	2.756E-02	4.963E-10	3.627E-04	9.837E-05	2.764E-05	1.564E-07
1.560E+04	1.045E-01	5.659E-01	3.026E-02	7.392E-10	3.630E-04	9.089E-05	2.799E-05	1.473E-07
1.580E+04	1.110E-01	5.587E-01	3.315E-02	1.090E-09	3.626E-04	8.396E-05	2.829E-05	1.385E-07
1.600E+04	1.177E-01	5.512E-01	3.622E-02	1.594E-09	3.615E-04	7.753E-05	2.856E-05	1.300E-07
1.620E+04	1.245E-01	5.435E-01	3.948E-02	2.309E-09	3.597E-04	7.157E-05	2.878E-05	1.218E-07
1.640E+04	1.315E-01	5.354E-01	4.294E-02	3.317E-09	3.573E-04	6.604E-05	2.895E-05	1.140E-07
1.660E+04	1.386E-01	5.270E-01	4.659E-02	4.724E-09	3.542E-04	6.080E-05	2.908E-05	1.064E-07
1.680E+04	1.459E-01	5.184E-01	5.044E-02	6.675E-09	3.505E-04	5.612E-05	2.915E-05	9.921E-08
1.700E+04	1.533E-01	5.094E-01	5.448E-02	9.357E-09	3.462E-04	5.168E-05	2.917E-05	9.230E-08
1.720E+04	1.608E-01	5.002E-01	5.872E-02	1.302E-08	3.413E-04	4.756E-05	2.914E-05	8.571E-08
1.740E+04	1.684E-01	4.907E-01	6.314E-02	1.794E-08	3.358E-04	4.372E-05	2.905E-05	7.943E-08
1.760E+04	1.762E-01	4.809E-01	6.776E-02	2.465E-08	3.298E-04	4.015E-05	2.890E-05	7.347E-08
1.780E+04	1.840E-01	4.710E-01	7.255E-02	3.337E-08	3.234E-04	3.684E-05	2.870E-05	6.781E-08
1.800E+04	1.918E-01	4.608E-01	7.752E-02	4.510E-08	3.164E-04	3.376E-05	2.845E-05	6.245E-08
1.820E+04	1.998E-01	4.504E-01	8.266E-02	6.099E-08	3.091E-04	3.090E-05	2.814E-05	5.740E-08
1.840E+04	2.078E-01	4.398E-01	8.796E-02	8.143E-08	3.013E-04	2.825E-05	2.777E-05	5.264E-08
1.860E+04	2.158E-01	4.290E-01	9.340E-02	1.080E-07	2.932E-04	2.579E-05	2.735E-05	4.816E-08
1.880E+04	2.238E-01	4.181E-01	9.898E-02	1.425E-07	2.848E-04	2.351E-05	2.688E-05	4.397E-08
1.900E+04	2.319E-01	4.070E-01	1.047E-01	1.868E-07	2.762E-04	2.141E-05	2.637E-05	4.005E-08
1.920E+04	2.399E-01	3.958E-01	1.105E-01	2.435E-07	2.673E-04	1.947E-05	2.580E-05	3.640E-08
1.940E+04	2.479E-01	3.846E-01	1.164E-01	3.156E-07	2.582E-04	1.767E-05	2.520E-05	3.300E-08
1.960E+04	2.559E-01	3.733E-01	1.224E-01	4.068E-07	2.490E-04	1.602E-05	2.455E-05	2.985E-08
1.980E+04	2.638E-01	3.620E-01	1.285E-01	5.217E-07	2.397E-04	1.450E-05	2.387E-05	2.694E-08
2.000E+04	2.717E-01	3.506E-01	1.346E-01	6.656E-07	2.303E-04	1.310E-05	2.316E-05	2.425E-08
2.020E+04	2.795E-01	3.393E-01	1.408E-01	8.450E-07	2.209E-04	1.182E-05	2.242E-05	2.179E-08
2.040E+04	2.872E-01	3.280E-01	1.469E-01	1.067E-06	2.115E-04	1.085E-05	2.166E-05	1.953E-08
2.060E+04	2.948E-01	3.168E-01	1.531E-01	1.342E-06	2.022E-04	9.578E-06	2.089E-05	1.746E-08
2.080E+04	3.023E-01	3.056E-01	1.593E-01	1.680E-06	1.929E-04	8.602E-06	2.009E-05	1.558E-08
2.100E+04	3.096E-01	2.946E-01	1.654E-01	2.093E-06	1.838E-04	7.713E-06	1.929E-05	1.387E-08
2.120E+04	3.169E-01	2.837E-01	1.715E-01	2.596E-06	1.748E-04	6.986E-06	1.849E-05	1.232E-08
2.140E+04	3.239E-01	2.730E-01	1.775E-01	3.206E-06	1.660E-04	6.317E-06	1.768E-05	1.042E-08
2.160E+04	3.309E-01	2.624E-01	1.835E-01	3.944E-06	1.574E-04	5.712E-06	1.687E-05	9.655E-09
2.180E+04	3.376E-01	2.520E-01	1.893E-01	4.833E-06	1.491E-04	5.144E-06	1.608E-05	8.523E-09
2.200E+04	3.442E-01	2.419E-01	1.951E-01	5.898E-06	1.409E-04	4.637E-06	1.529E-05	7.509E-09
2.220E+04	3.507E-01	2.320E-01	2.008E-01	7.170E-06	1.330E-04	4.189E-06	1.451E-05	6.603E-09
2.240E+04	3.569E-01	2.223E-01	2.063E-01	8.686E-06	1.254E-04	3.745E-06	1.376E-05	5.796E-09
2.260E+04	3.630E-01	2.128E-01	2.117E-01	1.048E-05	1.181E-04	3.364E-06	1.302E-05	5.078E-09
2.280E+04	3.689E-01	2.037E-01	2.169E-01	1.261E-05	1.111E-04	2.714E-06	1.230E-05	4.443E-09
2.300E+04	3.746E-01	1.948E-01	2.221E-01	1.511E-05	1.044E-04	2.402E-06	1.160E-05	3.881E-09
2.320E+04	3.80E-01	1.861E-01	2.270E-01	1.806E-05	9.752E-05	2.124E-06	1.093E-05	3.385E-09
2.340E+04	3.854E-01	1.778E-01	2.318E-01	2.150E-05	9.178E-05	1.887E-06	1.028E-05	2.948E-09
2.360E+04	3.905E-01	1.698E-01	2.365E-01	2.552E-05	8.595E-05	1.656E-06	9.662E-06	2.565E-09
2.380E+04	3.954E-01	1.620E-01	2.409E-01	3.021E-05	8.042E-05	1.461E-06	9.068E-06	2.229E-09
2.400E+04	4.001E-01	1.545E-01	2.453E-01	3.565E-05	7.517E-05	1.288E-06	8.502E-06	1.935E-09
2.420E+04	4.047E-01	1.473E-01	2.494E-01	4.195E-05	7.022E-05	1.195E-06	7.963E-06	1.678E-09
2.440E+04	4.091E-01	1.405E-01	2.534E-01	4.922E-05	6.554E-05	9.980E-07	7.451E-06	1.454E-09
2.460E+04	4.133E-01	1.338E-01	2.572E-01	5.760E-05	6.114E-05	8.782E-07	6.966E-06	1.259E-09
2.480E+04	4.173E-01	1.275E-01	2.608E-01	6.722E-05	5.700E-05	7.736E-07	6.507E-06	1.090E-09
2.500E+04	4.211E-01	1.215E-01	2.643E-01	7.824E-05	5.311E-05	6.804E-07	6.075E-06	9.425E-10

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
6.114E-02	4.873E-04	1.410E-14	2.846E-06	4.071E-01	2.509E-04	5.018E-04	3.378E-04	8.400E+03
8.080E-02	7.172E-04	5.592E-14	4.584E-06	3.766E-01	2.880E-04	3.976E-04	4.791E-04	8.600E+03
1.030E-01	1.023E-03	8.441E-14	7.021E-06	3.422E-01	3.233E-04	3.124E-04	6.373E-04	8.800E+03
1.267E-01	1.416E-03	1.976E-13	1.024E-05	3.053E-01	3.552E-04	2.430E-04	7.974E-04	9.000E+03
1.5C9E-01	1.897E-03	4.319E-13	1.423E-05	2.675E-01	3.828E-04	1.868E-04	9.423E-04	9.200E+03
1.746E-01	2.474E-03	9.067E-13	1.894E-05	2.305E-01	4.053E-04	1.419E-04	1.058E-03	9.400E+03
1.967E-01	3.150E-03	1.835E-12	2.424E-05	1.956E-01	4.224E-04	1.067E-04	1.134E-03	9.600E+03
2.167E-01	3.923E-03	3.595E-12	2.994E-05	1.639E-01	4.340E-04	7.937E-05	1.170E-03	9.800E+03
2.341E-01	4.809E-03	6.852E-12	3.589E-05	1.359E-01	4.405E-04	5.861E-05	1.168E-03	1.000E+04
2.488E-01	5.795E-03	1.263E-11	4.192E-05	1.116E-01	4.426E-04	4.304E-05	1.136E-03	1.020E+04
2.609E-01	6.888E-03	2.276E-11	4.790E-05	9.150E-02	4.410E-04	3.150E-05	1.081E-03	1.040E+04
2.706E-01	8.090E-03	4.005E-11	5.373E-05	7.461E-02	4.363E-04	2.302E-05	1.011E-03	1.060E+04
2.781E-01	9.402E-03	6.894E-11	5.936E-05	6.074E-02	4.294E-04	1.683E-05	9.327E-04	1.080E+04
2.838E-01	1.087E-02	1.163E-10	6.473E-05	4.944E-02	4.207E-04	1.232E-05	8.521E-04	1.100E+04
2.879E-01	1.237E-02	1.923E-10	6.984E-05	4.028E-02	4.109E-04	9.054E-06	7.725E-04	1.120E+04
2.906E-01	1.403E-02	3.124E-10	7.466E-05	3.288E-02	4.003E-04	6.678E-06	6.966E-04	1.140E+04
2.922E-01	1.582E-02	4.990E-10	7.918E-05	2.691E-02	3.892E-04	4.948E-06	6.254E-04	1.160E+04
2.928E-01	1.775E-02	7.844E-10	8.342E-05	2.209E-02	3.778E-04	3.685E-06	5.598E-04	1.180E+04
2.925E-01	1.975E-02	1.214E-09	8.725E-05	1.819E-02	3.663E-04	2.758E-06	5.000E-04	1.200E+04
2.918E-01	2.192E-02	1.353E-09	9.100E-05	1.533E-02	3.548E-04	2.075E-06	4.458E-04	1.220E+04
2.903E-01	2.421E-02	2.790E-09	9.434E-05	1.247E-02	3.434E-04	1.570E-06	3.971E-04	1.240E+04
2.883E-01	2.662E-02	4.145E-09	9.738E-05	1.037E-02	3.321E-04	1.193E-06	3.535E-04	1.260E+04
2.859E-01	2.915E-02	6.085E-09	1.001E-04	8.663E-03	3.210E-04	9.117E-07	3.144E-04	1.280E+04
2.830E-01	3.181E-02	8.826E-09	1.025E-04	7.259E-03	3.101E-04	7.000E-07	2.795E-04	1.300E+04
2.798E-01	3.453E-02	1.266E-08	1.046E-04	6.103E-03	2.994E-04	5.398E-07	2.484E-04	1.320E+04
2.763E-01	3.747E-02	1.797E-08	1.064E-04	5.146E-03	2.890E-04	4.182E-07	2.207E-04	1.340E+04
2.725E-01	4.044E-02	2.524E-08	1.079E-04	4.353E-03	2.787E-04	3.252E-07	1.960E-04	1.360E+04
2.684E-01	4.355E-02	3.510E-08	1.091E-04	3.692E-03	2.686E-04	2.539E-07	1.740E-04	1.380E+04
2.641E-01	4.674E-02	4.836E-08	1.099E-04	3.140E-03	2.587E-04	1.990E-07	1.544E-04	1.400E+04
2.595E-01	5.002E-02	6.603E-08	1.104E-04	2.677E-03	2.490E-04	1.564E-07	1.369E-04	1.420E+04
2.548E-01	5.333E-02	8.939E-08	1.106E-04	2.287E-03	2.395E-04	1.233E-07	1.214E-04	1.440E+04
2.498E-01	5.679E-02	1.200E-07	1.105E-04	1.959E-03	2.302E-04	9.754E-08	1.076E-04	1.460E+04
2.447E-01	5.025E-02	1.598E-07	1.101E-04	1.681E-03	2.211E-04	7.733E-08	9.523E-05	1.480E+04
2.395E-01	6.379E-02	2.112E-07	1.095E-04	1.445E-03	2.121E-04	6.145E-08	8.426E-05	1.500E+04
2.341E-01	6.734E-02	2.770E-07	1.085E-04	1.244E-03	2.033E-04	4.894E-08	7.450E-05	1.520E+04
2.286E-01	7.093E-02	3.607E-07	1.073E-04	1.073E-03	1.947E-04	3.905E-08	6.581E-05	1.540E+04
2.231E-01	7.452E-02	4.665E-07	1.058E-04	9.266E-04	1.862E-04	3.121E-08	5.809E-05	1.560E+04
2.174E-01	7.812E-02	5.994E-07	1.041E-04	8.012E-04	1.779E-04	2.498E-08	5.123E-05	1.580E+04
2.117E-01	8.170E-02	7.631E-07	1.022E-04	6.936E-04	1.698E-04	2.002E-08	4.514E-05	1.600E+04
2.059E-01	8.527E-02	9.707E-07	1.001E-04	6.010E-04	1.619E-04	1.607E-08	3.974E-05	1.620E+04
2.001E-01	8.879E-02	1.224E-06	9.780E-05	5.212E-04	1.542E-04	1.290E-08	3.495E-05	1.640E+04
1.943E-01	9.228E-02	1.535E-06	9.535E-05	4.524E-04	1.466E-04	1.037E-08	3.070E-05	1.660E+04
1.885E-01	9.570E-02	1.914E-06	9.276E-05	3.929E-04	1.393E-04	8.342E-09	2.695E-05	1.680E+04
1.828E-01	9.906E-02	2.374E-06	9.004E-05	3.414E-04	1.321E-04	6.712E-09	2.363E-05	1.700E+04
1.770E-01	1.023E-01	2.929E-06	8.723E-05	2.968E-04	1.252E-04	5.403E-09	2.070E-05	1.720E+04
1.713E-01	1.055E-01	3.597E-06	8.433E-05	2.582E-04	1.185E-04	4.350E-09	1.811E-05	1.740E+04
1.656E-01	1.087E-01	4.395E-06	8.137E-05	2.246E-04	1.120E-04	3.503E-09	1.584E-05	1.760E+04
1.601E-01	1.117E-01	5.345E-06	7.836E-05	1.955E-04	1.057E-04	2.821E-09	1.383E-05	1.780E+04
1.545E-01	1.146E-01	6.471E-06	7.532E-05	1.701E-04	9.957E-05	2.271E-09	1.207E-05	1.800E+04
1.491E-01	1.174E-01	7.801E-06	7.227E-05	1.481E-04	9.371E-05	1.828E-09	1.053E-05	1.820E+04
1.439E-01	1.201E-01	9.366E-06	6.923E-05	1.289E-04	8.808E-05	1.471E-09	9.171E-06	1.840E+04
1.386E-01	1.225E-01	1.120E-05	6.619E-05	1.122E-04	8.268E-05	1.183E-09	7.983E-06	1.860E+04
1.335E-01	1.251E-01	1.334E-05	6.319E-05	9.762E-05	7.750E-05	9.510E-10	6.943E-06	1.880E+04
1.285E-01	1.274E-01	1.583E-05	6.022E-05	8.495E-05	7.256E-05	7.642E-10	6.035E-06	1.900E+04
1.235E-01	1.296E-01	1.872E-05	5.731E-05	7.391E-05	6.784E-05	6.137E-10	5.241E-06	1.920E+04
1.189E-01	1.317E-01	2.207E-05	5.446E-05	6.429E-05	6.334E-05	4.925E-10	4.549E-06	1.940E+04
1.143E-01	1.336E-01	2.592E-05	5.167E-05	5.592E-05	5.907E-05	3.950E-10	3.946E-06	1.960E+04
1.098E-01	1.355E-01	3.035E-05	4.896E-05	4.862E-05	5.502E-05	3.165E-10	3.421E-06	1.980E+04
1.054E-01	1.372E-01	3.543E-05	4.633E-05	4.226E-05	5.118E-05	2.535E-10	2.965E-06	2.000E+04
1.012E-01	1.388E-01	4.125E-05	4.378E-05	3.673E-05	4.756E-05	2.028E-10	2.568E-06	2.020E+04
9.714E-02	1.403E-01	4.783E-05	4.137E-05	3.191E-05	4.414E-05	1.622E-10	2.224E-06	2.040E+04
9.321E-02	1.417E-01	5.543E-05	3.896E-05	2.772E-05	4.093E-05	1.296E-10	1.925E-06	2.060E+04
8.941E-02	1.430E-01	6.401E-05	3.669E-05	2.407E-05	3.790E-05	1.035E-10	1.665E-06	2.080E+04
8.575E-02	1.442E-01	7.374E-05	3.451E-05	2.090E-05	3.507E-05	8.256E-11	1.441E-06	2.100E+04
8.223E-02	1.453E-01	8.474E-05	3.243E-05	1.814E-05	3.242E-05	6.583E-11	1.246E-06	2.120E+04
7.883E-02	1.464E-01	9.716E-05	3.045E-05	1.574E-05	2.993E-05	5.245E-11	1.078E-06	2.140E+04
7.557E-02	1.473E-01	1.112E-04	2.856E-05	1.365E-05	2.762E-05	4.177E-11	9.324E-07	2.160E+04
7.244E-02	1.482E-01	1.269E-04	2.677E-05	1.184E-05	2.546E-05	3.324E-11	8.065E-07	2.180E+04
6.943E-02	1.490E-01	1.446E-04	2.507E-05	1.027E-05	2.346E-05	2.644E-11	6.976E-07	2.200E+04
6.654E-02	1.497E-01	1.645E-04	2.346E-05	8.909E-06	2.159E-05	2.102E-11	6.053E-07	2.220E+04
6.378E-02	1.504E-01	1.867E-04	2.194E-05	7.725E-06	1.986E-05	1.771E-11	5.223E-07	2.240E+04
6.113E-02	1.510E-01	2.115E-04	2.050E-05	6.699E-06	1.826E-05	1.328E-11	4.520E-07	2.260E+04
5.859E-02	1.515E-01	2.393E-04	1.915E-05	5.809E-06	1.678E-05	1.055E-11	3.914E-07	2.280E+04
5.617E-02	1.520E-01	2.732E-04	1.788E-05	5.038E-06	1.541E-05	8.375E-12	3.290E-07	2.300E+04
5.384E-02	1.523E-01	3.046E-04	1.668E-05	4.369E-06	1.415E-05	6.651E-12	2.937E-07	2.320E+04
5.163E-02	1.529E-01	3.429E-04	1.556E-05	3.790E-06	1.299E-05	5.282E-12	2.546E-07	2.340E+04
4.950E-02	1.533E-01	3.854E-04	1.450E-05	3.288E-06	1.191E-05	4.195E-12	2.208E-07	2.360E+04
4.748E-02	1.536E-01	4.325E-04	1.352E-05	2.853E-06	1.093E-05	3.332E-12	1.915E-07	2.380E+04
4.554E-02	1.539E-01	4.845E-04	1.259E-05	2.477E-06	1.002E-05	2.647E-12	1.663E-07	2.400E+04
4.369E-02	1.542E-01	5.423E-04	1.173E-05	2.150E-06	9.183E-06	2.104E-12	1.445E-07	2.420E+04
4.193E-02	1.544E-01	6.060E-04	1.092E-05	1.868E-06	8.417E-06	1.673E-12	1.250E-07	2.440E+04
4.024E-02	1.547E-01	6.762E-04	1.017E-05	1.623E-06	7.715E-06	1.330E-12	1.092E-07	2.460E+04
3.863E-02	1.548E-01	7.535E-04	9.470E-06	1.411E-06	7.070E-06	1.059E-12	9.505E-08	2.480E+04
3.709E-02	1.550E-01	8.387E-04	8.810E-06	1.227E-06	6.480E-06	8.433E-13	8.279E-08	2.500E+04

Table II. - Continued.

P/PO = 8.00E+01

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.390E-11	1.760E-18	0.
2.000E+02	0.	8.397E-69	0.	0.	0.	5.024E-11	1.760E-18	0.
3.000E+02	0.	3.657E-47	3.833E-41	0.	0.	4.728E-11	1.760E-18	0.
4.000E+02	0.	2.714E-36	9.336E-64	0.	0.	5.011E-11	1.760E-18	0.
5.000E+02	0.	5.263E-30	2.661E-53	0.	0.	5.041E-11	1.760E-18	0.
6.000E+02	1.385E-95	2.131E-25	2.565E-46	0.	0.	4.974E-11	1.760E-18	3.738E-96
7.000E+02	5.560E-81	2.765E-22	2.592E-41	0.	3.903E-91	4.734E-11	1.760E-18	6.236E-83
8.000E+02	1.263E-69	9.402E-20	9.541E-38	0.	1.021E-78	1.106E-10	1.760E-18	3.033E-72
9.000E+02	7.652E-60	2.588E-17	1.945E-35	0.	1.181E-67	1.845E-09	1.760E-18	4.622E-62
1.000E+03	6.777E-52	2.641E-15	1.214E-33	0.	1.228E-58	2.257E-08	1.760E-18	1.073E-53
1.100E+03	2.222E-45	1.172E-13	3.572E-32	0.	2.976E-51	1.767E-07	1.760E-18	7.646E-47
1.200E+03	6.080E-40	2.772E-12	6.009E-31	0.	4.243E-45	9.003E-07	1.760E-18	3.916E-41
1.300E+03	2.457E-35	4.033E-11	6.573E-30	0.	6.827E-40	4.170E-06	1.760E-18	2.642E-36
1.400E+03	2.207E-31	4.008E-10	5.125E-29	0.	1.979E-35	1.440E-05	1.760E-18	3.631E-32
1.500E+03	5.939E-28	2.934E-09	3.047E-28	0.	1.455E-31	4.207E-05	1.760E-18	1.395E-28
1.600E+03	6.023E-25	1.676E-08	1.453E-27	0.	3.512E-28	1.073E-04	1.760E-18	1.904E-25
1.700E+03	2.721E-22	7.798E-08	5.757E-27	0.	3.385E-25	2.449E-04	1.760E-18	1.108E-22
1.800E+03	5.971E-20	3.059E-07	2.076E-26	0.	1.444E-22	5.090E-04	1.850E-18	3.016E-20
1.900E+03	2.497E-18	1.039E-06	1.949E-25	0.	1.087E-20	9.781E-04	5.782E-18	1.516E-18
2.000E+03	2.554E-17	3.124E-06	4.160E-24	0.	1.874E-19	1.757E-03	4.561E-17	1.813E-17
2.100E+03	1.840E-16	8.452E-06	7.571E-23	0.	2.153E-18	2.980E-03	3.373E-16	6.409E-16
2.200E+03	1.094E-15	2.087E-05	1.072E-21	1.541E-86	1.944E-17	4.805E-03	2.112E-15	9.962E-16
2.300E+03	5.570E-15	4.759E-05	1.221E-20	1.204E-82	1.403E-16	7.410E-03	1.130E-14	5.583E-15
2.400E+03	2.477E-14	1.012E-04	1.134E-19	4.492E-79	8.978E-16	1.098E-02	5.256E-14	2.690E-14
2.500E+03	9.785E-14	2.022E-04	8.827E-19	8.717E-76	4.811E-15	1.571E-02	2.160E-13	1.134E-13
2.600E+03	3.480E-13	3.822E-04	5.873E-18	9.490E-73	2.254E-14	2.176E-02	7.948E-13	4.248E-13
2.700E+03	1.127E-12	6.874E-04	3.398E-17	6.177E-70	9.361E-14	2.926E-02	2.648E-12	1.430E-12
2.800E+03	3.356E-12	1.182E-03	1.734E-16	2.539E-67	3.491E-13	3.827E-02	8.068E-12	4.372E-12
2.900E+03	9.270E-12	1.951E-03	7.908E-16	6.910E-65	1.181E-12	4.879E-02	2.266E-11	1.225E-11
3.000E+03	2.392E-11	3.104E-03	3.257E-15	1.293E-62	3.658E-12	6.071E-02	5.913E-11	3.167E-11
3.100E+03	5.802E-11	4.770E-03	1.223E-14	1.744E-60	1.045E-11	7.383E-02	1.442E-10	7.609E-11
3.200E+03	1.330E-10	7.104E-03	4.226E-14	1.728E-58	2.774E-11	8.786E-02	3.305E-10	1.708E-10
3.300E+03	2.896E-10	1.028E-02	1.352E-13	1.300E-56	6.879E-11	1.024E-01	7.154E-10	3.602E-10
3.400E+03	6.012E-10	1.447E-02	4.035E-13	7.601E-55	1.602E-10	1.171E-01	1.470E-09	7.161E-10
3.500E+03	1.195E-09	1.987E-02	1.129E-12	3.532E-53	3.522E-10	1.313E-01	2.876E-09	1.348E-09
3.600E+03	2.280E-09	2.665E-02	2.982E-12	1.329E-51	7.335E-10	1.446E-01	5.382E-09	2.412E-09
3.700E+03	4.191E-09	3.498E-02	7.459E-12	4.129E-50	1.453E-09	1.446E-01	9.660E-09	4.113E-09
3.800E+03	7.438E-09	4.499E-02	1.776E-11	1.074E-48	2.747E-09	1.668E-01	1.669E-08	6.706E-09
3.900E+03	1.278E-08	5.677E-02	4.038E-11	2.371E-47	4.969E-09	1.750E-01	2.781E-08	1.048E-08
4.000E+03	2.129E-08	7.037E-02	8.805E-11	4.502E-46	8.630E-09	1.808E-01	4.485E-08	1.574E-08
4.100E+03	3.446E-08	8.578E-02	1.846E-10	7.440E-45	1.442E-08	1.842E-01	7.012E-08	2.276E-08
4.200E+03	5.431E-08	1.029E-01	3.734E-10	1.081E-43	2.325E-08	1.852E-01	1.065E-07	3.178E-08
4.300E+03	8.345E-08	1.217E-01	7.303E-10	1.392E-42	3.621E-08	1.838E-01	1.576E-07	4.289E-08
4.400E+03	1.252E-07	1.419E-01	1.384E-09	1.604E-41	5.464E-08	1.801E-01	2.273E-07	5.609E-08
4.500E+03	1.838E-07	1.634E-01	2.548E-09	1.667E-40	7.998E-08	1.745E-01	3.202E-07	7.117E-08
4.600E+03	2.641E-07	1.857E-01	4.565E-09	1.571E-39	1.138E-07	1.671E-01	4.411E-07	8.776E-08
4.700E+03	3.721E-07	2.086E-01	7.968E-09	1.352E-38	1.576E-07	1.583E-01	5.950E-07	1.054E-07
4.800E+03	5.147E-07	2.317E-01	1.358E-08	1.068E-37	2.129E-07	1.485E-01	7.867E-07	1.233E-07
4.900E+03	6.999E-07	2.548E-01	2.261E-08	7.788E-37	2.810E-07	1.379E-01	1.021E-06	1.410E-07
5.000E+03	9.368E-07	2.773E-01	3.683E-08	5.258E-36	3.628E-07	1.269E-01	1.300E-06	1.577E-07
5.100E+03	1.236E-06	2.992E-01	5.874E-08	3.302E-35	4.593E-07	1.158E-01	1.628E-06	1.729E-07
5.200E+03	1.609E-06	3.199E-01	9.183E-08	1.934E-34	5.708E-07	1.048E-01	2.004E-06	1.861E-07
5.300E+03	2.070E-06	3.395E-01	1.408E-07	1.060E-33	6.979E-07	9.420E-02	2.428E-06	1.971E-07
5.400E+03	2.637E-06	3.576E-01	2.117E-07	5.446E-33	8.411E-07	8.425E-02	2.896E-06	2.058E-07
5.500E+03	3.328E-06	3.742E-01	3.127E-07	2.630E-32	1.001E-06	7.478E-02	3.404E-06	2.124E-07
5.600E+03	4.167E-06	3.893E-01	4.534E-07	1.196E-31	1.178E-06	6.625E-02	3.944E-06	2.270E-07
5.700E+03	5.186E-06	4.028E-01	6.461E-07	5.128E-31	1.375E-06	5.831E-02	4.506E-06	2.200E-07
5.800E+03	6.419E-06	4.149E-01	9.048E-07	2.078E-30	1.593E-06	5.127E-02	5.081E-06	2.218E-07
5.900E+03	7.912E-06	4.255E-01	1.246E-06	7.970E-30	1.834E-06	4.499E-02	5.657E-06	2.226E-07
6.000E+03	9.718E-06	4.349E-01	1.689E-06	2.898E-29	2.102E-06	3.943E-02	6.224E-06	2.228E-07
6.100E+03	1.190E-05	4.431E-01	2.253E-06	1.001E-28	2.400E-06	3.454E-02	6.771E-06	2.227E-07
6.200E+03	1.454E-05	4.503E-01	2.961E-06	3.295E-28	2.732E-06	3.027E-02	7.290E-06	2.224E-07
6.300E+03	1.773E-05	4.566E-01	3.838E-06	1.034E-27	3.104E-06	2.653E-02	7.773E-06	2.222E-07
6.400E+03	2.158E-05	4.620E-01	4.909E-06	3.105E-27	3.519E-06	2.329E-02	8.216E-06	2.222E-07
6.500E+03	2.622E-05	4.668E-01	6.201E-06	8.936E-27	3.984E-06	2.047E-02	8.615E-06	2.224E-07
6.600E+03	3.180E-05	4.709E-01	7.742E-06	2.470E-26	4.504E-06	1.802E-02	8.969E-06	2.229E-07
6.700E+03	3.849E-05	4.746E-01	9.561E-06	6.573E-26	5.087E-06	1.590E-02	9.277E-06	2.238E-07
6.800E+03	4.651E-05	4.778E-01	1.169E-05	1.687E-25	5.738E-06	1.406E-02	9.541E-06	2.252E-07
6.900E+03	5.611E-05	4.807E-01	1.415E-05	4.184E-25	6.467E-06	1.246E-02	9.762E-06	2.269E-07
7.000E+03	6.756E-05	4.833E-01	1.698E-05	1.004E-24	7.283E-06	1.107E-02	9.941E-06	2.292E-07
7.100E+03	8.121E-05	4.857E-01	2.021E-05	2.338E-24	8.197E-06	9.865E-03	1.008E-05	2.319E-07
7.200E+03	9.746E-05	4.880E-01	2.385E-05	5.282E-24	9.219E-06	8.814E-03	1.018E-05	2.352E-07
7.300E+03	1.168E-04	4.901E-01	2.795E-05	1.160E-23	1.036E-05	7.898E-03	1.026E-05	2.392E-07
7.400E+03	1.397E-04	4.923E-01	3.252E-05	2.482E-23	1.165E-05	7.088E-03	1.030E-05	2.437E-07
7.500E+03	1.668E-04	4.944E-01	3.760E-05	5.175E-23	1.308E-05	6.309E-03	1.031E-05	2.490E-07
7.600E+03	1.988E-04	4.967E-01	4.320E-05	1.053E-22	1.469E-05	5.708E-03	1.031E-05	2.550E-07
7.700E+03	2.366E-04	4.990E-01	4.936E-05	2.095E-22	1.649E-05	5.252E-03	1.029E-05	2.618E-07
7.800E+03	2.810E-04	5.016E-01	5.612E-05	4.080E-22	1.851E-05	4.782E-03	1.025E-05	2.695E-07
7.900E+03	3.330E-04	5.044E-01	6.351E-05	7.786E-22	2.076E-05	4.369E-03	1.021E-05	2.780E-07
8.000E+03	3.938E-04	5.074E-01	7.159E-05	1.458E-21	2.327E-05	4.005E-03	1.017E-05	2.873E-07
8.200E+03	5.464E-04	5.145E-01	9.009E-05	4.866E-21	2.914E-05	3.483E-03	1.010E-05	3.086E-07

Table II. - Continued.

P/P0 = 8.00E+01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
4.850E-81	4.931E-82	0.	0.	7.019E-66	0.	1.000E+00	0.	7.000E+02
3.516E-67	4.189E-69	0.	0.	2.847E-41	1.920E-81	1.000E+00	0.	8.000E+02
2.634E-57	3.567E-60	0.	0.	5.888E-29	6.562E-61	1.000E+00	0.	9.000E+02
2.608E-50	4.298E-55	0.	0.	1.492E-21	1.468E-48	1.000E+00	0.	1.000E+03
6.202E-45	3.010E-51	0.	0.	1.306E-16	2.590E-40	1.000E+00	0.	2.000E+03
1.542E-40	4.157E-48	0.	0.	4.504E-13	2.140E-34	1.000E+00	1.046E-93	3.000E+03
7.112E-37	1.726E-45	0.	0.	1.296E-10	1.350E-30	1.000E+00	3.264E-79	4.000E+03
8.979E-34	2.849E-43	0.	0.	3.596E-09	6.135E-29	1.000E+00	8.242E-70	5.000E+03
4.095E-31	2.277E-41	0.	0.	4.504E-08	7.942E-28	1.000E+00	1.653E-62	6.000E+03
8.268E-29	1.018E-39	2.564E-95	7.659E-52	3.533E-07	6.347E-27	1.000E+00	1.525E-56	7.000E+03
8.507E-27	2.841E-38	1.091E-91	3.741E-47	1.960E-06	3.585E-26	1.000E+00	1.423E-51	8.000E+03
5.193E-25	5.372E-37	1.747E-88	5.126E-43	8.340E-06	1.552E-25	1.000E+00	2.293E-47	9.000E+03
1.988E-23	7.718E-36	1.365E-85	2.317E-39	2.880E-05	5.450E-25	1.000E+00	9.251E-44	1.000E+04
5.189E-22	2.512E-34	4.754E-82	1.442E-36	8.414E-05	1.620E-24	9.999E-01	1.234E-40	1.500E+04
9.779E-21	1.636E-32	5.885E-78	1.665E-34	2.147E-04	4.202E-24	9.997E-01	6.695E-38	1.600E+04
1.393E-19	8.178E-31	3.987E-74	1.069E-32	4.899E-04	9.750E-24	9.993E-01	1.722E-35	1.700E+04
1.560E-18	2.924E-29	1.196E-70	4.620E-31	5.969E-03	2.437E-20	9.985E-01	2.418E-33	1.800E+04
1.415E-17	7.692E-28	1.850E-67	1.430E-29	5.921E-02	2.508E-19	9.971E-01	2.006E-31	1.900E+04
1.067E-16	1.546E-26	1.563E-64	3.311E-28	1.487E-02	2.115E-18	9.947E-01	1.070E-29	2.000E+04
6.843E-16	2.442E-25	7.750E-62	5.936E-27	2.207E-02	1.494E-17	9.910E-01	3.905E-28	2.100E+04
3.800E-15	3.146E-24	2.393E-59	8.487E-26	3.163E-02	9.022E-17	9.855E-01	1.027E-26	2.200E+04
1.856E-14	3.350E-23	4.869E-57	9.919E-25	4.391E-02	4.741E-16	9.777E-01	2.030E-25	2.300E+04
8.081E-14	3.016E-22	6.800E-55	9.679E-24	5.921E-02	2.200E-15	9.668E-01	3.124E-24	2.400E+04
3.173E-13	2.337E-21	6.784E-53	8.030E-23	7.773E-02	9.105E-15	9.525E-01	3.856E-23	2.500E+04
1.135E-12	1.581E-20	5.001E-51	5.754E-22	9.953E-02	3.421E-14	9.339E-01	3.912E-22	2.600E+04
3.730E-12	9.464E-20	2.805E-49	3.610E-21	1.245E-01	1.170E-13	9.108E-01	3.332E-21	2.700E+04
1.135E-11	5.071E-19	1.223E-47	2.007E-20	1.524E-01	3.684E-13	8.828E-01	2.428E-20	2.800E+04
3.221E-11	2.456E-18	4.302E-46	9.989E-20	1.828E-01	1.075E-12	8.497E-01	1.536E-19	2.900E+04
8.575E-11	1.086E-17	1.728E-44	4.495E-19	2.151E-01	2.926E-12	8.117E-01	8.552E-19	3.000E+04
2.153E-10	4.415E-17	2.910E-43	1.843E-18	2.486E-01	7.449E-12	7.690E-01	4.241E-18	3.100E+04
5.123E-10	1.664E-16	5.821E-42	6.943E-18	2.824E-01	1.803E-11	7.222E-01	1.893E-17	3.200E+04
1.151E-09	5.849E-16	9.909E-41	2.417E-17	3.159E-01	4.121E-11	6.722E-01	7.673E-17	3.300E+04
2.515E-09	1.930E-15	1.482E-39	7.829E-17	3.482E-01	8.973E-11	6.199E-01	2.849E-16	3.400E+04
5.229E-09	6.011E-15	1.932E-38	2.372E-16	3.786E-01	1.869E-10	5.664E-01	9.763E-16	3.500E+04
1.047E-08	1.776E-14	2.240E-37	6.756E-16	4.067E-01	3.737E-10	5.128E-01	3.109E-15	3.600E+04
2.026E-08	5.000E-14	2.325E-36	1.818E-15	4.320E-01	7.201E-10	4.602E-01	9.255E-15	3.700E+04
3.799E-08	1.347E-13	2.174E-35	4.641E-15	4.542E-01	1.341E-09	4.095E-01	2.591E-14	3.800E+04
6.923E-08	3.486E-13	1.864E-34	1.129E-14	4.733E-01	2.423E-09	3.616E-01	6.861E-14	3.900E+04
1.229E-07	8.699E-13	1.466E-33	2.624E-14	4.892E-01	4.256E-09	3.168E-01	1.726E-13	4.000E+04
2.130E-07	2.099E-12	1.064E-32	5.853E-14	5.022E-01	7.287E-09	2.758E-01	4.148E-13	4.100E+04
3.614E-07	4.912E-12	7.183E-32	1.257E-13	5.123E-01	1.219E-08	2.423E-01	9.556E-13	4.200E+04
6.011E-07	1.117E-11	4.530E-31	2.605E-13	5.199E-01	1.997E-08	2.053E-01	2.120E-12	4.300E+04
9.822E-07	2.477E-11	2.682E-30	5.227E-13	5.253E-01	3.208E-08	1.758E-01	4.545E-12	4.400E+04
1.579E-06	5.363E-11	1.497E-29	1.018E-12	5.287E-01	5.064E-08	1.499E-01	9.452E-12	4.500E+04
2.500E-06	1.135E-10	7.901E-28	1.930E-12	5.305E-01	7.853E-08	1.273E-01	1.912E-11	4.600E+04
3.906E-06	2.350E-10	3.956E-28	3.569E-12	5.311E-01	1.202E-07	1.078E-01	3.774E-11	4.700E+04
6.025E-06	4.786E-10	1.883E-27	6.451E-12	5.307E-01	1.813E-07	9.108E-02	7.289E-11	4.800E+04
9.185E-06	9.536E-10	8.533E-27	1.142E-11	5.279E-01	2.696E-07	7.679E-02	1.380E-10	4.900E+04
1.385E-05	1.864E-09	3.087E-26	1.985E-11	5.275E-01	3.958E-07	6.465E-02	2.568E-10	5.000E+04
2.067E-05	3.575E-09	1.521E-25	3.35E-11	5.237E-01	5.735E-07	5.439E-02	4.704E-10	5.100E+04
3.054E-05	6.729E-09	5.990E-25	5.716E-11	5.215E-01	8.204E-07	4.574E-02	8.492E-10	5.200E+04
4.68E-05	1.243E-08	2.254E-24	9.495E-11	5.193E-01	1.159E-06	3.847E-02	1.513E-09	5.300E+04
6.477E-05	2.252E-08	8.111E-24	1.558E-10	5.173E-01	1.616E-06	3.238E-02	2.662E-09	5.400E+04
9.304E-05	4.005E-08	2.791E-23	2.528E-10	5.153E-01	2.225E-06	2.729E-02	4.531E-09	5.500E+04
1.325E-04	6.988E-08	9.194E-23	4.059E-10	5.135E-01	4.061E-06	2.303E-02	7.963E-09	5.600E+04
1.869E-04	1.197E-07	2.902E-22	6.456E-10	5.119E-01	5.382E-06	1.948E-02	1.554E-08	5.700E+04
2.515E-04	2.011E-07	8.783E-22	1.017E-09	5.103E-01	7.047E-06	1.651E-02	2.279E-08	5.800E+04
3.627E-04	3.320E-07	2.553E-21	1.590E-09	5.089E-01	9.118E-06	1.404E-02	3.792E-08	5.900E+04
4.988E-04	5.385E-07	7.139E-21	2.462E-09	5.076E-01	1.166E-05	1.196E-02	6.241E-08	6.000E+04
6.803E-04	8.587E-07	1.923E-20	3.782E-09	5.064E-01	1.475E-05	1.023E-02	1.016E-07	6.100E+04
9.204E-04	1.347E-06	4.995E-20	5.761E-09	5.051E-01	1.847E-05	8.774E-03	1.636E-07	6.200E+04
1.235E-03	2.079E-06	1.254E-19	8.704E-09	5.039E-01	2.289E-05	7.551E-03	2.605E-07	6.300E+04
1.645E-03	3.160E-05	3.045E-19	1.304E-08	5.026E-01	2.810E-05	6.519E-03	4.103E-07	6.400E+04
2.173E-03	4.731E-06	7.164E-19	1.939E-08	5.012E-01	3.418E-05	5.648E-03	6.391E-07	6.500E+04
2.848E-03	6.983E-06	1.635E-18	2.859E-08	4.997E-01	4.120E-05	4.909E-03	9.845E-07	6.600E+04
3.705E-03	1.016E-05	3.623E-18	4.181E-08	4.980E-01	4.923E-05	4.280E-03	1.500E-06	6.700E+04
4.783E-03	1.459E-05	7.805E-18	6.066E-08	4.960E-01	5.835E-05	3.744E-03	2.260E-05	6.800E+04
6.128E-03	2.066E-05	1.636E-17	8.731E-08	4.936E-01	6.859E-05	3.285E-03	3.367E-06	6.900E+04
7.790E-03	2.881E-05	3.339E-17	1.246E-07	4.907E-01	7.997E-05	2.891E-03	4.961E-06	7.000E+04
9.829E-03	3.984E-05	6.642E-17	1.765E-07	4.874E-01	9.252E-05	2.551E-03	7.230E-06	7.100E+04
1.230E-02	5.427E-05	1.249E-16	2.479E-07	4.833E-01	1.062E-04	2.237E-03	1.042E-05	7.200E+04
1.528E-02	7.302E-05	2.441E-16	3.451E-07	4.786E-01	1.210E-04	1.263E-03	1.484E-05	7.300E+04
1.883E-02	9.703E-05	4.518E-16	4.763E-07	4.730E-01	1.368E-04	1.130E-03	7.276E-05	7.400E+04
2.301E-02	1.274E-04	8.177E-16	6.512E-07	4.664E-01	1.536E-04	1.011E-03	9.622E-05	7.500E+04
2.788E-02	1.653E-04	1.449E-15	8.818E-07	4.588E-01	1.711E-04	9.060E-04	1.255E-04	7.600E+04
3.989E-02	2.590E-04	4.281E-15	1.568E-06	4.401E-01	2.082E-04	7.273E-04	2.045E-04	7.700E+04

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
8.400E+03	7.489E-04	5.230E-01	1.123E-04	1.532E-20	3.629E-05	2.932E-03	1.007E-05	3.330E-07
8.600E+03	1.012E-03	5.329E-01	1.391E-04	4.595E-20	4.483E-05	2.560E-03	1.013E-05	3.600E-07
8.800E+03	1.346E-03	5.441E-01	1.718E-04	1.324E-19	5.479E-05	2.261E-03	1.028E-05	3.886E-07
9.000E+03	1.760E-03	5.561E-01	2.119E-04	3.689E-19	6.614E-05	2.015E-03	1.052E-05	4.173E-07
9.200E+03	2.262E-03	5.684E-01	2.609E-04	9.968E-19	7.874E-05	1.810E-03	1.086E-05	4.448E-07
9.400E+03	2.860E-03	5.806E-01	3.209E-04	2.620E-18	9.240E-05	1.633E-03	1.127E-05	4.766E-07
9.600E+03	3.559E-03	5.921E-01	3.938E-04	6.703E-18	1.068E-04	1.477E-03	1.176E-05	5.036E-07
9.800E+03	4.365E-03	6.026E-01	4.821E-04	1.671E-17	1.218E-04	1.338E-03	1.230E-05	5.061E-07
1.000E+04	5.282E-03	6.118E-01	5.881E-04	4.059E-17	1.371E-04	1.213E-03	1.288E-05	5.168E-07
1.020E+04	6.315E-03	6.196E-01	7.147E-04	9.612E-17	1.523E-04	1.099E-03	1.349E-05	5.223E-07
1.040E+04	7.470E-03	6.260E-01	8.648E-04	2.219E-16	1.675E-04	9.962E-04	1.412E-05	5.230E-07
1.060E+04	8.753E-03	6.312E-01	1.042E-03	4.994E-16	1.824E-04	9.029E-04	1.477E-05	5.196E-07
1.080E+04	1.017E-02	6.351E-01	1.248E-03	1.097E-15	1.971E-04	8.185E-04	1.543E-05	5.129E-07
1.100E+04	1.173E-02	6.380E-01	1.489E-03	2.351E-15	2.113E-04	7.425E-04	1.610E-05	5.033E-07
1.120E+04	1.343E-02	6.400E-01	1.767E-03	4.921E-15	2.251E-04	6.740E-04	1.678E-05	4.918E-07
1.140E+04	1.529E-02	6.412E-01	2.087E-03	1.007E-14	2.385E-04	6.125E-04	1.746E-05	4.786E-07
1.160E+04	1.731E-02	6.418E-01	2.454E-03	2.015E-14	2.515E-04	5.573E-04	1.814E-05	4.644E-07
1.180E+04	1.950E-02	6.417E-01	2.871E-03	3.946E-14	2.641E-04	5.077E-04	1.882E-05	4.495E-07
1.200E+04	2.187E-02	6.411E-01	3.344E-03	7.577E-14	2.762E-04	4.631E-04	1.951E-05	4.341E-07
1.220E+04	2.441E-02	6.401E-01	3.879E-03	1.426E-13	2.878E-04	4.231E-04	2.019E-05	4.185E-07
1.240E+04	2.715E-02	6.387E-01	4.481E-03	2.633E-13	2.990E-04	3.871E-04	2.088E-05	4.028E-07
1.260E+04	3.008E-02	6.368E-01	5.155E-03	4.776E-13	3.096E-04	3.546E-04	2.156E-05	3.872E-07
1.280E+04	3.320E-02	6.346E-01	5.907E-03	8.512E-13	3.198E-04	3.252E-04	2.224E-05	3.717E-07
1.300E+04	3.653E-02	6.321E-01	6.744E-03	1.492E-12	3.294E-04	2.987E-04	2.291E-05	3.564E-07
1.320E+04	4.006E-02	6.293E-01	7.671E-03	2.575E-12	3.384E-04	2.746E-04	2.358E-05	3.413E-07
1.340E+04	4.381E-02	6.261E-01	8.697E-03	4.375E-12	3.469E-04	2.528E-04	2.424E-05	3.265E-07
1.360E+04	4.776E-02	6.227E-01	9.826E-03	7.327E-12	3.547E-04	2.329E-04	2.488E-05	3.120E-07
1.380E+04	5.192E-02	6.189E-01	1.107E-02	1.210E-11	3.620E-04	2.147E-04	2.552E-05	2.978E-07
1.400E+04	5.630E-02	6.149E-01	1.242E-02	1.971E-11	3.686E-04	1.982E-04	2.614E-05	2.839E-07
1.420E+04	6.089E-02	6.105E-01	1.390E-02	3.171E-11	3.745E-04	1.830E-04	2.674E-05	2.704E-07
1.440E+04	6.569E-02	6.058E-01	1.552E-02	5.037E-11	3.797E-04	1.691E-04	2.732E-05	2.572E-07
1.460E+04	7.070E-02	6.009E-01	1.727E-02	7.908E-11	3.842E-04	1.563E-04	2.787E-05	2.443E-07
1.480E+04	7.591E-02	5.956E-01	1.916E-02	1.227E-10	3.880E-04	1.446E-04	2.841E-05	2.318E-07
1.500E+04	8.133E-02	5.901E-01	2.121E-02	1.884E-10	3.911E-04	1.338E-04	2.891E-05	2.197E-07
1.520E+04	8.695E-02	5.842E-01	2.341E-02	2.861E-10	3.934E-04	1.240E-04	2.938E-05	2.079E-07
1.540E+04	9.276E-02	5.780E-01	2.577E-02	4.301E-10	3.950E-04	1.145E-04	2.982E-05	1.965E-07
1.560E+04	9.876E-02	5.716E-01	2.831E-02	6.403E-10	3.959E-04	1.060E-04	3.022E-05	1.854E-07
1.580E+04	1.049E-01	5.648E-01	3.101E-02	9.442E-10	3.960E-04	9.805E-05	3.058E-05	1.748E-07
1.600E+04	1.113E-01	5.577E-01	3.389E-02	1.379E-09	3.954E-04	9.070E-05	3.090E-05	1.644E-07
1.620E+04	1.178E-01	5.503E-01	3.696E-02	1.998E-09	3.941E-04	8.388E-05	3.117E-05	1.545E-07
1.640E+04	1.245E-01	5.427E-01	4.020E-02	2.868E-09	3.921E-04	7.754E-05	3.140E-05	1.449E-07
1.660E+04	1.314E-01	5.347E-01	4.364E-02	4.084E-09	3.893E-04	7.164E-05	3.158E-05	1.356E-07
1.680E+04	1.384E-01	5.265E-01	4.725E-02	5.768E-09	3.859E-04	6.616E-05	3.170E-05	1.268E-07
1.700E+04	1.455E-01	5.179E-01	5.106E-02	8.084E-09	3.818E-04	6.106E-05	3.177E-05	1.183E-07
1.720E+04	1.527E-01	5.091E-01	5.505E-02	1.124E-08	3.771E-04	5.631E-05	3.178E-05	1.102E-07
1.740E+04	1.601E-01	5.001E-01	5.923E-02	1.552E-08	3.718E-04	5.189E-05	3.174E-05	1.024E-07
1.760E+04	1.676E-01	4.908E-01	6.359E-02	2.128E-08	3.659E-04	4.778E-05	3.164E-05	9.505E-08
1.780E+04	1.751E-01	4.812E-01	6.813E-02	2.897E-08	3.595E-04	4.395E-05	3.148E-05	8.802E-08
1.800E+04	1.828E-01	4.714E-01	7.284E-02	3.918E-08	3.525E-04	4.039E-05	3.126E-05	8.135E-08
1.820E+04	1.905E-01	4.614E-01	7.772E-02	5.263E-08	3.451E-04	3.707E-05	3.098E-05	7.504E-08
1.840E+04	1.983E-01	4.512E-01	8.276E-02	7.026E-08	3.372E-04	3.389E-05	3.064E-05	6.907E-08
1.860E+04	2.061E-01	4.409E-01	8.795E-02	9.321E-08	3.289E-04	3.113E-05	3.025E-05	6.344E-08
1.880E+04	2.139E-01	4.303E-01	9.328E-02	1.229E-07	3.202E-04	2.847E-05	2.980E-05	5.815E-08
1.900E+04	2.218E-01	4.196E-01	9.874E-02	1.611E-07	3.112E-04	2.601E-05	2.930E-05	5.318E-08
1.920E+04	2.297E-01	4.088E-01	1.043E-01	2.101E-07	3.020E-04	2.373E-05	2.875E-05	4.856E-08
1.940E+04	2.375E-01	3.979E-01	1.100E-01	2.723E-07	2.925E-04	2.162E-05	2.815E-05	4.420E-08
1.960E+04	2.454E-01	3.869E-01	1.158E-01	3.511E-07	2.828E-04	1.967E-05	2.751E-05	4.016E-08
1.980E+04	2.532E-01	3.759E-01	1.216E-01	4.503E-07	2.729E-04	1.786E-05	2.682E-05	3.641E-08
2.000E+04	2.610E-01	3.648E-01	1.276E-01	5.747E-07	2.630E-04	1.621E-05	2.610E-05	3.293E-08
2.020E+04	2.687E-01	3.537E-01	1.335E-01	7.297E-07	2.530E-04	1.468E-05	2.534E-05	2.972E-08
2.040E+04	2.763E-01	3.426E-01	1.396E-01	9.220E-07	2.429E-04	1.328E-05	2.456E-05	2.677E-08
2.060E+04	2.839E-01	3.315E-01	1.456E-01	1.159E-06	2.329E-04	1.189E-05	2.375E-05	2.405E-08
2.080E+04	2.913E-01	3.205E-01	1.516E-01	1.452E-06	2.229E-04	1.081E-05	2.293E-05	2.157E-08
2.100E+04	2.987E-01	3.096E-01	1.576E-01	1.809E-06	2.130E-04	9.735E-06	2.208E-05	1.930E-08
2.120E+04	3.060E-01	2.988E-01	1.636E-01	2.245E-06	2.032E-04	8.753E-06	2.123E-05	1.723E-08
2.140E+04	3.131E-01	2.881E-01	1.696E-01	2.774E-06	1.935E-04	7.859E-06	2.037E-05	1.535E-08
2.160E+04	3.201E-01	2.775E-01	1.755E-01	3.413E-06	1.841E-04	7.046E-06	1.951E-05	1.365E-08
2.180E+04	3.269E-01	2.671E-01	1.813E-01	4.183E-06	1.748E-04	6.309E-06	1.865E-05	1.211E-08
2.200E+04	3.336E-01	2.569E-01	1.871E-01	5.107E-06	1.658E-04	5.641E-06	1.780E-05	1.072E-08
2.220E+04	3.401E-01	2.469E-01	1.928E-01	6.211E-06	1.570E-04	5.037E-06	1.696E-05	9.479E-09
2.240E+04	3.465E-01	2.371E-01	1.983E-01	7.526E-06	1.485E-04	4.493E-06	1.612E-05	8.364E-09
2.260E+04	3.527E-01	2.275E-01	2.038E-01	9.087E-06	1.402E-04	4.002E-06	1.531E-05	7.367E-09
2.280E+04	3.588E-01	2.182E-01	2.091E-01	1.093E-05	1.321E-04	3.561E-06	1.451E-05	6.479E-09
2.300E+04	3.646E-01	2.091E-01	2.143E-01	1.311E-05	1.246E-04	3.165E-06	1.374E-05	5.688E-09
2.320E+04	3.703E-01	2.003E-01	2.194E-01	1.567E-05	1.173E-04	2.811E-06	1.299E-05	4.987E-09
2.340E+04	3.758E-01	1.917E-01	2.243E-01	1.867E-05	1.103E-04	2.493E-06	1.226E-05	4.366E-09
2.360E+04	3.811E-01	1.834E-01	2.291E-01	2.217E-05	1.036E-04	2.210E-06	1.156E-05	3.817E-09
2.380E+04	3.862E-01	1.754E-01	2.337E-01	2.625E-05	9.718E-05	1.957E-06	1.088E-05	3.333E-09
2.400E+04	3.912E-01	1.676E-01	2.381E-01	3.098E-05	9.110E-05	1.792E-06	1.023E-05	2.907E-09
2.420E+04	3.959E-01	1.601E-01	2.424E-01	3.647E-05	8.533E-05	1.592E-06	9.614E-06	2.533E-09
2.440E+04	4.005E-01	1.529E-01	2.466E-01	4.281E-05	7.986E-05	1.364E-06	9.02E-06	2.205E-09
2.460E+04	4.049E-01	1.460E-01	2.506E-01	5.011E-05	7.469E-05	1.186E-06	8.461E-06	1.918E-09
2.480E+04	4.092E-01	1.394E-01	2.544E-01	5.850E-05	6.981E-05	1.056E-06	7.927E-06	1.667E-09
2.500E+04	4.132E-01	1.330E-01	2.580E-01	6.812E-05	6.521E-05	9.322E-07	7.421E-06	1.448E-09



Table II. - Continued.

L	C+	C++	C-	CO	CO+	CO2	C2	T
5.510E-02	4.190E-04	1.175E-14	2.468E-06	4.165E-01	2.468E-04	5.826E-04	3.136E-04	8.400E+03
7.342E-02	6.267E-04	3.018E-14	4.331E-06	3.881E-01	2.834E-04	4.646E-04	4.520E-04	8.600E+03
9.439E-02	9.028E-04	7.314E-14	6.700E-06	3.555E-01	3.226E-04	3.677E-04	6.122E-04	8.800E+03
1.172E-01	1.257E-03	1.682E-13	9.874E-06	3.199E-01	3.571E-04	2.883E-04	7.803E-04	9.000E+03
1.410E-01	1.696E-03	3.695E-13	1.389E-05	2.829E-01	3.875E-04	2.237E-04	9.395E-04	9.200E+03
1.645E-01	2.226E-03	7.790E-13	1.870E-05	2.460E-01	4.131E-04	1.716E-04	1.074E-03	9.400E+03
1.870E-01	2.852E-03	1.582E-12	2.420E-05	2.107E-01	4.333E-04	1.302E-04	1.172E-03	9.600E+03
2.076E-01	3.575E-03	3.108E-12	3.01E-05	1.781E-01	4.480E-04	9.782E-05	1.228E-03	9.800E+03
2.259E-01	4.398E-03	5.920E-12	3.655E-05	1.489E-01	4.573E-04	7.289E-05	1.244E-03	1.000E+04
2.416E-01	5.321E-03	1.094E-11	4.306E-05	1.234E-01	4.618E-04	5.396E-05	1.224E-03	1.020E+04
2.548E-01	6.347E-03	1.979E-11	4.956E-05	1.016E-01	4.621E-04	3.978E-05	1.177E-03	1.040E+04
2.655E-01	7.476E-03	3.487E-11	5.596E-05	8.322E-02	4.590E-04	2.926E-05	1.112E-03	1.060E+04
2.740E-01	8.712E-03	6.008E-11	6.216E-05	6.816E-02	4.533E-04	2.151E-05	1.034E-03	1.080E+04
2.805E-01	1.006E-02	1.014E-10	6.811E-05	5.572E-02	4.455E-04	1.584E-05	9.515E-04	1.100E+04
2.854E-01	1.151E-02	1.579E-10	7.378E-05	4.556E-02	4.352E-04	1.168E-05	8.678E-04	1.120E+04
2.888E-01	1.308E-02	2.729E-10	7.915E-05	3.731E-02	4.258E-04	8.651E-06	7.864E-04	1.140E+04
2.910E-01	1.476E-02	4.362E-10	8.420E-05	3.062E-02	4.148E-04	6.431E-06	7.091E-04	1.160E+04
2.922E-01	1.656E-02	6.859E-10	8.894E-05	2.519E-02	4.033E-04	4.803E-06	6.372E-04	1.180E+04
2.926E-01	1.848E-02	1.062E-09	9.337E-05	2.079E-02	3.916E-04	3.605E-06	5.711E-04	1.200E+04
2.921E-01	2.052E-02	1.622E-09	9.747E-05	1.722E-02	3.799E-04	2.719E-06	5.109E-04	1.220E+04
2.911E-01	2.258E-02	2.442E-09	1.013E-04	1.431E-02	3.681E-04	2.061E-06	4.564E-04	1.240E+04
2.895E-01	2.496E-02	3.629E-09	1.047E-04	1.153E-02	3.565E-04	1.571E-06	4.073E-04	1.260E+04
2.874E-01	2.736E-02	5.328E-09	1.079E-04	9.977E-03	3.450E-04	1.203E-06	3.633E-04	1.280E+04
2.849E-01	2.987E-02	7.731E-09	1.107E-04	8.374E-03	3.337E-04	9.252E-07	3.238E-04	1.300E+04
2.821E-01	3.250E-02	1.10E-08	1.131E-04	7.052E-03	3.226E-04	7.151E-07	2.885E-04	1.320E+04
2.789E-01	3.524E-02	1.574E-08	1.153E-04	5.957E-03	3.117E-04	5.551E-07	2.569E-04	1.340E+04
2.754E-01	3.808E-02	2.212E-08	1.171E-04	5.047E-03	3.009E-04	4.327E-07	2.287E-04	1.360E+04
2.716E-01	4.102E-02	3.077E-08	1.185E-04	4.288E-03	2.904E-04	3.386E-07	2.036E-04	1.380E+04
2.675E-01	4.406E-02	4.241E-08	1.197E-04	3.653E-03	2.801E-04	2.659E-07	1.811E-04	1.400E+04
2.633E-01	4.718E-02	5.792E-08	1.205E-04	3.120E-03	2.700E-04	2.095E-07	1.611E-04	1.420E+04
2.588E-01	5.038E-02	7.843E-08	1.209E-04	2.672E-03	2.600E-04	1.656E-07	1.422E-04	1.440E+04
2.541E-01	5.366E-02	1.053E-07	1.211E-04	2.297E-03	2.502E-04	1.313E-07	1.272E-04	1.460E+04
2.493E-01	5.699E-02	1.403E-07	1.209E-04	1.971E-03	2.406E-04	1.044E-07	1.129E-04	1.480E+04
2.443E-01	6.037E-02	1.854E-07	1.204E-04	1.698E-03	2.312E-04	8.318E-08	1.002E-04	1.500E+04
2.392E-01	6.380E-02	2.433E-07	1.196E-04	1.465E-03	2.220E-04	6.643E-08	8.788E-05	1.520E+04
2.340E-01	6.726E-02	3.169E-07	1.185E-04	1.266E-03	2.129E-04	5.310E-08	7.876E-05	1.540E+04
2.286E-01	7.074E-02	4.101E-07	1.171E-04	1.096E-03	2.040E-04	4.262E-08	6.974E-05	1.560E+04
2.232E-01	7.422E-02	5.270E-07	1.155E-04	9.502E-04	1.953E-04	3.423E-08	6.171E-05	1.580E+04
2.177E-01	7.771E-02	6.731E-07	1.136E-04	8.246E-04	1.868E-04	2.752E-08	5.455E-05	1.600E+04
2.121E-01	8.118E-02	8.543E-07	1.115E-04	7.164E-04	1.784E-04	2.216E-08	4.818E-05	1.620E+04
2.065E-01	8.463E-02	1.078E-06	1.093E-04	6.230E-04	1.702E-04	1.787E-08	4.252E-05	1.640E+04
2.009E-01	8.803E-02	1.352E-06	1.068E-04	5.422E-04	1.622E-04	1.441E-08	3.749E-05	1.660E+04
1.952E-01	9.142E-02	1.687E-06	1.041E-04	4.723E-04	1.544E-04	1.164E-08	3.303E-05	1.680E+04
1.896E-01	9.474E-02	2.093E-06	1.013E-04	4.116E-04	1.468E-04	9.403E-09	2.907E-05	1.700E+04
1.840E-01	9.799E-02	2.584E-06	9.843E-05	3.589E-04	1.395E-04	7.600E-09	2.556E-05	1.720E+04
1.784E-01	1.012E-01	3.173E-06	9.541E-05	3.132E-04	1.323E-04	6.149E-09	2.245E-05	1.740E+04
1.728E-01	1.043E-01	3.879E-06	9.230E-05	2.733E-04	1.253E-04	4.971E-09	1.971E-05	1.760E+04
1.673E-01	1.073E-01	4.720E-06	8.913E-05	2.366E-04	1.185E-04	4.021E-09	1.728E-05	1.780E+04
1.619E-01	1.102E-01	5.717E-06	8.591E-05	2.083E-04	1.120E-04	3.252E-09	1.514E-05	1.800E+04
1.565E-01	1.130E-01	6.896E-06	8.265E-05	1.820E-04	1.057E-04	2.630E-09	1.325E-05	1.820E+04
1.512E-01	1.158E-01	8.282E-06	7.939E-05	1.589E-04	9.961E-05	2.127E-09	1.159E-05	1.840E+04
1.460E-01	1.184E-01	9.908E-06	7.612E-05	1.388E-04	9.375E-05	1.719E-09	1.013E-05	1.860E+04
1.409E-01	1.209E-01	1.181E-05	7.287E-05	1.212E-04	8.913E-05	1.387E-09	8.845E-06	1.880E+04
1.359E-01	1.233E-01	1.402E-05	6.965E-05	1.059E-04	8.274E-05	1.122E-09	7.718E-06	1.900E+04
1.305E-01	1.256E-01	1.658E-05	6.646E-05	9.247E-05	7.758E-05	9.062E-10	6.721E-06	1.920E+04
1.250E-01	1.277E-01	1.955E-05	6.333E-05	8.074E-05	7.265E-05	7.313E-10	5.865E-06	1.940E+04
1.196E-01	1.298E-01	2.297E-05	6.026E-05	7.049E-05	6.795E-05	5.898E-10	5.108E-06	1.960E+04
1.171E-01	1.317E-01	2.691E-05	5.726E-05	6.153E-05	6.348E-05	4.757E-10	4.446E-06	1.980E+04
1.135E-01	1.336E-01	3.142E-05	5.434E-05	5.369E-05	5.923E-05	3.829E-10	3.868E-06	2.000E+04
1.084E-01	1.353E-01	3.638E-05	5.149E-05	4.684E-05	5.521E-05	3.082E-10	3.364E-06	2.020E+04
1.042E-01	1.369E-01	4.247E-05	4.874E-05	4.086E-05	5.140E-05	2.479E-10	2.924E-06	2.040E+04
1.002E-01	1.384E-01	4.918E-05	4.608E-05	3.563E-05	4.780E-05	1.992E-10	2.540E-06	2.060E+04
9.627E-02	1.398E-01	5.680E-05	4.352E-05	3.106E-05	4.440E-05	1.600E-10	2.207E-06	2.080E+04
9.250E-02	1.411E-01	6.543E-05	4.105E-05	2.707E-05	4.121E-05	1.285E-10	1.916E-06	2.100E+04
8.886E-02	1.423E-01	7.520E-05	3.868E-05	2.359E-05	3.821E-05	1.030E-10	1.664E-06	2.120E+04
8.535E-02	1.435E-01	8.622E-05	3.642E-05	2.055E-05	3.539E-05	8.261E-11	1.444E-06	2.140E+04
8.196E-02	1.445E-01	9.865E-05	3.425E-05	1.790E-05	3.275E-05	6.618E-11	1.254E-06	2.160E+04
7.870E-02	1.455E-01	1.126E-04	3.219E-05	1.559E-05	3.028E-05	5.249E-11	1.088E-06	2.180E+04
7.556E-02	1.464E-01	1.283E-04	3.022E-05	1.357E-05	2.748E-05	4.241E-11	9.444E-07	2.200E+04
7.254E-02	1.472E-01	1.459E-04	2.835E-05	1.182E-05	2.583E-05	3.392E-11	8.193E-07	2.220E+04
6.964E-02	1.480E-01	1.656E-04	2.658E-05	1.028E-05	2.383E-05	2.712E-11	7.117E-07	2.240E+04
6.686E-02	1.487E-01	1.876E-04	2.490E-05	8.952E-06	2.198E-05	2.168E-11	6.180E-07	2.260E+04
6.418E-02	1.493E-01	2.121E-04	2.332E-05	7.792E-06	2.025E-05	1.732E-11	5.367E-07	2.280E+04
6.162E-02	1.499E-01	2.395E-04	2.182E-05	6.782E-06	1.865E-05	1.383E-11	4.662E-07	2.300E+04
5.916E-02	1.504E-01	2.699E-04	2.040E-05	3.903E-06	1.717E-05	1.105E-11	4.051E-07	2.320E+04
5.680E-02	1.509E-01	3.038E-04	1.907E-05	3.138E-06	1.580E-05	8.824E-12	3.522E-07	2.340E+04
5.444E-02	1.514E-01	3.413E-04	1.782E-05	4.473E-06	1.453E-05	7.045E-12	3.063E-07	2.360E+04
5.238E-02	1.518E-01	3.829E-04	1.665E-05	3.895E-06	1.336E-05	5.627E-12	2.665E-07	2.380E+04
5.031E-02	1.522E-01	4.289E-04	1.554E-05	3.392E-06	1.228E-05	4.494E-12	2.319E-07	2.400E+04
4.833E-02	1.525E-01	4.798E-04	1.451E-05	2.954E-06	1.128E-05	3.590E-12	2.020E-07	2.420E+04
4.643E-02	1.528E-01	5.360E-04	1.354E-05	2.574E-06	1.037E-05	2.869E-12	1.760E-07	2.440E+04
4.462E-02	1.531E-01	5.979E-04	1.263E-05	2.244E-06	9.524E-06	2.293E-12	1.534E-07	2.460E+04
4.288E-02	1.534E-01	6.661E-04	1.178E-05	1.956E-06	8.748E-06	1.834E-12	1.319E-07	2.480E+04
4.122E-02	1.536E-01	7.411E-04	1.099E-05	1.706E-06	8.035E-06	1.467E-12	1.168E-07	2.500E+04



Table II. - Continued.

P/PO = 9.00E+01

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.506E-11	1.760E-18	0.
2.000E+02	0.	8.113E-69	0.	0.	0.	5.276E-11	1.760E-18	0.
3.000E+02	0.	3.439E-47	3.622E-81	0.	0.	4.706E-11	1.760E-18	0.
4.000E+02	0.	2.485E-36	9.067E-64	0.	0.	4.725E-11	1.760E-18	0.
5.000E+02	0.	8.746E-30	2.505E-53	0.	0.	5.055E-11	1.760E-18	0.
6.000E+02	1.269E-95	2.040E-25	2.382E-46	0.	0.	5.131E-11	1.760E-18	3.975E-96
7.000E+02	5.177E-81	2.664E-22	2.388E-41	0.	3.945E-91	4.558E-11	1.760E-18	6.843E-83
8.000E+02	1.103E-69	8.789E-20	9.073E-38	0.	9.381E-79	1.088E-10	1.760E-18	2.931E-72
9.000E+02	6.546E-60	2.394E-17	1.869E-35	0.	1.051E-67	1.776E-09	1.760E-18	4.281E-62
1.000E+03	5.792E-52	2.442E-15	1.167E-33	0.	1.092E-58	2.170E-08	1.760E-18	9.921E-54
1.100E+03	1.899E-45	1.084E-13	3.435E-32	0.	2.642E-51	1.699E-07	1.760E-18	7.069E-47
1.200E+03	5.197E-40	2.562E-12	5.778E-31	0.	3.772E-45	9.425E-07	1.760E-18	3.620E-41
1.300E+03	2.100E-35	3.729E-11	6.340E-30	0.	6.068E-40	4.009E-05	1.760E-18	2.443E-36
1.400E+03	1.884E-31	3.705E-10	4.928E-29	0.	1.759E-35	1.304E-05	1.760E-18	3.352E-32
1.500E+03	5.083E-28	2.712E-09	2.930E-28	0.	1.294E-31	4.045E-05	1.760E-18	1.287E-28
1.600E+03	5.147E-25	1.549E-08	1.397E-27	0.	3.122E-28	1.032E-04	1.760E-18	1.761E-25
1.700E+03	2.325E-22	7.209E-08	5.558E-27	0.	3.009E-25	2.355E-04	1.750E-18	1.024E-22
1.800E+03	5.133E-20	2.828E-07	1.985E-26	0.	1.291E-22	4.895E-04	1.839E-18	2.804E-20
1.900E+03	2.247E-18	9.610E-07	1.783E-25	0.	1.018E-20	9.405E-04	5.492E-18	1.475E-18
2.000E+03	2.319E-17	2.868E-06	3.764E-24	0.	1.770E-19	1.690E-03	4.294E-17	1.782E-17
2.100E+03	1.671E-16	7.815E-06	6.853E-23	0.	1.033E-18	2.866E-03	3.176E-16	1.468E-16
2.200E+03	9.928E-16	1.930E-05	9.755E-22	1.369E-86	1.834E-17	4.622E-03	1.990E-15	9.778E-16
2.300E+03	5.048E-15	4.402E-05	1.108E-20	1.069E-82	1.358E-16	7.130E-03	1.066E-14	5.476E-15
2.400E+03	2.244E-14	9.359E-05	1.030E-19	4.003E-79	8.461E-16	1.057E-02	4.955E-14	2.638E-14
2.500E+03	8.857E-14	1.870E-04	8.015E-19	7.777E-76	4.532E-15	1.513E-02	2.043E-13	1.112E-13
2.600E+03	3.148E-13	5.537E-04	5.339E-18	8.475E-73	2.123E-14	2.097E-02	7.522E-12	4.166E-13
2.700E+03	1.019E-12	6.364E-04	3.091E-17	5.520E-70	8.820E-14	2.821E-02	2.509E-12	1.403E-12
2.800E+03	3.036E-12	1.095E-03	1.578E-16	2.271E-67	3.291E-13	3.693E-02	7.650E-12	4.293E-12
2.900E+03	8.387E-12	1.608E-03	7.200E-16	6.175E-65	1.114E-12	4.713E-02	2.151E-11	1.204E-11
3.000E+03	2.165E-11	2.878E-03	2.967E-15	1.157E-62	3.453E-12	5.872E-02	5.617E-11	3.118E-11
3.100E+03	5.253E-11	4.426E-03	1.115E-14	1.560E-60	9.879E-12	7.172E-02	1.371E-10	7.508E-11
3.200E+03	1.205E-10	6.598E-3	3.851E-14	1.545E-58	2.626E-11	8.542E-02	5.146E-10	1.690E-10
3.300E+03	2.625E-10	9.554E-03	1.232E-13	1.162E-56	6.523E-11	9.959E-02	6.820E-10	3.572E-10
3.400E+03	5.456E-10	1.347E-02	3.678E-13	6.767E-55	1.523E-10	1.141E-01	1.403E-09	7.125E-10
3.500E+03	1.086E-09	1.852E-02	1.030E-12	3.151E-53	3.354E-10	1.283E-01	2.749E-09	1.346E-09
3.600E+03	2.074E-09	2.487E-02	2.719E-12	1.184E-51	7.007E-10	1.417E-01	5.151E-09	2.418E-09
3.700E+03	3.818E-09	3.269E-02	6.807E-12	3.673E-50	1.392E-09	1.539E-01	9.260E-09	4.142E-09
3.800E+03	6.788E-07	4.211E-02	1.617E-11	9.534E-49	2.639E-09	1.644E-01	1.602E-08	6.786E-09
3.900E+03	1.168E-08	5.323E-02	3.681E-11	2.101E-47	4.793E-09	1.730E-01	2.677E-08	1.066E-08
4.000E+03	1.950E-08	6.610E-02	8.025E-11	3.981E-46	8.355E-09	1.795E-01	4.319E-08	1.610E-08
4.100E+03	3.164E-08	8.773E-02	1.682E-10	6.563E-45	1.402E-08	1.835E-01	6.764E-08	3.343E-08
4.200E+03	4.998E-08	5.708E-02	3.401E-10	9.505E-44	2.270E-08	1.653E-01	1.029E-07	3.292E-08
4.300E+03	7.700E-08	1.150E-01	6.649E-10	1.221E-42	3.557E-08	1.846E-01	1.525E-07	4.473E-08
4.400E+03	1.158E-07	1.344E-01	1.260E-09	1.403E-41	5.386E-08	1.18E-01	2.704E-07	5.891E-08
4.500E+03	1.705E-07	1.551E-01	2.313E-09	1.453E-40	7.925E-08	1.69E-01	3.111E-07	7.531E-08
4.600E+03	2.457E-07	1.767E-01	4.151E-09	1.367E-39	1.134E-07	1.703E-01	4.295E-07	9.361E-08
4.700E+03	3.472E-07	1.990E-01	7.244E-09	1.171E-38	1.579E-07	1.622E-01	5.806E-07	1.133E-07
4.800E+03	4.817E-07	2.217E-01	1.234E-08	9.223E-38	2.145E-07	1.529E-01	7.095E-07	1.237E-07
4.900E+03	6.569E-07	2.444E-01	2.054E-08	6.701E-37	2.847E-07	1.478E-01	1.001E-06	1.562E-07
5.000E+03	8.818E-07	2.668E-01	3.455E-08	4.511E-36	3.697E-07	1.321E-01	1.278E-06	1.739E-07
5.100E+03	1.167E-06	2.886E-01	5.337E-08	2.824E-35	4.705E-07	1.212E-01	1.605E-06	1.927E-07
5.200E+03	1.523E-06	3.095E-01	8.344E-08	1.650E-34	5.880E-07	1.104E-01	1.982E-06	2.086E-07
5.300E+03	1.964E-06	3.293E-01	1.280E-07	7.027E-34	7.224E-07	9.975E-02	2.409E-06	2.227E-07
5.400E+03	2.506E-06	3.479E-01	1.926E-07	4.633E-33	8.749E-07	8.959E-02	2.804E-06	2.343E-07
5.500E+03	3.168E-06	3.650E-01	2.847E-07	2.236E-32	1.046E-06	8.042E-02	3.401E-06	2.434E-07
5.600E+03	3.972E-06	3.806E-01	4.134E-07	1.017E-31	1.236E-06	7.714E-02	3.955E-06	2.503E-07
5.700E+03	4.947E-06	3.947E-01	5.900E-07	4.364E-31	1.444E-06	6.300E-02	4.537E-06	2.551E-07
5.800E+03	6.125E-06	4.074E-01	8.278E-07	1.771E-30	1.67E-06	5.763E-02	5.137E-06	2.583E-07
5.900E+03	7.548E-06	4.187E-01	1.143E-06	6.809E-30	1.93E-06	4.980E-02	5.743E-06	2.602E-07
6.000E+03	9.265E-06	4.287E-01	1.592E-06	2.484E-29	2.222E-06	4.310E-02	6.344E-06	2.612E-07
6.100E+03	1.134E-05	4.375E-01	2.076E-06	8.611E-29	2.539E-06	3.788E-02	6.930E-06	2.617E-07
6.200E+03	1.384E-05	4.453E-01	2.735E-06	2.843E-28	2.892E-06	3.329E-02	7.491E-06	2.618E-07
6.300E+03	1.685E-05	4.520E-01	3.555E-06	8.962E-28	3.245E-06	2.926E-02	8.019E-06	2.619E-07
6.400E+03	2.048E-05	4.579E-01	4.559E-06	2.772E-27	3.721E-06	2.574E-02	8.507E-06	2.621E-07
6.500E+03	2.484E-05	4.631E-01	5.773E-06	7.206E-27	4.212E-06	2.247E-02	9.952E-06	2.625E-07
6.600E+03	3.007E-05	4.76E-01	7.225E-06	2.167E-26	4.779E-06	1.980E-02	9.351E-06	2.631E-07
6.700E+03	3.634E-05	4.716E-01	8.944E-06	7.89E-26	5.369E-06	1.766E-02	9.703E-06	2.642E-07
6.800E+03	4.385E-05	4.751E-01	1.096E-05	1.492E-25	6.051E-06	1.544E-02	1.001E-05	2.656E-07
6.900E+03	5.280E-05	4.783E-01	1.330E-05	3.714E-25	6.813E-06	1.385E-02	1.027E-05	2.675E-07
7.000E+03	6.347E-05	4.817E-01	1.599E-05	8.949E-25	7.663E-06	1.284E-02	1.047E-05	2.700E-07
7.100E+03	7.617E-05	4.837E-01	1.907E-05	2.091E-24	8.612E-06	1.170E-02	1.065E-05	2.730E-07
7.200E+03	9.125E-05	4.860E-01	2.256E-05	4.742E-24	9.67E-06	9.837E-03	1.079E-05	2.766E-07
7.300E+03	1.071E-04	4.883E-01	2.648E-05	1.046E-23	1.07E-05	8.819E-03	1.089E-05	2.808E-07
7.400E+03	1.302E-04	4.905E-01	3.088E-05	2.245E-23	1.218E-05	7.928E-03	1.096E-05	2.857E-07
7.500E+03	1.553E-04	4.927E-01	3.576E-05	4.698E-23	1.366E-05	7.148E-03	1.100E-05	2.915E-07
7.600E+03	1.848E-04	4.949E-01	4.116E-05	9.594E-23	1.531E-05	6.485E-03	1.101E-05	2.990E-07
7.700E+03	2.196E-04	4.973E-01	4.711E-05	1.615E-22	1.71E-05	5.866E-03	1.100E-05	3.054E-07
7.800E+03	2.603E-04	4.997E-01	5.363E-05	3.740E-22	1.922E-05	5.339E-03	1.094E-05	3.137E-07
7.900E+03	3.091E-04	5.024E-01	6.076E-05	7.159E-22	2.152E-05	4.876E-03	1.095E-05	3.229E-07
8.000E+03	3.638E-04	5.053E-01	6.859E-05	1.344E-21	2.408E-05	4.468E-03	1.091E-05	3.331E-07
8.200E+03	5.037E-04	5.123E-01	8.644E-05	4.502E-21	3.008E-05	3.791E-03	1.084E-05	3.565E-07

Table II. - Continued.

P/P0 = 9.00E+01

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	6.457E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.690E-41	1.823E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	5.718E-29	6.764E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.406E-21	1.378E-48	1.000E+00	0.	5.000E+02
1.181E-81	4.124E-82	0.	0.	1.213E-16	2.333E-40	1.000E+00	0.	6.000E+02
2.984E-67	3.394E-69	0.	0.	4.150E-13	1.883E-34	1.000E+00	8.476E-94	7.000E+02
3.286E-57	3.283E-60	0.	0.	1.233E-10	1.499E-30	1.000E+00	3.002E-79	8.000E+02
2.408E-50	4.125E-55	0.	0.	3.456E-09	6.126E-29	1.000E+00	7.912E-70	9.000E+02
5.733E-45	3.897E-51	0.	0.	4.330E-08	7.942E-28	1.000E+00	1.589E-62	1.000E+03
1.425E-40	3.97E-48	0.	3.538E-79	3.297E-07	6.347E-27	1.000E+00	1.466E-56	1.100E+03
6.575E-37	1.660E-45	0.	1.190E-70	1.885E-06	3.385E-26	1.000E+00	1.368E-51	1.200E+03
8.301E-34	2.740E-43	0.	1.950E-63	8.019E-06	1.552E-25	1.000E+00	2.205E-47	1.300E+03
3.786E-31	2.189E-41	0.	2.978E-57	2.769E-05	5.450E-25	1.000E+00	8.895E-44	1.400E+03
7.643E-29	1.91E-40	2.564E-95	6.807E-52	8.090E-05	1.620E-24	9.999E-01	1.186E-40	1.500E+03
7.957E-27	2.731E-38	1.091E-91	3.326E-47	2.064E-04	4.202E-24	9.997E-01	6.437E-38	1.600E+03
4.801E-25	5.165E-37	1.746E-88	4.557E-43	4.710E-04	9.749E-24	9.993E-01	1.666E-35	1.700E+03
1.838E-23	3.779E-36	1.349E-85	2.072E-39	9.792E-04	2.153E-23	9.985E-01	2.325E-33	1.800E+03
4.798E-22	2.294E-34	4.288E-82	1.350E-36	1.882E-03	1.256E-22	9.972E-01	1.929E-31	1.900E+03
9.041E-21	1.480E-32	5.214E-78	1.573E-34	3.383E-03	1.796E-21	9.949E-01	1.029E-29	2.000E+03
1.288E-19	7.403E-31	3.443E-74	1.010E-32	5.740E-03	2.295E-20	9.914E-01	3.755E-28	2.100E+03
1.442E-18	2.649E-29	1.062E-70	4.339E-31	9.263E-03	2.364E-19	9.861E-01	9.875E-27	2.200E+03
1.308E-17	6.976E-28	1.646E-67	1.348E-29	1.430E-02	1.995E-18	9.785E-01	1.952E-25	2.300E+03
9.868E-17	1.403E-26	1.392E-64	3.113E-28	2.124E-02	1.411E-17	9.681E-01	3.006E-24	2.400E+03
6.329E-16	2.225E-25	6.913E-62	5.591E-27	3.045E-02	8.329E-17	9.542E-01	3.711E-23	2.500E+03
3.515E-15	2.859E-24	2.136E-59	7.992E-26	4.229E-02	4.486E-16	9.364E-01	3.766E-22	2.600E+03
1.717E-14	3.045E-23	4.350E-57	9.341E-25	5.706E-02	2.082E-15	9.141E-01	3.211E-21	2.700E+03
7.480E-14	2.743E-22	6.077E-55	9.117E-24	7.496E-02	8.610E-15	8.870E-01	2.340E-20	2.800E+03
2.938E-13	2.126E-21	6.063E-53	7.567E-23	9.607E-02	3.244E-14	8.550E-01	1.481E-19	2.900E+03
1.051E-12	1.438E-20	4.409E-51	5.426E-22	1.203E-01	1.111E-13	8.181E-01	8.255E-19	3.000E+03
3.457E-12	8.611E-20	2.506E-49	3.407E-21	1.475E-01	3.499E-13	7.766E-01	4.097E-18	3.100E+03
1.053E-11	4.513E-19	1.092E-47	1.896E-20	1.771E-01	1.022E-12	7.310E-01	1.831E-17	3.200E+03
2.989E-11	2.234E-18	3.836E-46	9.452E-20	2.087E-01	2.784E-12	6.821E-01	7.430E-17	3.300E+03
7.960E-11	9.872E-18	1.091E-44	4.260E-19	2.416E-01	7.119E-12	6.308E-01	2.762E-16	3.400E+03
2.000E-10	4.012E-17	2.587E-43	1.750E-18	2.750E-01	1.717E-11	5.782E-01	9.476E-16	3.500E+03
4.761E-10	1.511E-16	5.165E-42	6.604E-18	3.082E-01	3.929E-11	5.252E-01	3.021E-15	3.600E+03
1.079E-09	5.307E-16	8.824E-41	2.304E-17	3.404E-01	8.559E-11	4.730E-01	9.003E-15	3.700E+03
2.340E-09	1.749E-15	1.308E-39	7.479E-17	3.710E-01	1.783E-10	4.225E-01	2.524E-14	3.800E+03
4.867E-09	5.440E-15	1.700E-38	2.271E-16	3.993E-01	3.567E-10	3.744E-01	6.687E-14	3.900E+03
9.750E-09	1.604E-14	1.963E-37	6.484E-16	4.250E-01	6.874E-10	3.294E-01	1.684E-13	4.000E+03
1.887E-08	4.508E-14	2.029E-36	1.749E-15	4.478E-01	1.280E-09	2.879E-01	4.047E-13	4.100E+03
3.538E-08	1.212E-13	1.889E-35	4.475E-15	4.676E-01	2.312E-09	2.501E-01	9.323E-13	4.200E+03
6.446E-08	3.127E-13	1.613E-34	1.091E-14	4.843E-01	4.059E-09	2.160E-01	2.068E-12	4.300E+03
1.144E-07	7.779E-13	1.260E-33	2.542E-14	4.980E-01	6.944E-09	1.857E-01	4.429E-12	4.400E+03
1.982E-07	1.871E-12	9.090E-33	5.681E-14	5.090E-01	1.161E-08	1.590E-01	9.199E-12	4.500E+03
3.359E-07	4.362E-12	6.094E-32	1.222E-13	5.173E-01	1.899E-08	1.356E-01	1.858E-11	4.600E+03
5.580E-07	9.883E-12	3.816E-31	2.538E-13	5.234E-01	3.046E-08	1.153E-01	3.559E-11	4.700E+03
9.105E-07	2.182E-11	2.243E-30	5.101E-13	5.275E-01	4.799E-08	9.782E-02	7.047E-11	4.800E+03
1.461E-06	4.701E-11	1.242E-29	9.951E-13	5.300E-01	7.439E-08	8.280E-02	1.330E-10	4.900E+03
2.310E-06	9.900E-11	6.508E-29	1.888E-12	5.311E-01	1.135E-07	6.997E-02	2.466E-10	5.000E+03
3.601E-06	2.041E-10	3.234E-28	3.494E-12	5.311E-01	1.708E-07	5.908E-02	4.498E-10	5.100E+03
5.543E-06	4.136E-10	1.528E-27	6.319E-12	5.302E-01	2.536E-07	4.985E-02	8.086E-10	5.200E+03
8.311E-06	8.202E-10	6.877E-27	1.119E-11	5.288E-01	3.715E-07	4.207E-02	1.434E-09	5.300E+03
1.268E-05	1.596E-09	2.953E-26	1.445E-11	5.270E-01	5.374E-07	3.551E-02	2.512E-09	5.400E+03
1.888E-05	3.049E-09	1.211E-25	3.322E-11	5.250E-01	7.678E-07	3.001E-02	4.348E-09	5.500E+03
2.783E-05	5.720E-09	4.748E-25	5.587E-11	5.228E-01	1.083E-06	2.540E-02	7.442E-09	5.600E+03
4.063E-05	1.053E-08	1.780E-24	9.265E-11	5.207E-01	1.510E-06	2.153E-02	1.260E-08	5.700E+03
5.877E-05	1.904E-08	6.388E-24	1.517E-10	5.186E-01	2.079E-06	1.829E-02	2.110E-08	5.800E+03
8.425E-05	3.379E-08	2.195E-23	2.456E-10	5.166E-01	2.826E-06	1.558E-02	3.498E-08	5.900E+03
1.197E-04	5.888E-08	7.223E-23	3.935E-10	5.147E-01	3.795E-06	1.330E-02	5.735E-08	6.000E+03
1.686E-04	1.007E-07	2.280E-22	6.242E-10	5.130E-01	5.033E-06	1.139E-02	9.305E-08	6.100E+03
2.355E-04	1.693E-07	6.906E-22	9.811E-10	5.114E-01	6.597E-06	9.780E-03	1.494E-07	6.200E+03
3.262E-04	2.794E-07	2.010E-21	1.528E-09	5.099E-01	8.546E-06	8.426E-03	2.372E-07	6.300E+03
4.481E-04	4.533E-07	5.630E-21	2.361E-09	5.085E-01	1.095E-05	7.283E-03	3.726E-07	6.400E+03
6.106E-04	7.231E-07	1.519E-20	3.617E-09	5.072E-01	1.387E-05	6.315E-03	5.791E-07	6.500E+03
8.253E-04	1.135E-06	3.956E-20	5.496E-09	5.060E-01	1.739E-05	5.493E-03	8.904E-07	6.600E+03
1.107E-03	1.753E-06	9.955E-20	8.284E-09	5.047E-01	2.159E-05	4.793E-03	1.354E-06	6.700E+03
1.473E-03	2.668E-06	2.424E-19	1.239E-08	5.035E-01	2.654E-05	4.195E-03	2.038E-06	6.800E+03
1.944E-03	3.999E-06	5.720E-19	1.837E-08	5.021E-01	3.233E-05	3.683E-03	3.034E-06	6.900E+03
2.548E-03	5.911E-06	1.309E-18	2.703E-08	5.006E-01	3.905E-05	3.243E-03	4.467E-06	7.000E+03
3.314E-03	8.615E-06	2.911E-18	3.946E-08	4.990E-01	4.676E-05	2.863E-03	6.507E-06	7.100E+03
4.278E-03	1.239E-05	6.292E-18	5.715E-08	4.971E-01	5.552E-05	2.534E-03	9.376E-06	7.200E+03
5.482E-03	1.758E-05	1.324E-17	8.213E-08	4.949E-01	6.540E-05	2.249E-03	1.336E-05	7.300E+03
6.972E-03	2.462E-05	2.712E-17	1.171E-07	4.923E-01	7.643E-05	2.000E-03	1.883E-05	7.400E+03
8.801E-03	3.405E-05	5.417E-17	1.656E-07	4.892E-01	8.463E-05	1.783E-03	2.623E-05	7.500E+03
1.103E-02	4.650E-05	1.056E-16	2.323E-07	4.855E-01	1.020E-04	1.592E-03	3.612E-05	7.600E+03
1.371E-02	6.275E-05	2.008E-16	3.232E-07	4.812E-01	1.165E-04	1.423E-03	4.914E-05	7.700E+03
1.691E-02	8.360E-05	3.734E-16	4.499E-07	4.761E-01	1.321E-04	1.275E-03	6.503E-05	7.800E+03
2.069E-02	1.101E-04	6.790E-16	6.097E-07	4.701E-01	1.487E-04	1.142E-03	8.759E-05	7.900E+03
2.512E-02	1.433E-04	1.208E-15	8.260E-07	4.632E-01	1.662E-04	1.025E-03	1.147E-04	8.000E+03
3.612E-02	2.348E-04	3.603E-15	1.472E-06	4.460E-01	2.035E-04	8.251E-04	1.885E-04	8.200E+03

Table II. - Continued.

T	E-	O	O+	O+	O-	O2	O2+	O2-
8.400E+03	6.894E-04	5.200E-01	1.078E-04	1.420E-20	3.737E-05	3.260E-03	1.082E-05	3.835E-07
8.600E+03	9.311E-04	5.294E-01	1.335E-04	4.259E-20	4.610E-05	2.841E-03	1.086E-05	4.137E-07
8.800E+03	1.239E-03	5.401E-01	1.647E-04	1.225E-19	5.633E-05	2.586E-03	1.100E-05	4.461E-07
9.000E+03	1.622E-03	5.517E-01	2.027E-04	3.403E-19	6.804E-05	2.232E-03	1.123E-05	4.792E-07
9.200E+03	2.089E-03	5.638E-01	2.491E-04	9.163E-19	8.113E-05	2.003E-03	1.157E-05	5.114E-07
9.400E+03	2.646E-03	5.759E-01	3.058E-04	2.398E-18	9.540E-05	1.807E-03	1.199E-05	5.410E-07
9.600E+03	3.300E-03	5.876E-01	3.746E-04	6.112E-18	1.106E-04	1.636E-03	1.249E-05	5.666E-07
9.800E+03	4.056E-03	5.983E-01	4.578E-04	1.518E-17	1.265E-04	1.494E-03	1.305E-05	5.869E-07
1.000E+04	4.919E-03	6.079E-01	5.578E-04	3.674E-17	1.427E-04	1.347E-03	1.365E-05	6.014E-07
1.020E+04	5.893E-03	6.162E-01	6.771E-04	8.674E-17	1.590E-04	1.223E-03	1.430E-05	6.180E-07
1.040E+04	6.983E-03	6.231E-01	8.185E-04	1.997E-16	1.753E-04	1.110E-03	1.497E-05	6.330E-07
1.060E+04	8.195E-03	6.287E-01	9.850E-04	4.484E-16	1.914E-04	1.088E-03	1.566E-05	6.410E-07
1.080E+04	9.534E-03	6.332E-01	1.180E-03	9.828E-16	2.072E-04	9.151E-04	1.636E-05	6.488E-07
1.100E+04	1.101E-02	6.365E-01	1.406E-03	2.103E-15	2.226E-04	8.313E-04	1.707E-05	5.951E-07
1.120E+04	1.262E-02	6.389E-01	1.669E-03	4.396E-15	2.375E-04	7.556E-04	1.779E-05	5.827E-07
1.140E+04	1.438E-02	6.405E-01	1.970E-03	8.983E-15	2.521E-04	6.874E-04	1.852E-05	5.683E-07
1.160E+04	1.629E-02	6.413E-01	2.315E-03	1.796E-14	2.661E-04	6.260E-04	1.924E-05	5.524E-07
1.180E+04	1.837E-02	6.416E-01	2.709E-03	3.515E-14	2.797E-04	5.789E-04	1.997E-05	5.355E-07
1.200E+04	2.061E-02	6.413E-01	3.155E-03	6.741E-14	2.929E-04	5.242E-04	2.071E-05	5.180E-07
1.220E+04	2.302E-02	6.405E-01	3.659E-03	1.268E-13	3.055E-04	4.765E-04	2.144E-05	5.001E-07
1.240E+04	2.561E-02	6.393E-01	4.225E-03	2.340E-13	3.176E-04	4.363E-04	2.217E-05	4.819E-07
1.260E+04	2.839E-02	6.377E-01	4.860E-03	4.240E-13	3.292E-04	3.999E-04	2.290E-05	4.638E-07
1.280E+04	3.136E-02	6.357E-01	5.569E-03	7.554E-13	3.403E-04	3.671E-04	2.363E-05	4.457E-07
1.300E+04	3.451E-02	6.334E-01	6.358E-03	1.324E-12	3.508E-04	3.374E-04	2.435E-05	4.279E-07
1.320E+04	3.787E-02	6.308E-01	7.232E-03	2.282E-12	3.608E-04	3.104E-04	2.507E-05	4.103E-07
1.340E+04	4.143E-02	6.279E-01	8.197E-03	3.876E-12	3.701E-04	2.860E-04	2.577E-05	3.929E-07
1.360E+04	4.515E-02	6.247E-01	9.261E-03	6.488E-12	3.788E-04	2.637E-04	2.647E-05	3.759E-07
1.380E+04	4.914E-02	6.211E-01	1.043E-02	1.071E-11	3.868E-04	2.433E-04	2.715E-05	3.593E-07
1.400E+04	5.331E-02	6.173E-01	1.171E-02	1.744E-11	3.942E-04	2.248E-04	2.782E-05	3.430E-07
1.420E+04	5.768E-02	6.132E-01	1.310E-02	2.804E-11	4.009E-04	2.078E-04	2.847E-05	3.271E-07
1.440E+04	6.226E-02	6.088E-01	1.462E-02	4.452E-11	4.069E-04	1.921E-04	2.911E-05	3.116E-07
1.460E+04	6.704E-02	6.041E-01	1.627E-02	6.986E-11	4.121E-04	1.778E-04	2.972E-05	2.964E-07
1.480E+04	7.202E-02	5.992E-01	1.806E-02	1.084E-10	4.166E-04	1.646E-04	3.030E-05	2.817E-07
1.500E+04	7.720E-02	5.939E-01	1.999E-02	1.663E-10	4.203E-04	1.524E-04	3.085E-05	2.674E-07
1.520E+04	8.257E-02	5.883E-01	2.207E-02	2.525E-10	4.233E-04	1.412E-04	3.138E-05	2.535E-07
1.540E+04	8.814E-02	5.825E-01	2.430E-02	3.794E-10	4.255E-04	1.308E-04	3.187E-05	2.400E-07
1.560E+04	9.389E-02	5.763E-01	2.669E-02	5.645E-10	4.269E-04	1.212E-04	3.232E-05	2.269E-07
1.580E+04	9.982E-02	5.699E-01	2.924E-02	8.320E-10	4.276E-04	1.123E-04	3.273E-05	2.142E-07
1.600E+04	1.059E-01	5.631E-01	3.197E-02	1.215E-09	4.275E-04	1.040E-04	3.310E-05	2.019E-07
1.620E+04	1.122E-01	5.561E-01	3.486E-02	1.759E-09	4.266E-04	9.635E-05	3.343E-05	1.901E-07
1.640E+04	1.186E-01	5.488E-01	3.793E-02	2.525E-09	4.250E-04	8.921E-05	3.370E-05	1.786E-07
1.660E+04	1.252E-01	5.412E-01	4.118E-02	3.594E-09	4.226E-04	8.256E-05	3.393E-05	1.676E-07
1.680E+04	1.320E-01	5.333E-01	4.461E-02	5.074E-09	4.195E-04	7.638E-05	3.410E-05	1.571E-07
1.700E+04	1.389E-01	5.251E-01	4.822E-02	7.109E-09	4.157E-04	7.062E-05	3.422E-05	1.469E-07
1.720E+04	1.459E-01	5.167E-01	5.200E-02	9.885E-09	4.112E-04	6.525E-05	3.428E-05	1.372E-07
1.740E+04	1.530E-01	5.080E-01	5.597E-02	1.365E-08	4.061E-04	6.025E-05	3.428E-05	1.278E-07
1.760E+04	1.602E-01	4.991E-01	6.012E-02	1.870E-08	4.003E-04	5.559E-05	3.422E-05	1.189E-07
1.780E+04	1.676E-01	4.899E-01	6.444E-02	2.546E-08	3.939E-04	5.124E-05	3.410E-05	1.105E-07
1.800E+04	1.750E-01	4.805E-01	6.893E-02	3.442E-08	3.869E-04	4.719E-05	3.391E-05	1.024E-07
1.820E+04	1.825E-01	4.708E-01	7.359E-02	4.623E-08	3.795E-04	4.342E-05	3.367E-05	9.473E-08
1.840E+04	1.901E-01	4.610E-01	7.840E-02	6.171E-08	3.715E-04	3.991E-05	3.336E-05	8.747E-08
1.860E+04	1.977E-01	4.510E-01	8.337E-02	8.187E-08	3.631E-04	3.685E-05	3.300E-05	8.060E-08
1.880E+04	2.053E-01	4.406E-01	8.848E-02	1.080E-07	3.542E-04	3.361E-05	3.257E-05	7.412E-08
1.900E+04	2.130E-01	4.304E-01	9.372E-02	1.415E-07	3.450E-04	3.079E-05	3.209E-05	6.803E-08
1.920E+04	2.208E-01	4.199E-01	9.909E-02	1.845E-07	3.354E-04	2.816E-05	3.156E-05	6.230E-08
1.940E+04	2.285E-01	4.093E-01	1.046E-01	2.392E-07	3.256E-04	2.573E-05	3.097E-05	5.694E-08
1.960E+04	2.362E-01	3.986E-01	1.102E-01	3.084E-07	3.155E-04	2.348E-05	3.033E-05	5.193E-08
1.980E+04	2.439E-01	3.878E-01	1.158E-01	3.956E-07	3.052E-04	2.140E-05	2.964E-05	4.726E-08
2.000E+04	2.516E-01	3.770E-01	1.216E-01	5.049E-07	2.948E-04	1.947E-05	2.892E-05	4.292E-08
2.020E+04	2.592E-01	3.661E-01	1.274E-01	6.412E-07	2.842E-04	1.780E-05	2.815E-05	3.889E-08
2.040E+04	2.668E-01	3.552E-01	1.332E-01	8.104E-07	2.736E-04	1.606E-05	2.735E-05	3.517E-08
2.060E+04	2.743E-01	3.443E-01	1.391E-01	1.019E-06	2.629E-04	1.455E-05	2.652E-05	3.173E-08
2.080E+04	2.817E-01	3.335E-01	1.450E-01	1.276E-06	2.523E-04	1.317E-05	2.567E-05	2.857E-08
2.100E+04	2.891E-01	3.227E-01	1.509E-01	1.591E-06	2.417E-04	1.190E-05	2.479E-05	2.567E-08
2.120E+04	2.963E-01	3.120E-01	1.568E-01	1.975E-06	2.311E-04	1.074E-05	2.390E-05	2.302E-08
2.140E+04	3.034E-01	3.014E-01	1.627E-01	2.441E-06	2.208E-04	9.675E-06	2.300E-05	2.060E-08
2.160E+04	3.104E-01	2.909E-01	1.686E-01	3.004E-06	2.105E-04	8.706E-06	2.209E-05	1.840E-08
2.180E+04	3.173E-01	2.805E-01	1.744E-01	3.683E-06	2.004E-04	7.824E-06	2.118E-05	1.640E-08
2.200E+04	3.241E-01	2.703E-01	1.801E-01	4.498E-06	1.906E-04	7.022E-06	2.027E-05	1.459E-08
2.220E+04	3.307E-01	2.602E-01	1.857E-01	5.472E-06	1.810E-04	6.294E-06	1.937E-05	1.295E-08
2.240E+04	3.372E-01	2.504E-01	1.913E-01	6.632E-06	1.716E-04	5.634E-06	1.847E-05	1.148E-08
2.260E+04	3.435E-01	2.407E-01	1.968E-01	8.010E-06	1.625E-04	5.038E-06	1.759E-05	1.016E-08
2.280E+04	3.496E-01	2.312E-01	2.021E-01	9.641E-06	1.537E-04	4.499E-06	1.673E-05	8.974E-09
2.300E+04	3.556E-01	2.220E-01	2.074E-01	1.156E-05	1.452E-04	4.014E-06	1.588E-05	7.915E-09
2.320E+04	3.614E-01	2.130E-01	2.125E-01	1.383E-05	1.370E-04	3.577E-06	1.505E-05	6.949E-09
2.340E+04	3.670E-01	2.043E-01	2.175E-01	1.648E-05	1.291E-04	3.185E-06	1.425E-05	6.128E-09
2.360E+04	3.725E-01	1.958E-01	2.224E-01	1.957E-05	1.216E-04	2.833E-06	1.347E-05	5.381E-09
2.380E+04	3.778E-01	1.876E-01	2.271E-01	2.318E-05	1.144E-04	2.518E-06	1.272E-05	4.719E-09
2.400E+04	3.829E-01	1.794E-01	2.317E-01	2.737E-05	1.075E-04	2.236E-06	1.200E-05	4.134E-09
2.420E+04	3.878E-01	1.719E-01	2.361E-01	3.223E-05	1.009E-04	1.985E-06	1.130E-05	3.617E-09
2.440E+04	3.926E-01	1.644E-01	2.404E-01	3.784E-05	9.468E-05	1.760E-06	1.064E-05	3.162E-09
2.460E+04	3.972E-01	1.572E-01	2.445E-01	4.431E-05	8.875E-05	1.560E-06	1.000E-05	2.761E-09
2.480E+04	4.016E-01	1.503E-01	2.485E-01	5.174E-05	8.314E-05	1.382E-06	9.394E-06	2.409E-09
2.500E+04	4.059E-01	1.437E-01	2.523E-01	6.027E-05	7.783E-05	1.224E-06	8.816E-06	2.100E-09

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
5.017E-02	3.684E-04	9.974E-15	2.516E-04	4.242E-01	2.427E-04	6.637E-04	2.925E-04	8.400E+03
6.730E-02	3.550E-04	2.582E-14	4.110E-04	3.976E-01	2.824E-04	5.318E-04	4.274E-04	8.630E+03
8.710E-02	8.051E-04	6.297E-14	6.409E-04	3.666E-01	3.213E-04	4.235E-04	5.875E-04	8.800E+03
1.092E-01	1.128E-03	1.457E-13	9.533E-04	3.324E-01	3.578E-04	3.344E-04	7.610E-04	9.000E+03
1.323E-01	1.532E-03	3.215E-13	1.354E-03	2.962E-01	3.908E-04	1.614E-04	9.312E-04	9.200E+03
1.557E-01	2.024E-03	6.903E-13	1.642E-03	2.598E-01	4.191E-04	2.022E-04	1.081E-03	9.400E+03
1.783E-01	2.606E-03	1.386E-12	2.406E-03	2.243E-01	4.421E-04	1.547E-04	1.198E-03	9.600E+03
1.993E-01	3.283E-03	2.730E-12	3.033E-03	1.910E-01	4.556E-04	1.172E-04	1.274E-03	9.800E+03
2.183E-01	4.056E-03	5.211E-12	3.701E-03	1.609E-01	4.715E-04	8.802E-05	1.307E-03	1.000E+04
2.348E-01	4.927E-03	9.670E-12	4.393E-03	1.342E-01	4.783E-04	6.565E-05	1.301E-03	1.020E+04
2.489E-01	5.894E-03	1.748E-11	5.092E-03	1.112E-01	4.807E-04	4.873E-05	1.264E-03	1.040E+04
2.605E-01	6.963E-03	3.084E-11	5.784E-03	9.163E-02	4.792E-04	3.606E-05	1.204E-03	1.060E+04
2.699E-01	8.135E-03	5.320E-11	6.458E-03	7.530E-02	4.747E-04	2.865E-05	1.129E-03	1.080E+04
2.772E-01	9.410E-03	8.987E-11	7.108E-03	6.179E-02	4.678E-04	1.971E-05	1.045E-03	1.100E+04
2.828E-01	1.079E-02	1.489E-10	7.729E-03	5.070E-02	4.591E-04	1.460E-05	9.587E-04	1.120E+04
2.869E-01	1.228E-02	2.422E-10	8.318E-03	4.164E-02	4.492E-04	1.085E-05	8.729E-04	1.140E+04
2.897E-01	1.388E-02	3.872E-10	8.875E-03	3.425E-02	4.383E-04	8.091E-05	7.905E-04	1.160E+04
2.914E-01	1.559E-02	6.092E-10	9.398E-03	2.856E-02	4.269E-04	6.059E-05	7.129E-04	1.180E+04
2.922E-01	1.741E-02	9.438E-10	9.888E-03	2.337E-02	4.151E-04	4.538E-05	6.410E-04	1.200E+04
2.922E-01	1.935E-02	1.441E-09	1.034E-04	1.939E-02	4.032E-04	3.446E-05	5.751E-04	1.220E+04
2.916E-01	2.140E-02	2.171E-09	1.076E-04	1.614E-02	3.912E-04	2.618E-05	5.151E-04	1.240E+04
2.903E-01	2.357E-02	3.227E-09	1.115E-04	1.347E-02	3.793E-04	1.999E-05	4.608E-04	1.260E+04
2.886E-01	2.585E-02	4.739E-09	1.151E-04	1.129E-02	3.674E-04	1.533E-05	4.120E-04	1.280E+04
2.864E-01	2.825E-02	6.878E-09	1.182E-04	9.489E-03	3.558E-04	1.182E-05	3.680E-04	1.300E+04
2.838E-01	3.075E-02	9.870E-09	1.211E-04	8.003E-03	3.442E-04	9.152E-05	3.286E-04	1.320E+04
2.809E-01	3.336E-02	1.401E-08	1.235E-04	6.770E-03	3.329E-04	7.117E-05	2.933E-04	1.340E+04
2.777E-01	3.608E-02	1.969E-08	1.257E-04	5.744E-03	3.218E-04	5.558E-05	2.617E-04	1.360E+04
2.742E-01	3.889E-02	2.740E-08	1.274E-04	4.888E-03	3.109E-04	4.357E-05	2.334E-04	1.380E+04
2.704E-01	4.180E-02	3.777E-08	1.289E-04	4.171E-03	3.001E-04	3.428E-05	2.081E-04	1.400E+04
2.664E-01	4.479E-02	5.159E-08	1.299E-04	3.568E-03	2.896E-04	2.707E-05	1.855E-04	1.420E+04
2.622E-01	4.786E-02	6.987E-08	1.306E-04	3.059E-03	2.792E-04	2.144E-05	1.653E-04	1.440E+04
2.577E-01	5.101E-02	9.384E-08	1.310E-04	2.629E-03	2.691E-04	1.704E-05	1.472E-04	1.460E+04
2.531E-01	5.422E-02	1.250E-07	1.310E-04	2.265E-03	2.591E-04	1.357E-05	1.310E-04	1.480E+04
2.484E-01	5.748E-02	1.653E-07	1.307E-04	1.954E-03	2.493E-04	1.084E-05	1.165E-04	1.500E+04
2.435E-01	6.079E-02	2.170E-07	1.300E-04	1.690E-03	2.396E-04	8.680E-06	1.036E-04	1.520E+04
2.385E-01	6.413E-02	2.827E-07	1.291E-04	1.463E-03	2.302E-04	6.964E-06	9.204E-05	1.540E+04
2.333E-01	6.750E-02	3.659E-07	1.278E-04	1.269E-03	2.209E-04	5.597E-06	8.172E-05	1.560E+04
2.281E-01	7.089E-02	4.704E-07	1.263E-04	1.102E-03	2.117E-04	4.507E-06	7.250E-05	1.580E+04
2.228E-01	7.428E-02	6.009E-07	1.245E-04	9.587E-04	2.028E-04	3.635E-06	6.428E-05	1.600E+04
2.174E-01	7.767E-02	7.650E-07	1.225E-04	8.347E-04	1.940E-04	2.935E-06	5.694E-05	1.620E+04
2.120E-01	8.104E-02	9.629E-07	1.202E-04	7.275E-04	1.854E-04	2.373E-06	5.040E-05	1.640E+04
2.065E-01	8.439E-02	1.208E-06	1.177E-04	6.346E-04	1.771E-04	1.921E-06	4.457E-05	1.660E+04
2.010E-01	8.771E-02	1.508E-06	1.150E-04	5.541E-04	1.689E-04	1.556E-06	3.938E-05	1.680E+04
1.955E-01	9.098E-02	1.872E-06	1.122E-04	4.841E-04	1.608E-04	1.261E-06	3.477E-05	1.700E+04
1.900E-01	9.414E-02	2.312E-06	1.092E-04	4.232E-04	1.530E-04	1.023E-06	3.072E-05	1.720E+04
1.845E-01	9.735E-02	2.840E-06	1.061E-04	3.702E-04	1.454E-04	8.303E-06	2.702E-05	1.740E+04
1.791E-01	1.004E-01	3.473E-06	1.029E-04	3.239E-04	1.381E-04	6.740E-06	2.360E-05	1.760E+04
1.736E-01	1.034E-01	4.229E-06	9.956E-05	2.836E-04	1.309E-04	5.473E-06	2.094E-05	1.780E+04
1.683E-01	1.064E-01	5.123E-06	9.618E-05	2.483E-04	1.239E-04	4.444E-06	1.840E-05	1.800E+04
1.630E-01	1.092E-01	6.181E-06	9.275E-05	2.175E-04	1.172E-04	3.609E-06	1.616E-05	1.820E+04
1.577E-01	1.120E-01	7.427E-06	8.930E-05	1.905E-04	1.107E-04	2.931E-06	1.418E-05	1.840E+04
1.526E-01	1.146E-01	8.888E-06	8.583E-05	1.659E-04	1.045E-04	2.379E-06	1.244E-05	1.860E+04
1.475E-01	1.172E-01	1.060E-05	8.236E-05	1.462E-04	9.842E-05	1.931E-06	1.090E-05	1.880E+04
1.425E-01	1.196E-01	1.258E-05	7.890E-05	1.281E-04	9.262E-05	1.567E-06	9.543E-06	1.900E+04
1.374E-01	1.219E-01	1.489E-05	7.548E-05	1.122E-04	8.706E-05	1.271E-06	8.350E-06	1.920E+04
1.328E-01	1.242E-01	1.756E-05	7.210E-05	9.830E-05	8.173E-05	1.030E-06	7.302E-06	1.940E+04
1.281E-01	1.263E-01	2.064E-05	6.877E-05	8.609E-05	7.663E-05	8.348E-06	6.381E-06	1.960E+04
1.236E-01	1.283E-01	2.418E-05	6.550E-05	7.539E-05	7.177E-05	6.761E-06	5.573E-06	1.980E+04
1.191E-01	1.302E-01	2.824E-05	6.231E-05	6.600E-05	6.714E-05	5.472E-06	4.865E-06	2.000E+04
1.148E-01	1.320E-01	3.289E-05	5.919E-05	5.778E-05	6.274E-05	4.427E-06	4.245E-06	2.020E+04
1.105E-01	1.337E-01	3.820E-05	5.616E-05	5.056E-05	5.856E-05	3.579E-06	3.702E-06	2.040E+04
1.063E-01	1.353E-01	4.423E-05	5.323E-05	4.424E-05	5.460E-05	2.891E-06	3.227E-06	2.060E+04
1.023E-01	1.368E-01	5.109E-05	5.039E-05	3.870E-05	5.086E-05	2.334E-06	2.813E-06	2.080E+04
9.863E-02	1.382E-01	5.886E-05	4.764E-05	3.385E-05	4.732E-05	1.883E-06	2.450E-06	2.100E+04
9.490E-02	1.395E-01	6.765E-05	4.500E-05	2.959E-05	4.399E-05	1.519E-06	2.134E-06	2.120E+04
9.120E-02	1.407E-01	7.758E-05	4.247E-05	2.587E-05	4.086E-05	1.224E-06	1.859E-06	2.140E+04
8.781E-02	1.419E-01	8.875E-05	4.004E-05	2.261E-05	3.791E-05	9.855E-07	1.610E-06	2.160E+04
8.444E-02	1.429E-01	1.013E-04	3.771E-05	1.975E-05	3.515E-05	7.933E-07	1.409E-06	2.180E+04
8.120E-02	1.439E-01	1.154E-04	3.549E-05	1.726E-05	3.256E-05	6.382E-07	1.227E-06	2.200E+04
7.807E-02	1.448E-01	1.312E-04	3.337E-05	1.507E-05	3.014E-05	5.131E-07	1.068E-06	2.220E+04
7.506E-02	1.457E-01	1.489E-04	3.136E-05	1.317E-05	2.787E-05	4.124E-07	9.299E-07	2.240E+04
7.215E-02	1.465E-01	1.687E-04	2.944E-05	1.150E-05	2.577E-05	3.313E-07	8.098E-07	2.260E+04
6.937E-02	1.472E-01	1.908E-04	2.763E-05	1.004E-05	2.380E-05	2.661E-07	7.052E-07	2.280E+04
6.668E-02	1.479E-01	2.153E-04	2.590E-05	8.766E-06	2.197E-05	2.136E-07	6.143E-07	2.300E+04
6.411E-02	1.485E-01	2.426E-04	2.428E-05	7.654E-06	2.028E-05	1.715E-07	5.352E-07	2.320E+04
6.163E-02	1.491E-01	2.730E-04	2.274E-05	6.584E-06	1.870E-05	1.374E-07	4.665E-07	2.340E+04
5.926E-02	1.496E-01	3.066E-04	2.129E-05	5.836E-06	1.724E-05	1.104E-07	4.067E-07	2.360E+04
5.698E-02	1.501E-01	3.439E-04	1.993E-05	5.097E-06	1.589E-05	8.860E-08	3.547E-07	2.380E+04
5.479E-02	1.505E-01	3.852E-04	1.864E-05	4.452E-06	1.464E-05	7.110E-08	3.094E-07	2.400E+04
5.269E-02	1.509E-01	4.308E-04	1.743E-05	3.849E-06	1.348E-05	5.706E-08	2.701E-07	2.420E+04
5.068E-02	1.513E-01	4.811E-04	1.630E-05	3.398E-06	1.241E-05	4.580E-08	2.359E-07	2.440E+04
4.875E-02	1.516E-01	5.365E-04	1.523E-05	2.970E-06	1.142E-05	3.677E-08	2.061E-07	2.460E+04
4.691E-02	1.519E-01	5.975E-04	1.423E-05	2.596E-06	1.041E-05	2.953E-08	1.802E-07	2.480E+04
4.514E-02	1.522E-01	6.666E-04	1.329E-05	2.271E-06	9.676E-06	2.373E-08	1.578E-07	2.500E+04

Table II. - Continued.

P/PQ = 1.00E+02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.366E-11	1.760E-18	0.
2.000E+02	0.	7.527E-69	0.	0.	0.	5.043E-11	1.760E-18	0.
3.000E+02	0.	3.348E-47	3.348E-81	0.	0.	4.955E-11	1.760E-18	0.
4.000E+02	0.	2.426E-36	8.356E-64	0.	0.	5.086E-11	1.760E-18	0.
5.000E+02	0.	8.302E-30	2.375E-53	0.	0.	5.062E-11	1.760E-18	0.
6.000E+02	1.127E-95	1.923E-25	2.275E-46	0.	0.	5.084E-11	1.760E-18	3.870E-96
7.000E+02	4.695E-81	2.538E-22	2.257E-41	0.	3.786E-91	4.996E-11	1.760E-18	6.949E-83
8.000E+02	9.680E-70	8.232E-20	8.718E-38	0.	8.564E-79	1.060E-10	1.760E-18	2.785E-72
9.000E+02	5.692E-60	2.232E-17	1.804E-35	0.	9.474E-68	1.716E-09	1.760E-18	3.996E-62
1.000E+03	5.033E-52	2.276E-15	1.127E-33	0.	9.826E-59	2.095E-08	1.760E-18	9.250E-54
1.100E+03	1.650E-45	1.010E-13	3.316E-32	0.	2.381E-51	1.660E-07	1.760E-18	6.589E-47
1.200E+03	4.516E-40	2.389E-12	5.579E-31	0.	3.394E-45	9.100E-07	1.760E-18	3.375E-41
1.300E+03	1.825E-35	3.476E-11	6.102E-30	0.	5.462E-40	3.871E-06	1.760E-18	2.278E-36
1.400E+03	1.639E-31	3.454E-10	4.758E-28	0.	1.583E-35	1.337E-05	1.760E-18	3.129E-32
1.500E+03	4.417E-28	2.528E-09	2.829E-28	0.	1.164E-31	3.905E-05	1.760E-18	1.202E-28
1.600E+03	4.473E-25	1.444E-08	1.349E-27	0.	2.810E-28	9.944E-05	1.760E-18	1.641E-25
1.700E+03	2.021E-22	6.720E-08	5.366E-27	0.	2.708E-25	2.273E-04	1.760E-18	9.550E-23
1.800E+03	4.480E-20	2.637E-07	1.907E-24	0.	1.168E-22	4.726E-04	1.831E-18	2.626E-20
1.900E+03	2.043E-18	8.958E-07	1.643E-25	0.	9.583E-21	9.081E-04	5.250E-18	1.439E-18
2.000E+03	2.126E-17	2.693E-06	3.445E-24	0.	1.681E-19	1.632E-03	4.070E-17	1.752E-17
2.100E+03	1.531E-16	7.285E-06	6.273E-23	0.	1.930E-18	2.768E-03	3.012E-16	1.444E-16
2.200E+03	9.092E-16	1.799E-05	8.939E-22	1.232E-86	1.740E-17	4.744E-03	1.889E-15	9.611E-16
2.300E+03	4.620E-15	4.104E-05	1.016E-20	9.668E-83	1.287E-16	6.887E-03	1.013E-14	5.379E-15
2.400E+03	2.052E-14	8.728E-05	9.448E-20	3.615E-79	8.018E-16	1.022E-02	4.721E-14	2.590E-14
2.500E+03	8.097E-14	1.745E-04	7.364E-19	7.032E-76	4.294E-15	1.463E-02	1.944E-13	1.092E-13
2.600E+03	2.877E-13	3.300E-04	4.906E-18	7.669E-73	2.011E-14	2.028E-02	7.165E-13	4.091E-13
2.700E+03	9.314E-13	5.939E-04	2.841E-17	4.999E-70	8.356E-14	2.730E-02	2.391E-12	1.378E-12
2.800E+03	2.774E-12	1.022E-03	1.451E-16	2.057E-67	3.119E-13	3.577E-02	7.298E-12	4.221E-12
2.900E+03	7.663E-12	1.689E-03	6.624E-16	5.602E-65	1.056E-12	4.569E-02	2.054E-11	1.185E-11
3.000E+03	1.978E-11	2.689E-03	2.730E-15	1.052E-62	3.277E-12	5.698E-02	5.368E-11	3.073E-11
3.100E+03	4.802E-11	4.139E-03	1.026E-14	1.413E-60	9.385E-12	6.950E-02	1.312E-10	7.411E-11
3.200E+03	1.102E-10	6.175E-03	3.546E-14	1.400E-58	2.498E-11	8.208E-02	3.013E-10	1.671E-10
3.300E+03	2.403E-10	8.949E-03	1.135E-13	1.052E-56	6.214E-11	9.788E-02	6.538E-10	3.541E-10
3.400E+03	4.998E-10	1.263E-02	3.388E-13	6.143E-55	1.453E-10	1.114E-01	1.346E-09	7.083E-10
3.500E+03	9.953E-10	1.738E-02	9.487E-13	2.849E-53	3.208E-10	1.255E-01	2.641E-09	1.343E-09
3.600E+03	1.904E-09	2.337E-02	2.505E-12	1.069E-51	6.714E-10	1.380E-01	4.955E-09	2.420E-09
3.700E+03	3.509E-09	3.076E-02	6.266E-12	3.316E-50	1.337E-09	1.513E-01	8.919E-09	4.161E-09
3.800E+03	6.248E-09	1.968E-02	1.491E-11	8.589E-49	2.543E-09	1.622E-01	1.545E-08	6.846E-09
3.900E+03	1.077E-08	5.023E-02	3.391E-11	1.890E-47	4.632E-09	1.712E-01	2.583E-08	1.080E-08
4.000E+03	1.801E-08	6.247E-02	7.391E-11	3.574E-46	8.102E-09	1.781E-01	4.177E-08	1.640E-08
4.100E+03	2.927E-08	7.643E-02	1.549E-10	5.877E-45	1.364E-08	1.828E-01	6.552E-08	2.398E-08
4.200E+03	4.634E-08	9.206E-02	3.131E-10	8.495E-44	2.217E-08	1.851E-01	9.986E-08	3.388E-08
4.300E+03	7.154E-08	1.093E-01	6.119E-10	1.089E-42	3.484E-08	1.852E-01	1.482E-07	4.632E-08
4.400E+03	1.079E-07	1.280E-01	1.159E-09	1.248E-41	5.305E-08	1.890E-01	2.145E-07	6.138E-08
4.500E+03	1.591E-07	1.479E-01	2.132E-09	1.288E-40	7.840E-08	1.789E-01	3.033E-07	7.898E-08
4.600E+03	2.299E-07	1.689E-01	3.816E-09	1.207E-39	1.127E-07	1.729E-01	4.194E-07	9.883E-08
4.700E+03	3.257E-07	1.907E-01	6.657E-09	1.032E-38	1.577E-07	1.654E-01	5.681E-07	1.205E-07
4.800E+03	4.531E-07	2.129E-01	1.134E-08	8.107E-38	2.153E-07	1.587E-01	7.544E-07	1.432E-07
4.900E+03	6.196E-07	2.353E-01	1.887E-08	5.874E-37	2.872E-07	1.470E-01	9.833E-07	1.663E-07
5.000E+03	8.338E-07	2.575E-01	3.073E-08	3.943E-36	3.748E-07	1.367E-01	1.259E-06	1.890E-07
5.100E+03	1.106E-06	2.792E-01	4.901E-08	2.463E-35	4.794E-07	1.260E-01	1.584E-06	2.105E-07
5.200E+03	1.447E-06	3.002E-01	7.664E-08	1.436E-34	6.019E-07	1.153E-01	1.962E-06	2.301E-07
5.300E+03	1.870E-06	3.202E-01	1.176E-07	7.839E-34	7.432E-07	1.047E-01	2.391E-06	2.474E-07
5.400E+03	2.391E-06	3.390E-01	1.771E-07	4.018E-33	9.037E-07	9.452E-02	2.870E-06	2.620E-07
5.500E+03	3.027E-06	3.565E-01	2.619E-07	1.937E-32	1.084E-06	8.462E-02	3.396E-06	2.739E-07
5.600E+03	3.800E-06	3.725E-01	3.807E-07	8.808E-32	1.286E-06	7.574E-02	3.962E-06	2.832E-07
5.700E+03	4.736E-06	3.872E-01	5.440E-07	3.783E-31	1.509E-06	6.736E-02	4.560E-06	2.901E-07
5.800E+03	5.867E-06	4.004E-01	7.645E-07	1.537E-30	1.756E-06	5.971E-02	5.180E-06	2.950E-07
5.900E+03	7.230E-06	4.123E-01	1.057E-06	5.918E-30	2.030E-06	5.279E-02	5.812E-06	2.983E-07
6.000E+03	8.873E-06	4.229E-01	1.438E-06	2.163E-29	2.332E-06	4.659E-02	6.444E-06	3.004E-07
6.100E+03	1.085E-05	4.322E-01	1.928E-06	7.520E-29	2.667E-06	4.107E-02	7.064E-06	3.017E-07
6.200E+03	1.323E-05	4.404E-01	2.546E-06	2.491E-28	3.039E-06	3.619E-02	7.663E-06	3.024E-07
6.300E+03	1.610E-05	4.477E-01	3.317E-06	7.877E-28	3.453E-06	3.188E-02	8.232E-06	3.029E-07
6.400E+03	1.954E-05	4.540E-01	4.263E-06	2.383E-27	3.913E-06	2.811E-02	8.763E-06	3.034E-07
6.500E+03	2.367E-05	4.596E-01	5.411E-06	6.910E-27	4.426E-06	2.480E-02	9.251E-06	3.040E-07
6.600E+03	2.862E-05	4.644E-01	6.787E-06	1.925E-26	4.997E-06	2.181E-02	9.693E-06	3.049E-07
6.700E+03	3.454E-05	4.687E-01	8.419E-06	5.161E-26	5.635E-06	1.939E-02	1.009E-05	3.061E-07
6.800E+03	4.161E-05	4.725E-01	1.034E-05	1.334E-25	6.345E-06	1.719E-02	1.043E-05	3.078E-07
6.900E+03	5.003E-05	4.759E-01	1.257E-05	3.334E-25	7.137E-06	1.527E-02	1.073E-05	3.099E-07
7.000E+03	6.006E-05	4.789E-01	1.514E-05	8.061E-25	8.020E-06	1.359E-02	1.098E-05	3.125E-07
7.100E+03	7.197E-05	4.817E-01	1.809E-05	1.889E-24	9.003E-06	1.213E-02	1.119E-05	3.158E-07
7.200E+03	8.609E-05	4.842E-01	2.144E-05	4.299E-24	1.010E-05	1.085E-02	1.135E-05	3.196E-07
7.300E+03	1.028E-04	4.866E-01	2.521E-05	9.512E-24	1.132E-05	9.728E-03	1.148E-05	3.242E-07
7.400E+03	1.226E-04	4.888E-01	2.944E-05	2.048E-23	1.269E-05	8.749E-03	1.157E-05	3.295E-07
7.500E+03	1.459E-04	4.911E-01	3.416E-05	4.300E-23	1.421E-05	7.880E-03	1.163E-05	3.357E-07
7.600E+03	1.733E-04	4.933E-01	3.938E-05	8.810E-23	1.590E-05	7.187E-03	1.166E-05	3.427E-07
7.700E+03	2.056E-04	4.956E-01	4.513E-05	1.764E-22	1.779E-05	6.475E-03	1.167E-05	3.506E-07
7.800E+03	2.434E-04	4.980E-01	5.146E-05	3.455E-22	1.990E-05	5.802E-03	1.167E-05	3.596E-07
7.900E+03	2.876E-04	5.006E-01	5.839E-05	6.629E-22	2.225E-05	5.380E-03	1.164E-05	3.696E-07
8.000E+03	3.392E-04	5.034E-01	6.596E-05	1.248E-21	2.486E-05	4.928E-03	1.162E-05	3.806E-07
8.200E+03	4.686E-04	5.098E-01	8.325E-05	4.194E-21	3.096E-05	4.176E-03	1.156E-05	4.060E-07



Table II. - Continued.

P/P0 = 1.00E+02

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	0.	0.	1.000E+00	0.	6.000E+02
3.813E-81	3.812E-82	0.	0.	0.	0.	1.000E+00	7.510E-94	7.000E+02
2.665E-67	3.009E-69	0.	0.	0.	0.	1.000E+00	2.832E-79	8.000E+02
3.034E-57	3.121E-60	0.	0.	0.	0.	1.000E+00	7.625E-70	9.000E+02
2.243E-50	3.977E-55	0.	0.	0.	0.	1.000E+00	1.534E-62	1.000E+03
5.344E-43	2.797E-51	0.	0.	0.	0.	1.000E+00	1.415E-56	1.100E+03
1.329E-40	3.859E-48	0.	0.	0.	0.	1.000E+00	1.324E-51	1.200E+03
6.129E-37	1.603E-45	0.	0.	0.	0.	1.000E+00	2.129E-47	1.300E+03
7.738E-34	2.645E-43	0.	0.	0.	0.	1.000E+00	8.587E-44	1.400E+03
3.529E-31	2.114E-41	0.	0.	0.	0.	1.000E+00	1.145E-40	1.500E+03
7.125E-29	9.453E-40	2.554E-95	6.127E-52	7.811E-05	1.620E-24	9.999E-01	6.213E-38	1.600E+03
7.418E-27	2.637E-38	1.091E-91	2.993E-47	1.993E-04	4.202E-24	9.997E-01	1.608E-35	1.700E+03
4.475E-25	4.986E-37	1.746E-88	4.101E-43	4.548E-04	9.749E-24	9.993E-01	2.245E-33	1.800E+03
1.713E-23	7.092E-36	1.337E-85	1.873E-39	9.455E-04	2.143E-23	9.986E-01	1.863E-31	1.900E+03
4.472E-22	2.117E-34	3.918E-82	1.271E-36	1.817E-03	1.201E-22	9.973E-01	9.933E-30	2.000E+02
8.428E-21	1.355E-32	4.684E-78	1.493E-34	3.267E-03	1.697E-21	9.951E-01	3.641E-28	2.100E+03
1.201E-19	6.783E-31	3.095E-74	9.587E-33	5.543E-03	2.244E-19	9.866E-01	9.537E-27	2.200E+03
1.344E-18	2.427E-29	9.559E-71	4.135E-31	8.946E-03	1.895E-18	9.793E-01	1.886E-25	2.300E+03
1.219E-17	6.396E-28	1.484E-67	1.278E-29	1.382E-02	1.341E-17	9.692E-01	3.040E-21	2.400E+03
9.201E-17	1.287E-26	1.257E-64	2.956E-28	2.052E-02	8.115E-17	9.358E-01	2.264E-20	2.500E+03
5.902E-15	2.036E-25	6.249E-62	5.296E-27	4.089E-02	4.271E-16	9.385E-01	3.641E-22	2.600E+03
3.279E-15	2.626E-24	1.932E-59	7.569E-26	5.519E-02	1.985E-15	9.159E-01	3.104E-21	2.700E+03
1.602E-14	2.799E-23	3.938E-57	8.847E-25	7.256E-02	8.226E-15	8.907E-01	2.644E-20	2.800E+03
6.980E-14	2.522E-22	5.503E-55	8.636E-24	9.306E-02	3.095E-14	8.596E-01	1.434E-19	2.900E+03
2.742E-13	1.954E-21	5.491E-53	7.171E-23	1.167E-01	1.061E-13	8.237E-01	7.997E-19	3.000E+03
9.816E-13	1.323E-20	4.047E-51	5.145E-22	1.421E-01	3.344E-13	7.832E-01	3.973E-18	3.100E+03
3.229E-12	7.918E-20	2.268E-49	3.233E-21	1.721E-01	9.770E-13	7.387E-01	1.776E-17	3.200E+03
9.837E-12	4.242E-19	9.384E-48	1.801E-20	1.721E-01	2.664E-12	6.908E-01	7.217E-17	3.300E+03
2.794E-11	2.054E-18	3.468E-46	8.988E-20	2.031E-01	6.816E-12	6.405E-01	2.688E-16	3.400E+03
7.446E-11	9.074E-18	9.865E-45	4.056E-19	2.355E-01	1.646E-11	5.886E-01	9.224E-16	3.500E+03
1.872E-10	3.686E-17	2.333E-43	1.669E-18	2.685E-01	3.766E-11	5.363E-01	2.944E-15	3.600E+03
4.459E-10	1.387E-16	4.550E-42	6.208E-18	3.014E-01	8.210E-11	4.844E-01	8.783E-15	3.700E+03
1.011E-09	8.649E-16	7.928E-41	2.205E-17	3.335E-01	1.711E-10	4.341E-01	2.644E-14	3.800E+03
2.193E-09	1.603E-15	1.172E-39	7.170E-17	3.641E-01	3.424E-10	3.860E-01	6.535E-14	3.900E+03
4.565E-09	4.980E-15	1.519E-38	2.181E-16	3.926E-01	6.599E-10	3.408E-01	1.646E-13	4.000E+03
9.146E-09	1.467E-14	1.749E-37	6.241E-15	4.187E-01	1.229E-09	2.988E-01	3.958E-13	4.100E+03
1.770E-08	4.114E-14	1.801E-36	1.687E-15	4.420E-01	2.219E-09	2.505E-01	9.120E-13	4.200E+03
3.320E-08	1.104E-13	1.671E-35	4.325E-15	4.623E-01	3.894E-09	2.259E-01	2.022E-12	4.300E+03
6.047E-08	2.842E-13	1.181E-34	1.056E-14	4.796E-01	6.658E-09	1.949E-01	4.330E-12	4.400E+03
1.073E-07	7.052E-13	1.101E-33	2.466E-14	4.941E-01	1.112E-08	1.675E-01	8.983E-12	4.500E+03
1.858E-07	1.691E-12	7.922E-33	5.524E-14	5.057E-01	1.817E-08	1.434E-01	1.812E-11	4.600E+03
3.146E-07	3.930E-12	5.280E-32	1.191E-13	5.215E-01	2.911E-08	1.223E-01	3.562E-11	4.700E+03
5.223E-07	8.874E-12	3.287E-31	2.476E-13	5.263E-01	4.581E-08	1.041E-01	6.844E-11	4.800E+03
8.513E-07	1.952E-11	1.920E-30	4.985E-13	5.293E-01	7.089E-08	8.843E-02	1.289E-10	4.900E+03
1.364E-06	4.189E-11	1.056E-29	9.736E-13	5.308E-01	1.080E-07	7.499E-02	2.382E-10	5.000E+03
2.154E-06	8.786E-11	5.497E-29	1.850E-12	5.313E-01	1.623E-07	6.352E-02	4.350E-10	5.100E+03
3.352E-06	1.804E-10	2.713E-28	3.425E-12	5.308E-01	2.404E-07	5.376E-02	7.754E-10	5.200E+03
5.149E-06	3.639E-10	1.274E-27	6.197E-12	5.296E-01	3.517E-07	4.550E-02	1.370E-09	5.300E+03
7.817E-06	7.183E-10	5.696E-27	1.098E-11	5.280E-01	5.080E-07	3.852E-02	2.389E-09	5.400E+03
1.174E-05	1.393E-09	2.432E-26	1.907E-11	5.261E-01	7.247E-07	3.264E-02	4.119E-09	5.500E+03
1.744E-05	2.652E-09	9.922E-26	3.256E-11	5.240E-01	1.022E-06	2.768E-02	7.021E-09	5.600E+03
2.565E-05	4.958E-09	3.872E-25	5.472E-11	5.219E-01	1.423E-06	2.352E-02	1.184E-08	5.700E+03
3.736E-05	9.104E-09	1.447E-24	9.064E-11	5.198E-01	1.957E-06	2.002E-02	1.975E-08	5.800E+03
5.394E-05	1.542E-08	1.775E-23	1.482E-10	5.177E-01	2.661E-06	1.708E-02	3.261E-08	5.900E+03
7.718E-05	2.909E-08	5.834E-23	3.829E-10	5.158E-01	3.574E-06	1.460E-02	5.329E-08	6.000E+03
1.095E-04	5.061E-08	1.840E-22	6.061E-10	5.140E-01	4.743E-06	1.252E-02	8.618E-08	6.100E+03
1.540E-04	8.649E-08	5.576E-22	9.504E-10	5.124E-01	6.271E-06	1.077E-02	1.379E-07	6.200E+03
2.147E-04	1.452E-07	5.576E-22	9.504E-10	5.108E-01	8.065E-06	9.289E-03	2.185E-07	6.300E+03
2.970E-04	2.397E-07	1.624E-21	1.477E-09	5.094E-01	1.034E-05	8.036E-03	3.424E-07	6.400E+03
4.075E-04	3.888E-07	4.555E-21	2.276E-09	5.081E-01	1.312E-05	6.974E-03	5.310E-07	6.500E+03
5.547E-04	6.204E-07	1.231E-20	3.479E-09	5.068E-01	1.647E-05	6.071E-03	8.150E-07	6.600E+03
7.490E-04	9.742E-07	3.212E-20	5.275E-09	5.055E-01	2.047E-05	5.301E-03	1.238E-06	6.700E+03
1.004E-03	1.506E-06	8.098E-20	7.933E-09	5.042E-01	2.521E-05	4.643E-03	1.860E-06	6.800E+03
1.335E-03	2.293E-06	1.976E-19	1.184E-08	5.029E-01	3.076E-05	4.078E-03	2.766E-06	6.900E+03
1.761E-03	3.441E-06	4.674E-19	1.752E-08	5.015E-01	3.720E-05	3.593E-03	4.070E-06	7.000E+03
2.307E-03	5.091E-06	1.073E-18	2.573E-08	4.999E-01	4.462E-05	3.174E-03	5.926E-06	7.100E+03
3.000E-03	7.429E-06	2.391E-18	3.750E-08	4.981E-01	5.307E-05	2.811E-03	8.537E-06	7.200E+03
3.873E-03	1.070E-05	5.184E-18	5.423E-08	4.960E-01	6.263E-05	2.496E-03	1.217E-05	7.300E+03
4.963E-03	1.520E-05	1.094E-17	7.782E-08	4.936E-01	7.333E-05	2.221E-03	1.715E-05	7.400E+03
6.313E-03	2.133E-05	2.249E-17	1.108E-07	4.907E-01	8.521E-05	1.980E-03	2.391E-05	7.500E+03
7.972E-03	2.956E-05	4.507E-17	1.565E-07	4.874E-01	9.827E-05	1.769E-03	3.297E-05	7.600E+03
9.993E-03	4.045E-05	8.814E-17	2.194E-07	4.834E-01	1.125E-04	1.583E-03	4.492E-05	7.700E+03
1.243E-02	5.469E-05	1.683E-16	3.050E-07	4.787E-01	1.279E-04	1.419E-03	6.048E-05	7.800E+03
1.535E-02	7.307E-05	3.142E-16	4.205E-07	4.732E-01	1.443E-04	1.273E-03	8.043E-05	7.900E+03
1.881E-02	9.649E-05	5.736E-16	5.749E-07	4.668E-01	1.617E-04	1.143E-03	1.056E-04	8.000E+03
2.287E-02	1.260E-04	1.025E-15	7.790E-07	4.608E-01	1.990E-04	9.229E-04	1.749E-04	8.200E+03
3.300E-02	2.076E-04	3.081E-15	1.391E-06	4.509E-01				



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	6.403E-04	5.174E-01	1.039E-04	1.326E-20	3.839E-05	3.586E-03	1.153E-05	4.355E-07
8.600E+03	6.646E-04	5.263E-01	1.287E-04	3.979E-20	4.729E-05	3.121E-03	1.156E-05	4.688E-07
8.800E+03	1.151E-03	5.366E-01	1.586E-04	1.144E-19	5.775E-05	2.748E-03	1.169E-05	5.048E-07
9.000E+03	1.508E-03	5.478E-01	1.949E-04	3.169E-19	6.978E-05	2.445E-03	1.192E-05	5.422E-07
9.200E+03	1.944E-03	5.597E-01	2.391E-04	8.506E-19	9.329E-05	2.193E-03	1.225E-05	5.791E-07
9.400E+03	2.467E-03	5.717E-01	2.930E-04	2.219E-18	9.810E-05	1.979E-03	1.267E-05	6.137E-07
9.600E+03	3.083E-03	5.834E-01	3.584E-04	5.634E-18	1.140E-04	1.782E-03	1.318E-05	6.442E-07
9.800E+03	3.796E-03	5.944E-01	4.374E-04	1.394E-17	1.306E-04	1.627E-03	1.376E-05	6.692E-07
1.000E+04	4.612E-03	6.043E-01	5.322E-04	3.365E-17	1.478E-04	1.479E-03	1.439E-05	6.879E-07
1.020E+04	5.535E-03	6.129E-01	6.453E-04	7.921E-17	1.651E-04	1.365E-03	1.506E-05	7.000E-07
1.040E+04	6.570E-03	6.203E-01	7.794E-04	1.819E-16	1.825E-04	1.222E-03	1.577E-05	7.056E-07
1.060E+04	7.721E-03	6.264E-01	9.373E-04	4.076E-16	1.996E-04	1.111E-03	1.649E-05	7.054E-07
1.080E+04	8.995E-03	6.312E-01	1.122E-03	8.916E-16	2.165E-04	1.011E-03	1.723E-05	7.000E-07
1.100E+04	1.040E-02	6.349E-01	1.337E-03	1.905E-15	2.330E-04	9.181E-04	1.799E-05	6.905E-07
1.120E+04	1.193E-02	6.377E-01	1.586E-03	3.977E-15	2.491E-04	8.364E-04	1.875E-05	6.776E-07
1.140E+04	1.361E-02	6.396E-01	1.872E-03	8.117E-15	2.646E-04	7.617E-04	1.952E-05	6.621E-07
1.160E+04	1.543E-02	6.408E-01	2.199E-03	1.621E-14	2.798E-04	6.944E-04	2.029E-05	6.447E-07
1.180E+04	1.740E-02	6.413E-01	2.572E-03	3.170E-14	2.944E-04	6.337E-04	2.106E-05	6.259E-07
1.200E+04	1.954E-02	6.412E-01	2.995E-03	6.075E-14	3.085E-04	5.701E-04	2.184E-05	6.062E-07
1.220E+04	2.184E-02	6.407E-01	3.473E-03	1.142E-13	3.221E-04	5.288E-04	2.262E-05	5.860E-07
1.240E+04	2.431E-02	6.397E-01	4.010E-03	2.106E-13	3.351E-04	4.854E-04	2.340E-05	5.654E-07
1.260E+04	2.695E-02	6.383E-01	4.612E-03	3.814E-13	3.477E-04	4.453E-04	2.417E-05	5.447E-07
1.280E+04	2.978E-02	6.366E-01	5.284E-03	6.791E-13	3.596E-04	4.080E-04	2.494E-05	5.241E-07
1.300E+04	3.280E-02	6.345E-01	6.032E-03	1.189E-12	3.710E-04	3.761E-04	2.571E-05	5.036E-07
1.320E+04	3.600E-02	6.321E-01	6.860E-03	2.050E-12	3.818E-04	3.463E-04	2.647E-05	4.834E-07
1.340E+04	3.939E-02	6.293E-01	7.776E-03	3.480E-12	3.919E-04	3.192E-04	2.723E-05	4.635E-07
1.360E+04	4.298E-02	6.263E-01	8.785E-03	5.822E-12	4.015E-04	2.945E-04	2.797E-05	4.439E-07
1.380E+04	4.677E-02	6.230E-01	9.892E-03	9.606E-12	4.103E-04	2.720E-04	2.870E-05	4.247E-07
1.400E+04	5.076E-02	6.194E-01	1.110E-02	1.564E-11	4.184E-04	2.514E-04	2.942E-05	4.059E-07
1.420E+04	5.494E-02	6.155E-01	1.243E-02	2.513E-11	4.259E-04	2.326E-04	3.012E-05	3.875E-07
1.440E+04	5.932E-02	6.114E-01	1.387E-02	3.989E-11	4.325E-04	2.163E-04	3.080E-05	3.696E-07
1.460E+04	6.390E-02	6.069E-01	1.544E-02	6.256E-11	4.385E-04	1.994E-04	3.146E-05	3.521E-07
1.480E+04	6.868E-02	6.022E-01	1.713E-02	9.701E-11	4.436E-04	1.847E-04	3.209E-05	3.350E-07
1.500E+04	7.365E-02	5.971E-01	1.896E-02	1.488E-10	4.480E-04	1.712E-04	3.270E-05	3.184E-07
1.520E+04	7.881E-02	5.918E-01	2.093E-02	2.258E-10	4.516E-04	1.588E-04	3.327E-05	3.022E-07
1.540E+04	8.416E-02	5.862E-01	2.305E-02	3.392E-10	4.544E-04	1.473E-04	3.381E-05	2.866E-07
1.560E+04	8.969E-02	5.804E-01	2.532E-02	5.045E-10	4.564E-04	1.366E-04	3.431E-05	2.713E-07
1.580E+04	9.541E-02	5.742E-01	2.775E-02	7.434E-10	4.575E-04	1.267E-04	3.477E-05	2.566E-07
1.600E+04	1.013E-01	5.678E-01	3.033E-02	1.085E-09	4.579E-04	1.175E-04	3.519E-05	2.423E-07
1.620E+04	1.073E-01	5.610E-01	3.309E-02	1.571E-09	4.575E-04	1.090E-04	3.556E-05	2.285E-07
1.640E+04	1.136E-01	5.540E-01	3.601E-02	2.254E-09	4.563E-04	1.010E-04	3.589E-05	2.151E-07
1.660E+04	1.199E-01	5.467E-01	3.910E-02	3.207E-09	4.542E-04	9.362E-05	3.616E-05	2.023E-07
1.680E+04	1.265E-01	5.391E-01	4.236E-02	4.527E-09	4.515E-04	8.674E-05	3.638E-05	1.899E-07
1.700E+04	1.331E-01	5.313E-01	4.580E-02	6.340E-09	4.480E-04	8.032E-05	3.654E-05	1.780E-07
1.720E+04	1.399E-01	5.232E-01	4.941E-02	8.814E-09	4.437E-04	7.433E-05	3.664E-05	1.665E-07
1.740E+04	1.468E-01	5.148E-01	5.320E-02	1.216E-08	4.388E-04	6.875E-05	3.669E-05	1.556E-07
1.760E+04	1.538E-01	5.062E-01	5.716E-02	1.667E-08	4.331E-04	6.354E-05	3.667E-05	1.451E-07
1.780E+04	1.610E-01	4.974E-01	6.129E-02	2.269E-08	4.268E-04	5.869E-05	3.658E-05	1.350E-07
1.800E+04	1.682E-01	4.883E-01	6.559E-02	3.067E-08	4.200E-04	5.416E-05	3.644E-05	1.255E-07
1.820E+04	1.755E-01	4.790E-01	7.005E-02	4.119E-08	4.125E-04	4.993E-05	3.623E-05	1.164E-07
1.840E+04	1.829E-01	4.695E-01	7.467E-02	5.498E-08	4.045E-04	4.589E-05	3.596E-05	1.078E-07
1.860E+04	1.903E-01	4.597E-01	7.944E-02	7.293E-08	3.960E-04	4.232E-05	3.562E-05	9.957E-08
1.880E+04	1.978E-01	4.499E-01	8.436E-02	9.616E-08	3.870E-04	3.880E-05	3.522E-05	9.183E-08
1.900E+04	2.054E-01	4.398E-01	8.941E-02	1.261E-07	3.776E-04	3.571E-05	3.476E-05	8.452E-08
1.920E+04	2.129E-01	4.296E-01	9.459E-02	1.643E-07	3.678E-04	3.275E-05	3.424E-05	7.765E-08
1.940E+04	2.205E-01	4.193E-01	9.988E-02	2.131E-07	3.576E-04	3.000E-05	3.366E-05	7.118E-08
1.960E+04	2.281E-01	4.088E-01	1.053E-01	2.748E-07	3.472E-04	2.744E-05	3.303E-05	6.513E-08
1.980E+04	2.357E-01	3.983E-01	1.108E-01	3.525E-07	3.366E-04	2.588E-05	3.235E-05	5.946E-08
2.000E+04	2.433E-01	3.877E-01	1.164E-01	4.499E-07	3.257E-04	2.488E-05	3.163E-05	5.418E-08
2.020E+04	2.508E-01	3.770E-01	1.220E-01	5.713E-07	3.147E-04	2.405E-05	3.086E-05	4.927E-08
2.040E+04	2.583E-01	3.663E-01	1.277E-01	7.222E-07	3.035E-04	1.898E-05	3.005E-05	4.471E-08
2.060E+04	2.657E-01	3.556E-01	1.335E-01	9.085E-07	2.923E-04	1.725E-05	2.920E-05	4.049E-08
2.080E+04	2.731E-01	3.450E-01	1.393E-01	1.138E-06	2.811E-04	1.585E-05	2.833E-05	3.659E-08
2.100E+04	2.804E-01	3.343E-01	1.451E-01	1.419E-06	2.699E-04	1.419E-05	2.743E-05	3.300E-08
2.120E+04	2.876E-01	3.237E-01	1.509E-01	1.761E-06	2.587E-04	1.284E-05	2.651E-05	2.970E-08
2.140E+04	2.948E-01	3.132E-01	1.567E-01	2.177E-06	2.476E-04	1.161E-05	2.557E-05	2.668E-08
2.160E+04	3.018E-01	3.027E-01	1.624E-01	2.680E-06	2.367E-04	1.048E-05	2.462E-05	2.392E-08
2.180E+04	3.087E-01	2.924E-01	1.682E-01	3.287E-06	2.259E-04	9.448E-06	2.366E-05	2.140E-08
2.200E+04	3.155E-01	2.822E-01	1.739E-01	4.014E-06	2.152E-04	8.507E-06	2.271E-05	1.912E-08
2.220E+04	3.221E-01	2.722E-01	1.795E-01	4.885E-06	2.049E-04	7.649E-06	2.175E-05	1.704E-08
2.240E+04	3.287E-01	2.623E-01	1.850E-01	5.923E-06	1.947E-04	6.870E-06	2.080E-05	1.516E-08
2.260E+04	3.350E-01	2.526E-01	1.905E-01	7.155E-06	1.848E-04	6.163E-06	1.986E-05	1.347E-08
2.280E+04	3.413E-01	2.430E-01	1.959E-01	8.614E-06	1.752E-04	5.522E-06	1.893E-05	1.195E-08
2.300E+04	3.473E-01	2.337E-01	2.012E-01	1.034E-05	1.659E-04	4.943E-06	1.802E-05	1.058E-08
2.320E+04	3.532E-01	2.246E-01	2.063E-01	1.236E-05	1.569E-04	4.419E-06	1.712E-05	9.351E-09
2.340E+04	3.590E-01	2.158E-01	2.114E-01	1.473E-05	1.482E-04	3.948E-06	1.625E-05	8.254E-09
2.360E+04	3.646E-01	2.071E-01	2.163E-01	1.751E-05	1.399E-04	3.523E-06	1.540E-05	7.276E-09
2.380E+04	3.700E-01	1.987E-01	2.211E-01	2.074E-05	1.319E-04	3.141E-06	1.458E-05	6.406E-09
2.400E+04	3.753E-01	1.906E-01	2.258E-01	2.450E-05	1.242E-04	2.798E-06	1.379E-05	5.632E-09
2.420E+04	3.803E-01	1.827E-01	2.303E-01	2.885E-05	1.169E-04	2.491E-06	1.302E-05	4.947E-09
2.440E+04	3.852E-01	1.750E-01	2.347E-01	3.388E-05	1.099E-04	2.216E-06	1.228E-05	4.340E-09
2.460E+04	3.900E-01	1.676E-01	2.389E-01	3.968E-05	1.032E-04	1.970E-06	1.157E-05	3.803E-09
2.480E+04	3.946E-01	1.605E-01	2.430E-01	4.635E-05	9.689E-05	1.750E-06	1.090E-05	3.330E-09
2.500E+04	3.990E-01	1.536E-01	2.469E-01	5.400E-05	9.089E-05	1.554E-06	1.025E-05	2.914E-09

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
4.637E-02	3.277E-04	8.593E-15	2.385E-06	4.306E-01	2.386E-04	7.449E-04	2.740E-04	8.400E+03
6.215E-02	4.968E-04	2.240E-14	3.916E-06	4.056E-01	2.793E-04	5.994E-04	4.050E-04	8.600E+03
8.103E-02	7.252E-04	5.697E-14	6.147E-06	3.762E-01	3.195E-04	4.797E-04	5.640E-04	8.800E+03
1.022E-01	1.023E-03	1.278E-13	9.214E-06	3.433E-01	3.578E-04	3.810E-04	7.406E-04	9.000E+03
1.247E-01	1.397E-03	2.833E-13	1.320E-05	3.081E-01	3.929E-04	2.998E-04	9.194E-04	9.200E+03
1.478E-01	1.853E-03	6.018E-13	1.811E-05	2.720E-01	4.236E-04	2.335E-04	1.083E-03	9.400E+03
1.704E-01	2.400E-03	1.230E-12	2.387E-05	2.365E-01	4.492E-04	1.800E-04	1.216E-03	9.600E+03
1.918E-01	3.038E-03	2.429E-12	3.034E-05	2.029E-01	4.693E-04	1.374E-04	1.310E-03	9.800E+03
2.112E-01	3.768E-03	4.646E-12	3.731E-05	1.719E-01	4.837E-04	1.039E-04	1.360E-03	1.000E+04
2.285E-01	4.593E-03	8.636E-12	4.461E-05	1.443E-01	4.928E-04	7.803E-05	1.368E-03	1.020E+04
2.433E-01	5.513E-03	1.563E-11	5.203E-05	1.202E-01	4.972E-04	5.827E-05	1.342E-03	1.040E+04
2.557E-01	6.530E-03	2.762E-11	5.943E-05	9.955E-02	4.973E-04	4.336E-05	1.289E-03	1.060E+04
2.658E-01	7.645E-03	4.769E-11	6.668E-05	8.216E-02	4.941E-04	3.221E-05	1.217E-03	1.080E+04
2.739E-01	8.860E-03	8.063E-11	7.370E-05	6.767E-02	4.882E-04	2.393E-05	1.134E-03	1.100E+04
2.802E-01	1.018E-02	1.337E-10	8.043E-05	5.571E-02	4.803E-04	1.779E-05	1.046E-03	1.120E+04
2.849E-01	1.160E-02	2.176E-10	8.684E-05	4.588E-02	4.707E-04	1.326E-05	9.563E-04	1.140E+04
2.882E-01	1.312E-02	3.480E-10	9.290E-05	3.784E-02	4.602E-04	9.920E-06	8.694E-04	1.160E+04
2.904E-01	1.475E-02	5.478E-10	9.861E-05	3.128E-02	4.488E-04	7.448E-06	7.868E-04	1.180E+04
2.917E-01	1.650E-02	8.490E-10	1.040E-04	2.592E-02	4.370E-04	5.617E-06	7.096E-04	1.200E+04
2.921E-01	1.835F-02	1.297E-09	1.090E-04	2.154E-02	4.250E-04	4.255E-06	6.383E-04	1.220E+04
2.918E-01	2.031E-02	1.954E-09	1.136E-04	1.795E-02	4.128E-04	3.239E-06	5.732E-04	1.240E+04
2.909E-01	2.238E-02	2.906E-09	1.179E-04	1.501E-02	4.006E-04	2.477E-06	5.140E-04	1.260E+04
2.894E-01	2.457E-02	4.268E-09	1.218E-04	1.260E-02	3.883E-04	1.904E-06	4.534E-04	1.280E+04
2.875E-01	2.686E-02	6.195E-09	1.253E-04	1.060E-02	3.765E-04	1.470E-06	4.122E-04	1.300E+04
2.852E-01	2.926E-02	8.891E-09	1.285E-04	8.954E-03	3.647E-04	1.140E-06	3.688E-04	1.320E+04
2.826E-01	3.176E-02	1.263E-08	1.313E-04	7.584E-03	3.530E-04	8.879E-07	3.298E-04	1.340E+04
2.796E-01	3.437E-02	1.774E-08	1.338E-04	6.443E-03	3.415E-04	6.945E-07	2.948E-04	1.360E+04
2.763E-01	3.707E-02	2.469E-08	1.358E-04	5.490E-03	3.302E-04	5.454E-07	2.635E-04	1.380E+04
2.728E-01	3.986E-02	3.405E-08	1.375E-04	4.691E-03	3.191E-04	4.299E-07	2.354E-04	1.400E+04
2.690E-01	4.274E-02	4.652E-08	1.388E-04	4.018E-03	3.082E-04	3.400E-07	2.102E-04	1.420E+04
2.650E-01	4.570E-02	6.301E-08	1.398E-04	3.450E-03	2.975E-04	2.698E-07	1.876E-04	1.440E+04
2.608E-01	4.873E-02	8.424E-08	1.404E-04	2.970E-03	2.859E-04	2.148E-07	1.674E-04	1.460E+04
2.564E-01	5.183E-02	1.128E-07	1.406E-04	2.562E-03	2.766E-04	1.714E-07	1.493E-04	1.480E+04
2.519E-01	5.498E-02	1.492E-07	1.405E-04	2.214E-03	2.664E-04	1.372E-07	1.331E-04	1.500E+04
2.472E-01	5.818E-02	1.958E-07	1.400E-04	1.917E-03	2.564E-04	1.101E-07	1.186E-04	1.520E+04
2.423E-01	6.142E-02	2.552E-07	1.392E-04	1.663E-03	2.465E-04	8.850E-08	1.056E-04	1.540E+04
2.374E-01	6.470E-02	3.304E-07	1.381E-04	1.445E-03	2.369E-04	7.130E-08	9.398E-05	1.560E+04
2.323E-01	6.799E-02	4.249E-07	1.366E-04	1.257E-03	2.274E-04	5.754E-08	8.358E-05	1.580E+04
2.272E-01	7.130E-02	5.429E-07	1.349E-04	1.095E-03	2.181E-04	4.652E-08	7.427E-05	1.600E+04
2.220E-01	7.461E-02	6.895E-07	1.329E-04	9.553E-04	2.089E-04	3.766E-08	6.595E-05	1.620E+04
2.167E-01	7.791E-02	8.704E-07	1.307E-04	8.342E-04	2.000E-04	3.053E-08	5.352E-05	1.640E+04
2.114E-01	8.119E-02	1.093E-06	1.282E-04	7.292E-04	1.912E-04	2.477E-08	5.189E-05	1.660E+04
2.060E-01	8.45E-02	1.344E-06	1.255E-04	6.379E-04	1.826E-04	2.012E-08	4.597E-05	1.680E+04
2.007E-01	8.767E-02	1.694E-06	1.227E-04	5.585E-04	1.742E-04	1.636E-08	4.069E-05	1.700E+04
1.953E-01	9.084E-02	2.092E-06	1.196E-04	4.894E-04	1.661E-04	1.331E-08	3.599E-05	1.720E+04
1.899E-01	9.397E-02	2.571E-06	1.164E-04	4.290E-04	1.581E-04	1.083E-08	3.180E-05	1.740E+04
1.845E-01	9.703E-02	3.145E-06	1.131E-04	3.763E-04	1.503E-04	8.824E-09	2.808E-05	1.750E+04
1.792E-01	1.000E-01	3.830E-06	1.097E-04	3.302E-04	1.428E-04	7.188E-09	2.478E-05	1.780E+04
1.739E-01	1.029E-01	4.643E-06	1.062E-04	2.898E-04	1.354E-04	5.857E-09	2.184E-05	1.800E+04
1.687E-01	1.058E-01	5.603E-06	1.026E-04	2.544E-04	1.283E-04	4.772E-09	1.924E-05	1.820E+04
1.635E-01	1.085E-01	6.735E-06	9.896E-05	2.234E-04	1.215E-04	3.889E-09	1.693E-05	1.840E+04
1.584E-01	1.112E-01	8.062E-06	9.531E-05	1.963E-04	1.148E-04	3.169E-09	1.489E-05	1.860E+04
1.533E-01	1.138E-01	9.615E-06	9.165E-05	1.724E-04	1.084E-04	2.582E-09	1.309E-05	1.880E+04
1.484E-01	1.163E-01	1.142E-05	8.799E-05	1.514E-04	1.022E-04	2.103E-09	1.149E-05	1.900E+04
1.435E-01	1.186E-01	1.352E-05	8.435E-05	1.330E-04	9.628E-05	1.712E-09	1.009E-05	1.920E+04
1.387E-01	1.209E-01	1.595E-05	8.074E-05	1.168E-04	9.058E-05	1.394E-09	8.848E-06	1.940E+04
1.340E-01	1.231E-01	1.875E-05	7.717E-05	1.026E-04	8.512E-05	1.134E-09	7.755E-06	1.960E+04
1.294E-01	1.252E-01	2.197E-05	7.366E-05	9.010E-05	7.990E-05	9.221E-10	6.794E-06	1.980E+04
1.249E-01	1.271E-01	2.567E-05	7.022E-05	7.911E-05	7.491E-05	7.495E-10	5.948E-06	2.000E+04
1.206E-01	1.290E-01	2.990E-05	6.685E-05	6.945E-05	7.015E-05	6.089E-10	5.205E-06	2.020E+04
1.163E-01	1.308E-01	3.472E-05	6.357E-05	6.096E-05	6.563E-05	4.944E-10	4.553E-06	2.040E+04
1.122E-01	1.324E-01	4.022E-05	6.037E-05	5.349E-05	6.133E-05	4.011E-10	3.981E-06	2.060E+04
1.081E-01	1.340E-01	4.645E-05	5.727E-05	4.693E-05	5.726E-05	3.253E-10	3.479E-06	2.080E+04
1.042E-01	1.355E-01	5.353E-05	5.427E-05	4.117E-05	5.340E-05	2.637E-10	3.040E-06	2.100E+04
1.004E-01	1.369E-01	6.133E-05	5.137E-05	3.610E-05	4.975E-05	2.136E-10	2.656E-06	2.120E+04
9.674E-02	1.382E-01	7.056E-05	4.858E-05	3.165E-05	4.631E-05	1.729E-10	2.319E-06	2.140E+04
9.318E-02	1.394E-01	8.073E-05	4.589E-05	2.774E-05	4.307E-05	1.399E-10	2.025E-06	2.160E+04
8.973E-02	1.405E-01	9.216E-05	4.331E-05	2.432E-05	4.002E-05	1.131E-10	1.768E-06	2.180E+04
8.640E-02	1.416E-01	1.050E-04	4.084E-05	2.131E-05	3.716E-05	9.140E-11	1.543E-06	2.200E+04
8.318E-02	1.426E-01	1.194E-04	3.848E-05	1.867E-05	3.447E-05	7.383E-11	1.347E-06	2.220E+04
8.007E-02	1.435E-01	1.355E-04	3.623E-05	1.635E-05	3.196E-05	5.951E-11	1.176E-06	2.240E+04
7.708E-02	1.444E-01	1.534E-04	3.409E-05	1.432E-05	2.961E-05	4.811E-11	1.027E-06	2.260E+04
7.419E-02	1.452E-01	1.735E-04	3.205E-05	1.254E-05	2.741E-05	3.881E-11	8.964E-07	2.280E+04
7.141E-02	1.459E-01	1.958E-04	3.011E-05	1.098E-05	2.536E-05	3.130E-11	7.828E-07	2.300E+04
6.873E-02	1.466E-01	2.206E-04	2.827E-05	9.615E-06	2.345E-05	2.523E-11	6.836E-07	2.320E+04
6.616E-02	1.472E-01	2.481E-04	2.633E-05	8.419E-06	2.168E-05	2.034E-11	5.972E-07	2.340E+04
6.368E-02	1.478E-01	2.786E-04	2.468E-05	7.372E-06	2.002E-05	1.639E-11	5.219E-07	2.360E+04
6.130E-02	1.484E-01	3.125E-04	2.333E-05	6.455E-06	1.849E-05	1.321E-11	4.561E-07	2.380E+04
5.901E-02	1.489E-01	3.499E-04	2.186E-05	5.653E-06	1.707E-05	1.065E-11	3.989E-07	2.400E+04
5.681E-02	1.493E-01	3.912E-04	2.048E-05	4.952E-06	1.575E-05	8.579E-12	3.489E-07	2.420E+04
5.470E-02	1.498E-01	4.368E-04	1.918E-05	4.338E-06	1.453E-05	6.914E-12	3.053E-07	2.440E+04
5.267E-02	1.501E-01	4.870E-04	1.795E-05	3.800E-06	1.340E-05	5.573E-12	2.673E-07	2.460E+04
5.073E-02	1.505E-01	5.423E-04	1.680E-05	3.331E-06	1.236E-05	4.494E-12	2.341E-07	2.480E+04
4.886E-02	1.509E-01	6.030E-04	1.572E-05	2.920E-06	1.139E-05	3.624E-12	2.052E-07	2.500E+04

Table II. - Continued.

P/P0 = 2.00E+02

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.414E-11	1.760E-18	0.
2.000E+02	0.	5.397E-69	0.	0.	0.	5.172E-11	1.760E-18	0.
3.000E+02	0.	2.380E-47	2.356E-81	0.	0.	5.086E-11	1.760E-18	0.
4.000E+02	0.	1.713E-36	5.918E-64	0.	0.	4.992E-11	1.760E-18	0.
5.000E+02	0.	5.739E-30	1.718E-53	0.	0.	4.837E-11	1.760E-18	0.
6.000E+02	5.615E-96	1.357E-25	1.612E-46	0.	0.	5.084E-11	1.760E-18	3.840E-96
7.000E+02	2.230E-81	1.752E-22	1.637E-41	0.	2.482E-91	4.750E-11	1.760E-18	6.202E-83
8.000E+02	4.176E-70	5.407E-20	6.637E-38	0.	4.853E-79	9.145E-11	1.760E-18	2.073E-72
9.000E+02	2.270E-60	1.410E-17	1.429E-35	0.	4.771E-68	1.368E-09	1.760E-18	2.541E-62
1.000E+03	1.998E-52	1.434E-15	8.941E-34	0.	4.916E-59	1.664E-08	1.760E-18	5.832E-54
1.100E+03	6.550E-46	6.365E-14	2.632E-32	0.	1.190E-51	1.382E-07	1.760E-18	4.151E-47
1.200E+03	1.792E-40	1.505E-12	4.428E-31	0.	1.697E-45	7.223E-07	1.760E-18	2.126E-41
1.300E+03	7.242E-36	2.190E-11	4.843E-30	0.	2.731E-40	3.073E-06	1.760E-18	1.435E-36
1.400E+03	6.505E-32	2.176E-10	3.776E-29	0.	7.914E-36	1.061E-05	1.760E-18	1.971E-32
1.500E+03	1.753E-28	1.593E-09	2.245E-28	0.	5.821E-32	3.180E-05	1.760E-18	7.574E-29
1.600E+03	1.775E-25	9.096E-09	1.071E-27	0.	1.405E-28	7.989E-05	1.760E-18	1.034E-25
1.700E+03	8.022E-23	4.234E-08	4.258E-27	0.	1.354E-25	1.805E-04	1.760E-18	6.018E-23
1.800E+03	1.814E-20	1.661E-07	1.484E-26	0.	5.957E-23	3.752E-04	1.795E-18	1.688E-20
1.900E+03	1.061E-18	5.645E-07	9.971E-26	0.	6.272E-21	7.211E-04	4.013E-18	1.187E-18
2.000E+03	1.180E-17	1.697E-06	1.955E-24	0.	1.176E-19	1.296E-03	2.913E-17	1.545E-17
2.100E+03	8.503E-17	4.593E-06	3.561E-23	0.	1.351E-18	2.200E-03	2.156E-16	1.274E-16
2.200E+03	5.022E-16	1.135E-05	5.103E-22	4.368E-87	1.212E-17	3.551E-03	1.360E-15	8.444E-16
2.300E+03	2.539E-15	2.590E-05	5.831E-21	5.049E-83	8.927E-17	5.485E-03	7.337E-15	4.709E-15
2.400E+03	1.123E-14	5.512E-05	5.450E-20	1.905E-79	5.543E-16	8.148E-03	3.440E-14	2.262E-14
2.500E+03	4.418E-14	1.103E-04	4.266E-19	3.732E-76	2.963E-15	1.169E-02	1.424E-13	9.527E-14
2.600E+03	1.567E-13	2.089E-04	2.852E-18	4.093E-73	1.386E-14	1.625E-02	5.273E-13	3.571E-13
2.700E+03	5.065E-13	3.766E-04	1.657E-17	2.680E-70	5.764E-14	2.196E-02	1.749E-12	1.206E-12
2.800E+03	1.508E-12	6.496E-04	8.486E-17	1.106E-67	2.155E-13	2.890E-02	5.424E-12	3.707E-12
2.900E+03	4.166E-12	1.076E-03	3.882E-16	3.020E-65	7.321E-13	3.711E-02	1.534E-11	1.047E-11
3.000E+03	1.077E-11	1.720E-03	1.604E-15	5.671E-63	2.281E-12	4.659E-02	4.032E-11	2.735E-11
3.100E+03	2.619E-11	2.657E-03	6.038E-15	7.627E-61	6.569E-12	5.725E-02	9.908E-11	6.658E-11
3.200E+03	6.026E-11	3.981E-03	2.090E-14	7.548E-59	1.761E-11	6.806E-02	2.290E-10	1.519E-10
3.300E+03	1.318E-10	5.798E-03	6.702E-14	5.660E-57	4.418E-11	8.150E-02	5.001E-10	3.262E-10
3.400E+03	2.754E-10	8.227E-03	2.003E-13	3.295E-55	1.043E-10	9.460E-02	1.037E-09	6.628E-10
3.500E+03	5.513E-10	1.139E-02	5.615E-13	1.522E-53	2.330E-10	1.089E-01	2.050E-09	1.279E-09
3.600E+03	1.061E-09	1.543E-02	1.484E-12	5.680E-52	4.940E-10	1.212E-01	3.876E-09	2.351E-09
3.700E+03	1.969E-09	2.046E-02	3.714E-12	1.750E-50	9.983E-10	1.389E-01	7.033E-09	4.133E-09
3.800E+03	3.534E-09	2.661E-02	8.843E-12	4.502E-49	1.929E-09	1.459E-01	1.229E-08	6.965E-09
3.900E+03	6.144E-09	3.398E-02	2.010E-11	9.817E-48	3.576E-09	1.567E-01	2.072E-08	1.128E-08
4.000E+03	1.037E-08	4.265E-02	4.380E-11	1.838E-46	6.374E-09	1.661E-01	3.380E-08	1.761E-08
4.100E+03	1.704E-08	5.270E-02	9.173E-11	2.989E-45	1.095E-08	1.738E-01	5.350E-08	2.655E-08
4.200E+03	2.729E-08	6.414E-02	1.852E-10	4.267E-44	1.819E-08	1.797E-01	8.231E-08	3.874E-08
4.300E+03	4.265E-08	7.698E-02	3.615E-10	5.393E-43	2.926E-08	1.837E-01	1.233E-07	5.479E-08
4.400E+03	6.516E-08	9.119E-02	6.836E-10	6.090E-42	4.566E-08	1.858E-01	1.802E-07	7.527E-08
4.500E+03	9.746E-08	1.067E-01	1.255E-09	6.191E-41	6.925E-08	1.860E-01	2.575E-07	1.006E-07
4.600E+03	1.429E-07	1.234E-01	2.242E-09	5.706E-40	1.022E-07	1.844E-01	3.598E-07	1.310E-07
4.700E+03	2.055E-07	1.411E-01	3.904E-09	4.798E-39	1.472E-07	1.811E-01	4.928E-07	1.664E-07
4.800E+03	2.903E-07	1.597E-01	6.634E-09	3.703E-38	2.069E-07	1.762E-01	6.622E-07	2.064E-07
4.900E+03	4.033E-07	1.789E-01	1.102E-08	2.636E-37	2.843E-07	1.781E-01	8.737E-07	2.505E-07
5.000E+03	5.515E-07	1.987E-01	1.792E-08	1.739E-36	3.826E-07	1.628E-01	1.133E-06	2.977E-07
5.100E+03	7.431E-07	2.187E-01	2.856E-08	1.068E-35	5.046E-07	1.546E-01	1.446E-06	3.471E-07
5.200E+03	9.874E-07	2.386E-01	4.465E-08	6.129E-35	6.532E-07	1.458E-01	1.817E-06	3.971E-07
5.300E+03	1.295E-06	2.584E-01	6.852E-08	3.298E-34	8.309E-07	1.365E-01	2.249E-06	4.466E-07
5.400E+03	1.679E-06	2.778E-01	1.033E-07	1.669E-33	1.040E-06	1.270E-01	2.745E-06	4.943E-07
5.500E+03	2.152E-06	2.965E-01	1.532E-07	7.970E-33	1.283E-06	1.174E-01	3.305E-06	5.391E-07
5.600E+03	2.731E-06	3.145E-01	2.235E-07	3.998E-32	1.560E-06	1.079E-01	3.927E-06	5.801E-07
5.700E+03	3.435E-06	3.315E-01	3.211E-07	1.539E-31	1.874E-06	9.873E-02	4.607E-06	6.169E-07
5.800E+03	4.285E-06	3.475E-01	4.541E-07	6.250E-31	2.226E-06	8.982E-02	5.341E-06	6.491E-07
5.900E+03	5.307E-06	3.624E-01	6.329E-07	2.414E-30	2.619E-06	8.157E-02	6.118E-06	6.767E-07
6.000E+03	6.530E-06	3.762E-01	8.695E-07	8.884E-30	3.054E-06	7.375E-02	6.931E-06	7.000E-07
6.100E+03	7.991E-06	3.888E-01	1.178E-06	3.120E-29	3.534E-06	6.649E-02	7.766E-06	7.193E-07
6.200E+03	9.732E-06	4.004E-01	1.574E-06	1.047E-28	4.064E-06	5.981E-02	8.612E-06	7.353E-07
6.300E+03	1.180E-05	4.108E-01	2.076E-06	3.362E-28	4.647E-06	5.371E-02	9.457E-06	7.684E-07
6.400E+03	1.426E-05	4.203E-01	2.703E-06	1.035E-27	5.289E-06	4.817E-02	1.029E-05	7.593E-07
6.500E+03	1.718E-05	4.288E-01	3.476E-06	3.058E-27	5.996E-06	4.318E-02	1.109E-05	7.686E-07
6.600E+03	2.064E-05	4.364E-01	4.420E-06	8.688E-27	6.774E-06	3.888E-02	1.186E-05	7.767E-07
6.700E+03	2.474E-05	4.432E-01	5.556E-06	2.377E-26	7.632E-06	3.486E-02	1.259E-05	7.841E-07
6.800E+03	2.958E-05	4.492E-01	6.911E-06	6.274E-26	8.578E-06	3.187E-02	1.326E-05	7.912E-07
6.900E+03	3.530E-05	4.547E-01	8.510E-06	1.600E-25	9.621E-06	2.787E-02	1.388E-05	7.982E-07
7.000E+03	4.203E-05	4.595E-01	1.038E-05	3.948E-25	1.077E-05	2.502E-02	1.445E-05	8.055E-07
7.100E+03	4.995E-05	4.639E-01	1.255E-05	9.443E-25	1.204E-05	2.250E-02	1.495E-05	8.132E-07
7.200E+03	5.925E-05	4.678E-01	1.505E-05	2.192E-24	1.343E-05	2.025E-02	1.540E-05	8.215E-07
7.300E+03	7.016E-05	4.714E-01	1.790E-05	4.946E-24	1.497E-05	1.826E-02	1.579E-05	8.306E-07
7.400E+03	8.291E-05	4.744E-01	2.113E-05	1.086E-23	1.667E-05	1.650E-02	1.612E-05	8.407E-07
7.500E+03	9.782E-05	4.776E-01	2.477E-05	2.325E-23	1.853E-05	1.493E-02	1.641E-05	8.519E-07
7.600E+03	1.152E-04	4.805E-01	2.885E-05	4.855E-23	2.059E-05	1.354E-02	1.664E-05	8.642E-07
7.700E+03	1.354E-04	4.831E-01	3.339E-05	9.903E-23	2.285E-05	1.230E-02	1.684E-05	8.780E-07
7.800E+03	1.589E-04	4.857E-01	3.843E-05	1.975E-22	2.535E-05	1.121E-02	1.699E-05	8.933E-07
7.900E+03	1.862E-04	4.882E-01	4.398E-05	3.857E-22	2.809E-05	1.023E-02	1.711E-05	9.102E-07
8.000E+03	2.178E-04	4.908E-01	5.008E-05	7.380E-22	3.111E-05	9.387E-03	1.720E-05	9.289E-07
8.200E+03	2.963E-04	4.961E-01	6.407E-05	2.553E-21	3.809E-05	7.908E-03	1.731E-05	9.721E-07

Table II. - Continued.

P/P0 = 2.00E+02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	4.375E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.750E-41	1.114E-81	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.732E-29	4.179E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	9.646E-22	9.898E-49	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	8.207E-17	1.606E-40	1.000E+00	0.	6.000E+02
1.913E-81	1.921E-80	0.	0.	2.844E-13	1.347E-34	1.000E+00	4.157E-94	7.000E+02
1.407E-67	1.664E-59	0.	0.	9.018E-11	1.304E-30	1.000E+00	1.910E-79	8.000E+02
1.758E-57	2.094E-50	0.	0.	2.641E-09	6.076E-29	1.000E+00	5.991E-70	9.000E+02
1.407E-50	1.727E-56	0.	0.	3.318E-08	7.936E-28	1.000E+00	1.216E-62	1.000E+03
3.565E-45	7.215E-51	0.	9.335E-90	2.603E-07	6.346E-27	1.000E+00	1.124E-56	1.100E+03
8.270E-41	3.062E-48	0.	1.592E-79	1.444E-06	3.584E-26	1.000E+00	1.049E-51	1.200E+03
2.861E-37	1.272E-45	0.	5.353E-71	6.145E-06	1.552E-25	1.000E+00	1.690E-47	1.300E+03
4.875E-34	2.099E-42	0.	8.777E-64	2.122E-05	3.450E-25	1.000E+00	6.816E-44	1.400E+03
2.223E-31	1.678E-41	0.	1.340E-57	6.200E-05	1.620E-24	9.999E-01	9.091E-41	1.500E+03
4.480E-29	7.503E-40	2.564E-95	3.061E-52	1.582E-04	4.202E-24	9.998E-01	4.933E-36	1.600E+03
4.673E-27	2.093E-37	1.091E-91	1.494E-47	3.610E-04	9.748E-24	9.995E-01	1.276E-35	1.700E+03
2.819E-25	3.957E-36	1.746E-88	2.051E-43	7.505E-04	2.101E-23	9.989E-01	1.782E-33	1.800E+03
1.079E-22	5.517E-36	1.285E-85	9.556E-40	1.443E-03	9.180E-23	9.978E-01	1.479E-31	1.900E+03
2.817E-22	1.284E-34	2.288E-82	8.318E-37	2.325E-02	1.218E-21	9.961E-01	7.888E-30	2.000E+03
5.513E-21	7.690E-33	2.395E-78	1.045E-34	2.594E-03	1.557E-20	9.934E-01	2.880E-28	2.100E+03
7.579E-20	3.850E-31	1.582E-74	6.710E-33	4.404E-03	1.615E-19	9.893E-01	7.579E-27	2.200E+03
8.474E-19	1.385E-29	4.938E-71	2.879E-31	7.113E-03	1.372E-18	9.835E-01	1.500E-25	2.300E+03
7.690E-18	2.669E-28	7.724E-68	8.859E-30	1.100E-02	9.764E-18	9.754E-01	2.312E-24	2.400E+03
5.806E-17	7.419E-27	6.620E-65	2.042E-28	1.635E-02	5.936E-17	9.647E-01	2.859E-23	2.500E+03
3.727E-16	1.182E-25	3.312E-62	3.649E-27	2.349E-02	3.138E-16	9.508E-01	2.908E-22	2.600E+03
2.072E-15	1.524E-24	1.031E-59	5.210E-26	3.272E-02	1.461E-15	9.334E-01	2.486E-21	2.700E+03
1.014E-14	1.628E-23	2.106E-57	6.088E-25	4.430E-02	6.109E-15	9.120E-01	1.818E-20	2.800E+03
4.423E-14	1.666E-22	2.951E-55	5.949E-24	5.845E-02	2.303E-14	8.865E-01	1.156E-19	2.900E+03
1.741E-13	1.141E-21	2.945E-53	4.950E-23	7.530E-02	7.925E-14	8.568E-01	6.472E-19	3.000E+03
6.245E-13	7.730E-21	2.172E-51	3.563E-22	9.490E-02	8.229E-13	8.229E-01	3.231E-18	3.100E+03
2.059E-12	4.630E-20	1.216E-49	2.248E-21	1.172E-01	2.509E-13	7.852E-01	1.453E-17	3.200E+03
6.290E-12	2.880E-19	5.288E-48	1.259E-20	1.419E-01	7.366E-13	7.439E-01	5.937E-17	3.300E+03
1.792E-11	1.201E-18	1.847E-46	6.326E-20	1.688E-01	2.008E-12	6.998E-01	2.224E-16	3.400E+03
4.791E-11	5.297E-18	5.231E-45	2.876E-19	1.974E-01	5.185E-12	6.534E-01	7.689E-16	3.500E+03
1.208E-10	2.148E-17	1.228E-43	1.194E-18	2.273E-01	1.257E-11	6.056E-01	2.470E-15	3.600E+03
2.888E-10	8.045E-17	2.425E-42	4.554E-18	2.578E-01	2.891E-11	5.973E-01	7.420E-15	3.700E+03
6.574E-10	2.820E-16	4.091E-41	1.608E-17	2.883E-01	6.326E-11	5.091E-01	2.095E-14	3.800E+03
1.430E-09	9.242E-16	5.974E-40	5.288E-17	3.184E-01	1.323E-10	4.620E-01	5.588E-14	3.900E+03
2.985E-09	2.854E-15	7.632E-39	1.628E-16	3.473E-01	2.655E-10	4.165E-01	1.415E-13	4.000E+03
5.995E-09	8.345E-15	8.622E-38	4.713E-16	3.748E-01	5.127E-10	3.732E-01	3.414E-13	4.100E+03
1.163E-08	2.320E-14	8.726E-37	1.290E-15	4.003E-01	9.561E-10	3.326E-01	7.686E-13	4.200E+03
2.183E-08	6.161E-14	7.928E-36	3.349E-15	4.236E-01	1.726E-09	2.948E-01	1.750E-12	4.300E+03
3.978E-08	1.568E-13	6.563E-35	8.285E-15	4.444E-01	3.026E-09	2.602E-01	2.742E-12	4.400E+03
7.053E-08	3.838E-13	4.963E-34	1.959E-14	4.628E-01	5.163E-09	2.286E-01	7.740E-12	4.500E+03
1.219E-07	9.061E-13	3.466E-33	4.442E-14	4.787E-01	8.592E-09	2.001E-01	1.553E-11	4.600E+03
2.060E-07	2.070E-12	2.238E-32	9.686E-14	4.921E-01	1.398E-08	1.746E-01	3.029E-11	4.700E+03
3.405E-07	4.587E-12	1.347E-31	2.038E-13	5.032E-01	2.226E-08	1.520E-01	5.762E-11	4.800E+03
5.523E-07	9.883E-12	7.585E-31	4.145E-13	5.121E-01	3.479E-08	1.319E-01	1.071E-10	4.900E+03
8.797E-07	2.075E-11	4.018E-30	8.172E-13	5.191E-01	5.340E-08	1.143E-01	1.950E-10	5.000E+03
1.378E-06	4.252E-11	2.010E-29	1.566E-12	5.242E-01	8.065E-08	9.886E-02	3.485E-10	5.100E+03
2.126E-06	8.520E-11	9.529E-29	2.920E-12	5.279E-01	1.200E-07	8.540E-02	6.120E-10	5.200E+03
3.235E-06	1.672E-10	4.295E-28	5.314E-12	5.302E-01	1.760E-07	7.371E-02	1.038E-09	5.300E+03
4.859E-06	3.215E-10	1.845E-27	9.451E-12	5.314E-01	2.547E-07	6.358E-02	1.804E-09	5.400E+03
7.211E-06	6.096E-10	7.575E-27	1.646E-11	5.317E-01	3.642E-07	5.483E-02	3.035E-09	5.500E+03
1.058E-05	1.132E-09	2.978E-26	2.811E-11	5.313E-01	5.147E-07	4.730E-02	5.047E-09	5.600E+03
1.537E-05	2.068E-09	1.123E-25	4.716E-11	5.303E-01	7.191E-07	4.081E-02	8.297E-09	5.700E+03
2.212E-05	3.715E-09	4.069E-25	7.784E-11	5.289E-01	9.940E-07	3.525E-02	1.350E-08	5.800E+03
3.153E-05	6.570E-09	1.418E-24	1.266E-10	5.273E-01	1.359E-06	3.047E-02	2.174E-08	5.900E+03
4.456E-05	1.144E-08	4.755E-24	2.030E-10	5.255E-01	1.840E-06	2.638E-02	3.469E-08	6.000E+03
6.245E-05	1.961E-08	1.536E-23	3.215E-10	5.236E-01	2.465E-06	2.287E-02	5.483E-08	6.100E+03
8.683E-05	3.312E-08	4.786E-23	5.034E-10	5.217E-01	3.268E-06	1.906E-02	8.588E-08	6.200E+03
1.198E-04	5.309E-08	1.438E-22	7.799E-10	5.198E-01	4.291E-06	1.729E-02	1.333E-07	6.300E+03
1.641E-04	9.028E-08	4.172E-22	1.197E-09	5.180E-01	5.577E-06	1.508E-02	2.051E-07	6.400E+03
2.230E-04	1.458E-07	1.169E-21	1.819E-09	5.162E-01	7.178E-06	1.318E-02	3.128E-07	6.500E+03
3.010E-04	2.319E-07	3.169E-21	2.742E-09	5.145E-01	9.151E-06	1.155E-02	4.729E-07	6.600E+03
4.035E-04	3.637E-07	8.310E-21	4.099E-09	5.129E-01	1.156E-05	1.014E-02	7.087E-07	6.700E+03
5.370E-04	5.624E-07	2.111E-20	6.081E-09	5.114E-01	1.446E-05	8.929E-03	1.053E-06	6.800E+03
7.099E-04	8.577E-07	5.199E-20	8.952E-09	5.100E-01	1.793E-05	7.881E-03	1.549E-06	6.900E+03
9.322E-04	1.291E-06	1.243E-19	1.308E-08	5.086E-01	2.205E-05	6.973E-03	2.261E-06	7.000E+03
1.216E-03	1.917E-06	2.886E-19	1.898E-08	5.072E-01	2.688E-05	6.185E-03	3.270E-06	7.100E+03
1.576E-03	2.811E-06	6.518E-19	2.734E-08	5.057E-01	3.252E-05	5.499E-03	4.687E-06	7.200E+03
2.029E-03	4.071E-06	1.433E-18	3.911E-08	5.043E-01	3.903E-05	4.901E-03	6.658E-06	7.300E+03
2.596E-03	5.826E-06	3.071E-18	5.555E-08	5.027E-01	4.650E-05	4.377E-03	9.372E-06	7.400E+03
3.300E-03	8.240E-06	6.419E-18	7.836E-08	5.010E-01	5.501E-05	3.918E-03	1.307E-05	7.500E+03
4.168E-03	1.152E-05	1.310E-17	1.098E-07	4.991E-01	6.461E-05	3.514E-03	1.807E-05	7.600E+03
5.231E-03	1.593E-05	2.611E-17	1.527E-07	4.970E-01	7.538E-05	3.158E-03	2.474E-05	7.700E+03
6.524E-03	2.178E-05	3.088E-17	2.109E-07	4.945E-01	8.736E-05	2.843E-03	3.355E-05	7.800E+03
8.086E-03	2.947E-05	9.702E-17	2.893E-07	4.918E-01	1.006E-04	2.564E-03	4.506E-05	7.900E+03
9.957E-03	3.949E-05	1.811E-16	3.940E-07	4.885E-01	1.151E-04	2.315E-03	5.992E-05	8.000E+03
1.218E-02	5.226E-05	3.312E-16	5.328E-07	4.848E-01	1.308E-04	1.894E-03	1.027E-04	8.100E+03
1.788E-02	8.895E-05	1.044E-15	9.527E-07	4.755E-01	1.660E-04			8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	4.000E-04	5.018E-01	8.069E-05	8.244E-21	4.650E-05	6.749E-03	1.737E-05	1.024E-06
8.600E+03	5.353E-04	5.084E-01	1.004E-04	2.506E-20	5.637E-05	5.824E-03	1.743E-05	1.084E-06
8.800E+03	7.093E-04	5.160E-01	1.236E-04	7.230E-20	6.850E-05	5.083E-03	1.753E-05	1.152E-06
9.000E+03	9.300E-04	5.246E-01	1.513E-04	1.994E-19	8.245E-05	4.485E-03	1.772E-05	1.227E-06
9.200E+03	1.204E-03	5.343E-01	1.843E-04	5.289E-19	9.850E-05	3.997E-03	1.802E-05	1.308E-06
9.400E+03	1.539E-03	5.447E-01	2.237E-04	1.357E-18	1.167E-04	3.592E-03	1.844E-05	1.390E-06
9.600E+03	1.942E-03	5.557E-01	2.709E-04	3.381E-18	1.368E-04	3.252E-03	1.898E-05	1.472E-06
9.800E+03	2.417E-03	5.688E-01	3.275E-04	8.198E-18	1.586E-04	2.959E-03	1.965E-05	1.550E-06
1.000E+04	2.971E-03	5.777E-01	3.950E-04	1.939E-17	1.820E-04	2.703E-03	2.042E-05	1.620E-06
1.020E+04	3.606E-03	5.880E-01	4.752E-04	4.477E-17	2.064E-04	2.475E-03	2.128E-05	1.679E-06
1.040E+04	4.327E-03	5.976E-01	5.701E-04	1.010E-16	2.315E-04	2.269E-03	2.222E-05	1.725E-06
1.060E+04	5.137E-03	6.062E-01	6.817E-04	2.228E-16	2.571E-04	2.082E-03	2.321E-05	1.758E-06
1.080E+04	6.040E-03	6.137E-01	8.122E-04	4.805E-16	2.827E-04	1.910E-03	2.425E-05	1.777E-06
1.100E+04	7.040E-03	6.200E-01	9.640E-04	1.014E-15	3.082E-04	1.753E-03	2.533E-05	1.784E-06
1.120E+04	8.139E-03	6.254E-01	1.140E-03	2.095E-15	3.333E-04	1.609E-03	2.643E-05	1.778E-06
1.140E+04	9.343E-03	6.297E-01	1.342E-03	4.236E-15	3.579E-04	1.477E-03	2.754E-05	1.763E-06
1.160E+04	1.066E-02	6.331E-01	1.573E-03	8.393E-15	3.818E-04	1.356E-03	2.867E-05	1.739E-06
1.180E+04	1.208E-02	6.357E-01	1.836E-03	1.630E-14	4.052E-04	1.245E-03	2.981E-05	1.708E-06
1.200E+04	1.362E-02	6.375E-01	2.135E-03	3.105E-14	4.278E-04	1.145E-03	3.096E-05	1.672E-06
1.220E+04	1.529E-02	6.387E-01	2.472E-03	5.803E-14	4.497E-04	1.053E-03	3.210E-05	1.631E-06
1.240E+04	1.708E-02	6.394E-01	2.851E-03	1.065E-13	4.708E-04	9.698E-04	3.325E-05	1.588E-06
1.260E+04	1.901E-02	6.395E-01	3.276E-03	1.921E-13	4.912E-04	8.938E-04	3.441E-05	1.542E-06
1.280E+04	2.107E-02	6.392E-01	3.751E-03	3.408E-13	5.108E-04	8.247E-04	3.556E-05	1.495E-06
1.300E+04	2.326E-02	6.385E-01	4.278E-03	5.946E-13	5.297E-04	7.618E-04	3.671E-05	1.447E-06
1.320E+04	2.561E-02	6.374E-01	4.863E-03	1.021E-12	5.477E-04	7.044E-04	3.785E-05	1.399E-06
1.340E+04	2.810E-02	6.360E-01	5.509E-03	1.729E-12	5.650E-04	6.520E-04	3.899E-05	1.350E-06
1.360E+04	3.073E-02	6.343E-01	6.221E-03	2.883E-12	5.814E-04	6.041E-04	4.012E-05	1.302E-06
1.380E+04	3.353E-02	6.322E-01	7.003E-03	4.743E-12	5.969E-04	5.603E-04	4.124E-05	1.256E-06
1.400E+04	3.647E-02	6.300E-01	7.859E-03	7.700E-12	6.116E-04	5.202E-04	4.235E-05	1.207E-06
1.420E+04	3.958E-02	6.274E-01	8.794E-03	1.234E-11	6.254E-04	4.833E-04	4.345E-05	1.160E-06
1.440E+04	4.284E-02	6.246E-01	9.812E-03	1.954E-11	6.383E-04	4.485E-04	4.453E-05	1.114E-06
1.460E+04	4.626E-02	6.216E-01	1.092E-02	3.057E-11	6.502E-04	4.183E-04	4.558E-05	1.069E-06
1.480E+04	4.984E-02	6.183E-01	1.212E-02	4.728E-11	6.612E-04	3.895E-04	4.662E-05	1.025E-06
1.500E+04	5.359E-02	6.147E-01	1.341E-02	7.234E-11	6.712E-04	3.630E-04	4.762E-05	9.821E-07
1.520E+04	5.745E-02	6.110E-01	1.481E-02	1.095E-10	6.801E-04	3.384E-04	4.860E-05	9.398E-07
1.540E+04	6.155E-02	6.069E-01	1.631E-02	1.641E-10	6.881E-04	3.157E-04	4.955E-05	8.985E-07
1.560E+04	6.577E-02	6.027E-01	1.793E-02	2.436E-10	6.950E-04	2.946E-04	5.045E-05	8.582E-07
1.580E+04	7.015E-02	5.982E-01	1.965E-02	3.581E-10	7.009E-04	2.750E-04	5.132E-05	8.189E-07
1.600E+04	7.468E-02	5.934E-01	2.150E-02	5.217E-10	7.058E-04	2.567E-04	5.214E-05	7.806E-07
1.620E+04	7.937E-02	5.884E-01	2.347E-02	7.534E-10	7.095E-04	2.397E-04	5.292E-05	7.434E-07
1.640E+04	8.420E-02	5.832E-01	2.556E-02	1.079E-09	7.123E-04	2.239E-04	5.364E-05	7.071E-07
1.660E+04	8.918E-02	5.778E-01	2.778E-02	1.532E-09	7.139E-04	2.091E-04	5.431E-05	6.719E-07
1.680E+04	9.430E-02	5.721E-01	3.014E-02	2.159E-09	7.145E-04	1.953E-04	5.492E-05	6.377E-07
1.700E+04	9.957E-02	5.662E-01	3.262E-02	3.019E-09	7.141E-04	1.824E-04	5.547E-05	6.046E-07
1.720E+04	1.050E-01	5.600E-01	3.525E-02	4.190E-09	7.126E-04	1.703E-04	5.595E-05	5.725E-07
1.740E+04	1.105E-01	5.536E-01	3.801E-02	5.774E-09	7.101E-04	1.590E-04	5.637E-05	5.415E-07
1.760E+04	1.161E-01	5.470E-01	4.091E-02	7.901E-09	7.066E-04	1.484E-04	5.671E-05	5.115E-07
1.780E+04	1.219E-01	5.402E-01	4.395E-02	1.074E-08	7.022E-04	1.384E-04	5.698E-05	4.825E-07
1.800E+04	1.278E-01	5.331E-01	4.713E-02	1.453E-08	6.967E-04	1.291E-04	5.717E-05	4.546E-07
1.820E+04	1.338E-01	5.258E-01	5.045E-02	1.946E-08	6.904E-04	1.204E-04	5.729E-05	4.277E-07
1.840E+04	1.399E-01	5.184E-01	5.391E-02	2.595E-08	6.831E-04	1.121E-04	5.732E-05	4.019E-07
1.860E+04	1.461E-01	5.107E-01	5.750E-02	3.439E-08	6.750E-04	1.044E-04	5.727E-05	3.771E-07
1.880E+04	1.523E-01	5.028E-01	6.123E-02	4.532E-08	6.661E-04	9.719E-05	5.714E-05	3.534E-07
1.900E+04	1.587E-01	4.948E-01	6.509E-02	5.939E-08	6.564E-04	9.039E-05	5.693E-05	3.306E-07
1.920E+04	1.651E-01	4.865E-01	6.908E-02	7.739E-08	6.459E-04	8.401E-05	5.664E-05	3.089E-07
1.940E+04	1.716E-01	4.781E-01	7.319E-02	1.003E-07	6.347E-04	7.802E-05	5.626E-05	2.881E-07
1.960E+04	1.781E-01	4.696E-01	7.742E-02	1.293E-07	6.229E-04	7.241E-05	5.580E-05	2.684E-07
1.980E+04	1.847E-01	4.608E-01	8.176E-02	1.659E-07	6.105E-04	6.714E-05	5.526E-05	2.496E-07
2.000E+04	1.914E-01	4.520E-01	8.621E-02	2.118E-07	5.975E-04	6.220E-05	5.464E-05	2.318E-07
2.020E+04	1.981E-01	4.430E-01	9.077E-02	2.691E-07	5.840E-04	5.758E-05	5.394E-05	2.149E-07
2.040E+04	2.048E-01	4.339E-01	9.542E-02	3.402E-07	5.700E-04	5.325E-05	5.318E-05	1.989E-07
2.060E+04	2.115E-01	4.247E-01	1.002E-01	4.283E-07	5.557E-04	4.920E-05	5.234E-05	1.838E-07
2.080E+04	2.182E-01	4.155E-01	1.050E-01	5.367E-07	5.410E-04	4.542E-05	5.143E-05	1.696E-07
2.100E+04	2.249E-01	4.061E-01	1.099E-01	6.696E-07	5.259E-04	4.188E-05	5.047E-05	1.563E-07
2.120E+04	2.317E-01	3.967E-01	1.148E-01	8.319E-07	5.107E-04	3.858E-05	4.944E-05	1.437E-07
2.140E+04	2.384E-01	3.873E-01	1.198E-01	1.029E-06	4.952E-04	3.551E-05	4.836E-05	1.320E-07
2.160E+04	2.450E-01	3.778E-01	1.248E-01	1.268E-06	4.796E-04	3.265E-05	4.723E-05	1.210E-07
2.180E+04	2.517E-01	3.683E-01	1.299E-01	1.557E-06	4.639E-04	2.988E-05	4.606E-05	1.108E-07
2.200E+04	2.583E-01	3.589E-01	1.350E-01	1.904E-06	4.482E-04	2.751E-05	4.485E-05	1.012E-07
2.220E+04	2.648E-01	3.494E-01	1.401E-01	2.320E-06	4.324E-04	2.521E-05	4.360E-05	9.236E-08
2.240E+04	2.713E-01	3.400E-01	1.453E-01	2.816E-06	4.167E-04	2.309E-05	4.233E-05	8.416E-08
2.260E+04	2.778E-01	3.306E-01	1.504E-01	3.406E-06	4.011E-04	2.112E-05	4.104E-05	7.653E-08
2.280E+04	2.841E-01	3.213E-01	1.555E-01	4.106E-06	3.856E-04	1.930E-05	3.972E-05	6.951E-08
2.300E+04	2.904E-01	3.120E-01	1.606E-01	4.934E-06	3.703E-04	1.762E-05	3.840E-05	6.303E-08
2.320E+04	2.966E-01	3.028E-01	1.656E-01	5.908E-06	3.552E-04	1.606E-05	3.707E-05	5.708E-08
2.340E+04	3.027E-01	2.938E-01	1.707E-01	7.053E-06	3.403E-04	1.464E-05	3.573E-05	5.161E-08
2.360E+04	3.087E-01	2.848E-01	1.756E-01	8.393E-06	3.258E-04	1.332E-05	3.440E-05	4.606E-08
2.380E+04	3.146E-01	2.760E-01	1.805E-01	9.958E-06	3.115E-04	1.211E-05	3.307E-05	4.202E-08
2.400E+04	3.204E-01	2.673E-01	1.854E-01	1.178E-05	2.975E-04	1.101E-05	3.176E-05	3.784E-08
2.420E+04	3.261E-01	2.587E-01	1.902E-01	1.389E-05	2.839E-04	9.902E-06	3.046E-05	3.403E-08
2.440E+04	3.317E-01	2.503E-01	1.949E-01	1.634E-05	2.706E-04	9.044E-06	2.918E-05	3.057E-08
2.460E+04	3.372E-01	2.420E-01	1.995E-01	1.917E-05	2.577E-04	8.215E-06	2.792E-05	2.743E-08
2.480E+04	3.425E-01	2.340E-01	2.041E-01	2.242E-05	2.452E-04	7.439E-06	2.669E-05	2.458E-08
2.500E+04	3.477E-01	2.260E-01	2.085E-01	2.616E-05	2.331E-04	6.733E-06	2.548E-05	2.200E-08



Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.555E-02	1.455E-04	3.056E-15	1.652E-06	4.632E-01	2.056E-04	1.555E-03	1.685E-04	8.400E+03
3.550E-02	2.291E-04	8.343E-15	2.770E-06	4.475E-01	2.488E-04	1.278E-03	2.642E-04	8.600E+03
4.793E-02	3.478E-04	2.137E-14	4.484E-06	4.280E-01	2.947E-04	1.050E-03	3.946E-04	8.800E+03
6.285E-02	5.099E-04	5.167E-14	6.994E-06	4.046E-01	3.417E-04	8.600E-04	5.607E-04	9.000E+03
8.007E-02	7.237E-04	1.185E-13	1.050E-05	3.776E-01	3.886E-04	7.015E-04	7.577E-04	9.200E+03
9.913E-02	9.967E-04	2.392E-13	1.516E-05	3.477E-01	4.338E-04	5.688E-04	9.744E-04	9.400E+03
1.194E-01	1.335E-03	5.431E-13	2.108E-05	3.158E-01	4.760E-04	4.578E-04	1.195E-03	9.600E+03
1.403E-01	1.745E-03	1.095E-12	2.826E-05	2.830E-01	5.140E-04	3.655E-04	1.402E-03	9.800E+03
1.609E-01	2.228E-03	2.133E-12	3.662E-05	2.504E-01	5.470E-04	2.894E-04	1.578E-03	1.000E+04
1.808E-01	2.789E-03	4.026E-12	4.599E-05	2.191E-01	5.743E-04	2.273E-04	1.712E-03	1.020E+04
1.993E-01	3.428E-03	7.381E-12	5.614E-05	1.897E-01	5.957E-04	1.772E-04	1.801E-03	1.040E+04
2.160E-01	4.147E-03	1.318E-11	6.682E-05	1.628E-01	6.113E-04	1.373E-04	1.841E-03	1.060E+04
2.309E-01	4.945E-03	2.297E-11	7.780E-05	1.388E-01	6.214E-04	1.058E-04	1.837E-03	1.080E+04
2.438E-01	5.822E-03	3.913E-11	8.885E-05	1.176E-01	6.267E-04	8.124E-05	1.797E-03	1.100E+04
2.547E-01	6.781E-03	6.528E-11	9.978E-05	9.934E-02	6.277E-04	6.223E-05	1.729E-03	1.120E+04
2.638E-01	7.819E-03	1.068E-10	1.105E-04	8.367E-02	6.250E-04	4.763E-05	1.641E-03	1.140E+04
2.713E-01	8.939E-03	1.716E-10	1.208E-04	7.038E-02	6.195E-04	3.646E-05	1.540E-03	1.160E+04
2.772E-01	1.014E-02	2.712E-10	1.307E-04	5.918E-02	6.116E-04	2.794E-05	1.433E-03	1.180E+04
2.818E-01	1.143E-02	4.216E-10	1.401E-04	4.979E-02	6.020E-04	2.146E-05	1.325E-03	1.200E+04
2.853E-01	1.280E-02	6.458E-10	1.490E-04	4.194E-02	5.909E-04	1.652E-05	1.218E-03	1.220E+04
2.877E-01	1.425E-02	9.752E-10	1.574E-04	3.539E-02	5.789E-04	1.276E-05	1.115E-03	1.240E+04
2.893E-01	1.579E-02	1.453E-09	1.653E-04	2.992E-02	5.662E-04	9.893E-06	1.017E-03	1.260E+04
2.902E-01	1.741E-02	2.138E-09	1.727E-04	2.536E-02	5.529E-04	7.698E-06	9.257E-04	1.280E+04
2.904E-01	1.912E-02	3.108E-09	1.796E-04	2.155E-02	5.394E-04	6.013E-06	8.409E-04	1.300E+04
2.901E-01	2.092E-02	4.468E-09	1.859E-04	1.836E-02	5.257E-04	4.716E-06	7.627E-04	1.320E+04
2.892E-01	2.279E-02	6.352E-09	1.917E-04	1.569E-02	5.120E-04	3.713E-06	6.911E-04	1.340E+04
2.880E-01	2.476E-02	8.938E-09	1.970E-04	1.344E-02	4.982E-04	2.935E-06	6.256E-04	1.360E+04
2.864E-01	2.680E-02	1.245E-08	2.018E-04	1.155E-02	4.845E-04	2.329E-06	5.660E-04	1.380E+04
2.844E-01	2.892E-02	1.719E-08	2.061E-04	9.949E-03	4.710E-04	1.855E-06	5.118E-04	1.400E+04
2.822E-01	3.112E-02	2.351E-08	2.098E-04	8.593E-03	4.575E-04	1.483E-06	4.626E-04	1.420E+04
2.797E-01	3.339E-02	3.188E-08	2.131E-04	7.441E-03	4.442E-04	1.189E-06	4.179E-04	1.440E+04
2.769E-01	3.573E-02	4.287E-08	2.158E-04	6.459E-03	4.310E-04	9.568E-07	3.775E-04	1.460E+04
2.739E-01	3.814E-02	5.719E-08	2.180E-04	5.619E-03	4.180E-04	7.721E-07	3.408E-04	1.480E+04
2.707E-01	4.061E-02	7.572E-08	2.197E-04	4.900E-03	4.051E-04	6.252E-07	3.076E-04	1.500E+04
2.674E-01	4.314E-02	9.952E-08	2.209E-04	4.282E-03	3.924E-04	5.075E-07	2.776E-04	1.520E+04
2.638E-01	4.572E-02	1.299E-07	2.216E-04	3.749E-03	3.799E-04	4.131E-07	2.504E-04	1.540E+04
2.601E-01	4.834E-02	1.683E-07	2.219E-04	3.288E-03	3.676E-04	3.370E-07	2.257E-04	1.560E+04
2.563E-01	5.101E-02	2.168E-07	2.217E-04	2.889E-03	3.554E-04	2.756E-07	2.035E-04	1.580E+04
2.524E-01	5.371E-02	2.774E-07	2.210E-04	2.543E-03	3.434E-04	2.258E-07	1.833E-04	1.600E+04
2.483E-01	5.644E-02	3.528E-07	2.199E-04	2.242E-03	3.316E-04	1.854E-07	1.651E-04	1.620E+04
2.442E-01	5.920E-02	4.460E-07	2.183E-04	1.979E-03	3.199E-04	1.525E-07	1.486E-04	1.640E+04
2.399E-01	6.196E-02	5.607E-07	2.164E-04	1.749E-03	3.084E-04	1.256E-07	1.337E-04	1.660E+04
2.356E-01	6.474E-02	7.011E-07	2.141E-04	1.548E-03	2.971E-04	1.036E-07	1.202E-04	1.680E+04
2.312E-01	6.752E-02	8.719E-07	2.114E-04	1.372E-03	2.860E-04	8.562E-08	1.080E-04	1.700E+04
2.268E-01	7.030E-02	1.079E-06	2.084E-04	1.216E-03	2.751E-04	7.083E-08	9.706E-05	1.720E+04
2.223E-01	7.307E-02	1.328E-06	2.051E-04	1.080E-03	2.644E-04	5.865E-08	8.713E-05	1.740E+04
2.177E-01	7.582E-02	1.628E-06	2.015E-04	9.594E-04	2.539E-04	4.862E-08	7.818E-05	1.760E+04
2.132E-01	7.855E-02	1.986E-06	1.976E-04	8.530E-04	2.435E-04	4.034E-08	7.011E-05	1.780E+04
2.086E-01	8.125E-02	2.411E-06	1.935E-04	7.590E-04	2.334E-04	3.349E-08	6.283E-05	1.800E+04
2.040E-01	8.392E-02	2.916E-06	1.891E-04	6.757E-04	2.235E-04	2.783E-08	5.628E-05	1.820E+04
1.994E-01	8.655E-02	3.511E-06	1.846E-04	6.018E-04	2.139E-04	2.313E-08	5.038E-05	1.840E+04
1.948E-01	8.914E-02	4.210E-06	1.799E-04	5.363E-04	2.044E-04	1.924E-08	4.507E-05	1.860E+04
1.902E-01	9.168E-02	5.030E-06	1.751E-04	4.781E-04	1.952E-04	1.601E-08	4.030E-05	1.880E+04
1.857E-01	9.416E-02	5.986E-06	1.702E-04	4.264E-04	1.863E-04	1.332E-08	3.601E-05	1.900E+04
1.812E-01	9.659E-02	7.097E-06	1.652E-04	3.804E-04	1.776E-04	1.109E-08	3.216E-05	1.920E+04
1.767E-01	9.896E-02	8.386E-06	1.601E-04	3.394E-04	1.691E-04	9.234E-09	2.871E-05	1.940E+04
1.722E-01	1.013E-01	9.875E-06	1.549E-04	3.029E-04	1.609E-04	7.689E-09	2.562E-05	1.960E+04
1.678E-01	1.035E-01	1.159E-05	1.497E-04	2.704E-04	1.529E-04	6.402E-09	2.284E-05	1.980E+04
1.634E-01	1.057E-01	1.356E-05	1.446E-04	2.413E-04	1.452E-04	5.331E-09	2.036E-05	2.000E+04
1.591E-01	1.078E-01	1.582E-05	1.394E-04	2.154E-04	1.378E-04	4.438E-09	1.814E-05	2.020E+04
1.549E-01	1.098E-01	1.839E-05	1.342E-04	1.923E-04	1.306E-04	3.695E-09	1.615E-05	2.040E+04
1.507E-01	1.118E-01	2.133E-05	1.291E-04	1.717E-04	1.237E-04	3.075E-09	1.438E-05	2.060E+04
1.466E-01	1.137E-01	2.457E-05	1.241E-04	1.533E-04	1.170E-04	2.559E-09	1.279E-05	2.080E+04
1.425E-01	1.155E-01	2.845E-05	1.191E-04	1.368E-04	1.106E-04	2.179E-09	1.138E-05	2.100E+04
1.386E-01	1.173E-01	3.273E-05	1.142E-04	1.221E-04	1.045E-04	1.771E-09	1.011E-05	2.120E+04
1.347E-01	1.189E-01	3.756E-05	1.094E-04	1.090E-04	9.860E-05	1.472E-09	8.989E-06	2.140E+04
1.308E-01	1.205E-01	4.299E-05	1.046E-04	9.725E-05	9.297E-05	1.224E-09	7.987E-06	2.160E+04
1.271E-01	1.221E-01	4.91E-05	1.000E-04	8.677E-05	8.760E-05	1.017E-09	7.095E-06	2.180E+04
1.234E-01	1.236E-01	5.545E-05	9.555E-05	7.742E-05	8.246E-05	8.447E-10	6.301E-06	2.200E+04
1.199E-01	1.250E-01	6.363E-05	9.118E-05	6.906E-05	7.757E-05	7.014E-10	5.595E-06	2.220E+04
1.164E-01	1.263E-01	7.220E-05	8.643E-05	6.159E-05	7.292E-05	5.822E-10	4.967E-06	2.240E+04
1.129E-01	1.276E-01	8.177E-05	8.282E-05	5.493E-05	6.849E-05	4.830E-10	4.409E-06	2.260E+04
1.096E-01	1.288E-01	9.242E-05	7.883E-05	4.897E-05	6.429E-05	4.007E-10	3.913E-06	2.280E+04
1.064E-01	1.299E-01	1.043E-04	7.498E-05	4.366E-05	6.030E-05	3.322E-10	3.472E-06	2.300E+04
1.032E-01	1.310E-01	1.174E-04	7.127E-05	3.892E-05	5.653E-05	2.754E-10	3.081E-06	2.320E+04
1.001E-01	1.321E-01	1.320E-04	6.769E-05	3.469E-05	5.296E-05	2.282E-10	2.734E-06	2.340E+04
9.710E-02	1.331E-01	1.481E-04	6.426E-05	3.091E-05	4.958E-05	1.890E-10	2.426E-06	2.360E+04
9.417E-02	1.340E-01	1.660E-04	6.095E-05	2.755E-05	4.640E-05	1.566E-10	2.153E-06	2.380E+04
9.133E-02	1.349E-01	1.857E-04	5.779E-05	2.454E-05	4.339E-05	1.296E-10	1.911E-06	2.400E+04
8.858E-02	1.358E-01	2.074E-04	5.475E-05	2.187E-05	4.056E-05	1.073E-10	1.698E-06	2.420E+04
8.597E-02	1.366E-01	2.313E-04	5.185E-05	1.948E-05	3.790E-05	8.883E-11	1.506E-06	2.440E+04
8.329E-02	1.373E-01	2.576E-04	4.908E-05	1.774E-05	3.539E-05	7.351E-11	1.337E-06	2.460E+04
8.077E-02	1.380E-01	2.865E-04	4.643E-05	1.594E-05	3.304E-05	6.083E-11	1.187E-06	2.480E+04
7.832E-02	1.387E-01	3.182E-04	4.391E-05	1.377E-05	3.083E-05	5.033E-11	1.054E-06	2.500E+04



Table II. - Continued.

P/P0 = 3.00E+02

I	E-	Q	Q+	Q++	Q-	Q2	Q2+	Q2-
1.000E+02	0.	0.	0.	0.	0.	4.390E-11	1.760E-10	0.
2.000E+02	0.	4.416E-69	0.	0.	0.	5.280E-11	1.760E-10	0.
3.000E+02	0.	1.971E-47	1.896E-81	0.	0.	5.149E-11	1.760E-10	0.
4.000E+02	0.	1.405E-36	4.811E-64	0.	0.	5.035E-11	1.760E-10	0.
5.000E+02	0.	4.706E-30	1.397E-53	0.	0.	4.879E-11	1.760E-10	0.
6.000E+02	3.822E-94	1.119E-25	1.302E-44	0.	0.	5.149E-11	1.760E-10	0.
7.000E+02	1.441E-81	1.407E-22	1.358E-41	0.	1.931E-91	4.600E-11	1.760E-10	5.892E-83
8.000E+02	2.573E-70	4.245E-20	5.636E-38	0.	3.522E-79	8.484E-11	1.760E-10	1.771E-72
9.000E+02	1.327E-60	1.070E-17	1.246E-35	0.	3.198E-68	1.200E-09	1.760E-10	1.954E-62
1.000E+03	1.164E-52	1.095E-15	7.809E-34	0.	3.279E-59	1.434E-08	1.760E-10	4.452E-54
1.100E+03	3.815E-45	4.857E-14	2.299E-32	0.	7.941E-52	1.137E-07	1.760E-10	3.168E-47
1.200E+03	1.044E-40	1.148E-12	3.668E-31	0.	1.132E-45	6.310E-07	1.760E-10	1.623E-41
1.300E+03	4.218E-36	1.671E-11	4.231E-30	0.	1.821E-40	2.684E-06	1.760E-10	1.095E-36
1.400E+03	3.188E-32	1.660E-10	3.299E-29	0.	5.277E-36	9.267E-06	1.760E-10	1.504E-32
1.500E+03	1.021E-28	1.216E-09	1.961E-28	0.	3.881E-32	2.708E-05	1.760E-10	5.780E-29
1.600E+03	1.034E-25	4.742E-09	9.354E-28	0.	9.367E-29	6.909E-05	1.760E-10	7.891E-26
1.700E+03	4.662E-23	3.231E-08	3.720E-27	0.	9.029E-26	1.577E-04	1.760E-10	4.593E-23
1.800E+03	1.063E-20	1.268E-07	1.288E-26	0.	3.997E-23	3.278E-04	1.783E-10	1.297E-20
1.900E+03	7.071E-19	4.308E-07	7.623E-26	0.	4.786E-21	6.301E-04	3.508E-10	1.037E-18
2.000E+03	8.251E-18	1.295E-06	1.422E-24	0.	9.417E-20	1.133E-03	2.427E-17	1.416E-17
2.100E+03	5.959E-17	3.506E-06	2.588E-23	0.	1.084E-18	1.923E-03	1.794E-16	1.170E-16
2.200E+03	3.507E-16	8.664E-06	3.710E-22	4.431E-87	9.696E-18	3.185E-03	1.136E-15	7.735E-16
2.300E+03	1.769E-15	1.978E-05	4.243E-21	3.533E-83	7.123E-17	4.799E-03	6.145E-15	4.304E-15
2.400E+03	7.807E-15	4.211E-05	3.994E-20	1.339E-79	4.415E-16	7.135E-03	2.889E-14	2.065E-14
2.500E+03	3.066E-14	8.431E-05	3.123E-19	2.633E-76	2.357E-15	1.025E-02	1.199E-13	8.693E-14
2.600E+03	1.086E-13	1.598E-04	2.098E-18	2.897E-73	1.103E-14	1.427E-02	4.452E-13	3.259E-13
2.700E+03	3.508E-13	2.884E-04	1.221E-17	1.901E-70	4.584E-14	1.931E-02	1.497E-12	1.102E-12
2.800E+03	1.044E-12	4.979E-04	6.263E-17	7.863E-68	1.715E-13	2.546E-02	4.603E-12	3.392E-12
2.900E+03	2.885E-12	6.261E-04	2.869E-16	2.149E-65	5.835E-13	3.279E-02	1.305E-11	9.604E-12
3.000E+03	7.458E-12	1.322E-03	1.186E-15	4.042E-63	1.822E-12	4.149E-02	3.440E-11	2.518E-11
3.100E+03	1.815E-11	2.046E-03	4.473E-15	5.436E-61	5.260E-12	5.093E-02	8.478E-11	6.158E-11
3.200E+03	4.182E-11	3.072E-03	1.550E-14	5.377E-59	1.414E-11	6.161E-02	1.965E-10	1.412E-10
3.300E+03	9.162E-11	4.486E-03	4.974E-14	4.030E-57	3.563E-11	7.318E-02	4.308E-10	3.053E-10
3.400E+03	1.917E-10	6.383E-03	1.488E-13	2.344E-55	8.453E-11	8.542E-02	8.967E-10	6.250E-10
3.500E+03	3.847E-10	8.868E-03	4.175E-13	1.081E-53	1.898E-10	9.807E-02	1.779E-09	1.214E-09
3.600E+03	7.424E-10	1.205E-02	1.104E-12	4.033E-52	4.049E-10	1.109E-01	3.379E-09	2.257E-09
3.700E+03	1.382E-09	1.604E-02	2.766E-12	1.238E-50	8.238E-10	1.23 -01	6.158E-09	4.010E-09
3.800E+03	2.488E-09	2.094E-02	6.589E-12	3.175E-49	1.604E-09	1.35E-01	1.081E-08	6.837E-09
3.900E+03	4.344E-09	2.686E-02	1.499E-11	6.900E-48	2.998E-09	1.469E-01	1.831E-08	1.122E-08
4.000E+03	7.367E-09	3.386E-02	3.266E-11	1.287E-46	5.392E-09	1.571E-01	3.003E-08	1.775E-08
4.100E+03	1.216E-08	4.206E-02	6.841E-11	2.08E-45	9.357E-09	1.661E-01	4.777E-08	2.715E-08
4.200E+03	1.957E-08	5.146E-02	1.381E-10	2.957E-44	1.570E-08	1.735E-01	7.387E-08	4.024E-08
4.300E+03	3.076E-08	6.210E-02	2.695E-10	3.716E-43	2.554E-08	1.783E-01	1.113E-07	5.787E-08
4.400E+03	4.729E-08	7.398E-02	5.095E-10	4.170E-42	4.033E-08	1.835E-01	1.635E-07	8.090E-08
4.500E+03	7.119E-08	8.707E-02	9.350E-10	4.209E-41	6.193E-08	1.859E-01	2.348E-07	1.101E-07
4.600E+03	1.051E-07	1.013E-01	1.649E-09	3.350E-40	9.264E-08	1.866E-01	3.300E-07	1.462E-07
4.700E+03	1.522E-07	1.166E-01	2.904E-09	3.212E-39	1.352E-07	1.856E-01	4.546E-07	1.895E-07
4.800E+03	2.167E-07	1.329E-01	4.931E-09	2.458E-38	1.928E-07	1.831E-01	6.144E-07	2.402E-07
4.900E+03	3.034E-07	1.500E-01	8.185E-09	1.734E-37	2.690E-07	1.792E-01	8.158E-07	2.979E-07
5.000E+03	4.183E-07	1.677E-01	1.330E-08	1.134E-36	3.675E-07	1.740E-01	1.065E-06	3.622E-07
5.100E+03	5.683E-07	1.863E-01	2.118E-08	6.903E-36	4.924E-07	1.678E-01	1.368E-06	4.321E-07
5.200E+03	7.614E-07	2.046E-01	3.309E-08	3.927E-35	6.476E-07	1.607E-01	1.731E-06	5.062E-07
5.300E+03	1.007E-06	2.233E-01	5.076E-08	2.095E-34	8.373E-07	1.528E-01	2.159E-06	5.831E-07
5.400E+03	1.316E-06	2.419E-01	7.653E-08	1.052E-33	1.065E-06	1.444E-01	2.656E-06	6.611E-07
5.500E+03	1.700E-06	2.603E-01	1.135E-07	4.983E-33	1.334E-06	1.357E-01	3.224E-06	7.385E-07
5.600E+03	2.174E-06	2.783E-01	1.657E-07	2.234E-32	1.648E-06	1.268E-01	3.865E-06	8.137E-07
5.700E+03	2.753E-06	2.957E-01	2.383E-07	9.502E-32	2.010E-06	1.179E-01	4.576E-06	8.853E-07
5.800E+03	3.455E-06	3.125E-01	3.376E-07	3.842E-31	2.421E-06	1.091E-01	5.356E-06	9.57E-07
5.900E+03	4.302E-06	3.284E-01	4.717E-07	1.480E-30	2.886E-06	1.005E-01	6.198E-06	1.014E-06
6.000E+03	5.317E-06	3.435E-01	6.500E-07	5.438E-30	3.405E-06	9.222E-02	7.095E-06	1.069E-06
6.100E+03	6.589E-06	3.576E-01	8.837E-07	1.910E-29	3.983E-06	8.494E-02	8.038E-06	1.118E-06
6.200E+03	7.971E-06	3.707E-01	1.184E-06	6.421E-29	4.623E-06	7.692E-02	9.015E-06	1.162E-06
6.300E+03	9.682E-06	3.825E-01	1.572E-06	2.049E-28	5.329E-06	6.987E-02	1.001E-05	1.200E-06
6.400E+03	1.171E-05	3.941E-01	2.058E-06	6.402E-28	6.105E-06	6.353E-02	1.102E-05	1.233E-06
6.500E+03	1.410E-05	4.043E-01	2.644E-06	1.904E-27	6.958E-06	5.788E-02	1.202E-05	1.261E-06
6.600E+03	1.692E-05	4.136E-01	3.408E-06	5.449E-27	7.894E-06	5.213E-02	1.300E-05	1.287E-06
6.700E+03	2.024E-05	4.221E-01	4.313E-06	1.504E-26	8.920E-06	4.726E-02	1.396E-05	1.309E-06
6.800E+03	2.414E-05	4.298E-01	5.400E-06	4.005E-26	1.005E-05	4.265E-02	1.487E-05	1.330E-06
6.900E+03	2.873E-05	4.367E-01	6.695E-06	1.031E-25	1.128E-05	3.856E-02	1.573E-05	1.349E-06
7.000E+03	3.410E-05	4.430E-01	8.222E-06	2.569E-25	1.264E-05	3.488E-02	1.654E-05	1.366E-06
7.100E+03	4.039E-05	4.486E-01	1.001E-05	6.207E-25	1.412E-05	3.156E-02	1.729E-05	1.384E-06
7.200E+03	4.774E-05	4.537E-01	1.207E-05	1.455E-24	1.575E-05	2.858E-02	1.798E-05	1.401E-06
7.300E+03	5.632E-05	4.584E-01	1.445E-05	3.317E-24	1.753E-05	2.580E-02	1.860E-05	1.419E-06
7.400E+03	6.630E-05	4.626E-01	1.717E-05	7.359E-24	1.948E-05	2.350E-02	1.915E-05	1.437E-06
7.500E+03	7.791E-05	4.644E-01	2.025E-05	1.591E-23	2.162E-05	2.135E-02	1.964E-05	1.456E-06
7.600E+03	9.138E-05	4.700E-01	2.371E-05	3.394E-23	2.396E-05	1.943E-02	2.008E-05	1.476E-06
7.700E+03	1.070E-04	4.732E-01	2.760E-05	6.909E-23	2.652E-05	1.771E-02	2.045E-05	1.497E-06
7.800E+03	1.250E-04	4.763E-01	3.194E-05	1.391E-22	2.933E-05	1.617E-02	2.07E-05	1.520E-06
7.900E+03	1.458E-04	4.792E-01	3.674E-05	2.742E-22	3.239E-05	1.489E-02	2.104E-05	1.545E-06
8.000E+03	1.698E-04	4.820E-01	4.205E-05	5.296E-22	3.575E-05	1.359E-02	2.127E-05	1.572E-06
8.200E+03	2.291E-04	4.875E-01	5.427E-05	1.884E-21	4.342E-05	1.146E-02	2.161E-05	1.633E-06

Table II. - Continued.

P/P0 = 1.00E+02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.563E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.409E-41	8.725E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	3.034E-29	3.368E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	7.835E-22	7.954E-49	1.000E+00	0.	5.000E+02
1.250E-81	1.229E-82	0.	0.	6.632E-17	1.271E-40	1.000E+00	0.	6.000E+02
9.649E-68	1.183E-69	0.	0.	2.360E-13	1.154E-34	1.000E+00	2.955E-94	7.000E+02
1.268E-57	1.636E-60	0.	0.	7.658E-11	1.198E-30	1.000E+00	1.493E-79	8.000E+02
1.069E-50	2.711E-55	0.	0.	2.393E-09	6.343E-29	1.000E+00	5.199E-70	9.000E+02
2.567E-45	1.937E-51	0.	0.	2.898E-08	7.932E-28	1.000E+00	1.062E-62	1.000E+03
6.387E-41	2.675E-48	0.	1.061E-79	2.274E-07	6.346E-27	1.0E+00	9.809E-57	1.100E+03
2.946E-37	1.111E-45	0.	3.569E-71	1.262E-06	3.584E-26	1.0E+00	9.161E-52	1.200E+03
3.720E-34	1.834E-43	0.	5.851E-64	5.368E-06	1.552E-25	1.000E+00	1.476E-47	1.300E+03
1.697E-31	1.465E-41	0.	8.935E-58	1.854E-05	5.450E-25	1.000E+00	5.954E-44	1.400E+03
3.425E-29	6.554E-40	2.564E-95	2.042E-52	5.416E-05	1.620E-24	9.999E-01	7.942E-41	1.500E+03
3.566E-27	1.828E-38	1.091E-91	9.977E-48	1.382E-04	4.202E-24	9.998E-01	4.310E-38	1.600E+03
2.152E-25	3.457E-37	1.746E-88	1.367E-43	3.154E-04	9.748E-24	9.995E-01	1.115E-35	1.700E+03
8.238E-24	4.789E-36	1.268E-85	6.412E-40	6.557E-04	2.088E-23	9.990E-01	1.557E-33	1.800E+03
2.150E-22	9.802E-35	1.747E-82	6.346E-37	1.261E-03	8.023E-23	9.981E-01	1.292E-31	1.900E+03
4.053E-21	5.596E-33	1.662E-78	8.362E-35	2.267E-03	1.015E-21	9.965E-01	6.892E-30	2.000E+03
5.777E-20	2.798E-31	1.094E-74	5.379E-33	3.849E-03	1.295E-20	9.942E-01	2.517E-28	2.100E+03
6.469E-19	1.009E-29	3.435E-71	2.303E-31	6.219E-03	1.348E-19	9.907E-01	6.625E-27	2.200E+03
5.872E-18	2.682E-28	5.418E-68	7.067E-30	9.618E-03	1.147E-18	9.855E-01	1.311E-25	2.300E+03
4.434E-17	5.435E-27	4.651E-65	1.626E-28	1.421E-02	8.197E-18	9.785E-01	2.022E-24	2.400E+03
2.847E-16	8.675E-26	2.335E-62	2.902E-27	2.058E-02	4.996E-17	9.691E-01	2.503E-23	2.500E+03
1.584E-15	1.121E-24	7.293E-60	4.140E-26	2.869E-02	2.647E-16	9.569E-01	2.548E-22	2.600E+03
7.753E-15	1.196E-23	1.493E-57	4.837E-25	3.891E-02	1.238E-15	9.415E-01	2.181E-21	2.700E+03
3.385E-14	1.083E-22	2.092E-55	4.728E-24	5.143E-02	5.176E-15	9.226E-01	1.598E-20	2.800E+03
1.334E-13	8.394E-22	2.094E-53	3.938E-23	6.540E-02	1.955E-14	9.000E-01	1.017E-19	2.900E+03
4.799E-13	5.705E-21	1.543E-51	2.838E-22	8.391E-02	6.745E-14	8.735E-01	5.709E-19	3.000E+03
1.581E-12	3.419E-20	8.637E-50	1.795E-21	1.039E-01	2.141E-13	8.451E-01	2.857E-18	3.100E+03
4.836E-12	1.832E-19	3.766E-48	1.008E-20	1.253E-01	6.299E-13	8.090E-01	1.288E-17	3.200E+03
1.380E-11	8.868E-19	1.309E-46	5.077E-20	1.508E-01	1.721E-12	7.715E-01	5.281E-17	3.300E+03
3.695E-11	3.912E-18	2.699E-45	2.317E-19	1.772E-01	4.457E-12	7.310E-01	1.984E-16	3.400E+03
9.336E-11	1.586E-17	8.625E-44	9.653E-19	2.050E-01	1.084E-11	6.881E-01	6.886E-16	3.500E+03
2.236E-10	5.948E-17	1.704E-42	3.700E-18	2.338E-01	2.498E-11	6.433E-01	2.221E-15	3.600E+03
5.099E-10	2.078E-16	2.863E-41	1.313E-17	2.629E-01	5.480E-11	5.976E-01	6.695E-15	3.700E+03
1.111E-09	6.758E-16	4.160E-40	4.340E-17	2.921E-01	1.149E-10	5.514E-01	1.897E-14	3.800E+03
2.323E-09	2.095E-15	5.286E-39	1.344E-16	3.206E-01	2.311E-10	5.057E-01	5.079E-14	3.900E+03
4.675E-09	6.109E-15	5.936E-38	3.914E-16	3.481E-01	4.471E-10	4.609E-01	1.290E-13	4.000E+03
9.078E-09	1.693E-14	5.949E-37	1.078E-15	3.742E-01	8.351E-10	4.177E-01	3.123E-13	4.100E+03
1.706E-08	4.477E-14	5.367E-36	2.817E-15	3.985E-01	1.510E-09	3.765E-01	7.229E-13	4.200E+03
3.112E-08	1.134E-13	4.387E-35	7.014E-15	4.208E-01	2.648E-09	3.378E-01	1.607E-12	4.300E+03
5.521E-08	2.760E-13	3.279E-34	1.669E-14	4.409E-01	4.518E-09	3.016E-01	3.440E-12	4.400E+03
9.546E-08	6.475E-13	2.260E-33	3.810E-14	4.588E-01	7.516E-09	2.682E-01	7.116E-12	4.500E+03
1.612E-07	1.468E-12	1.439E-32	8.363E-14	4.744E-01	1.221E-08	2.377E-01	1.426E-11	4.600E+03
2.667E-07	3.227E-12	8.525E-32	1.770E-13	4.878E-01	1.442E-08	2.099E-01	2.777E-11	4.700E+03
4.312E-07	6.890E-12	4.773E-31	3.623E-13	4.991E-01	3.028E-08	1.849E-01	5.267E-11	4.800E+03
6.853E-07	1.432E-11	2.4E-30	7.185E-13	5.084E-01	4.624E-08	1.624E-01	9.752E-11	4.900E+03
1.071E-06	2.904E-11	1.2E-29	1.384E-12	5.157E-01	6.975E-08	1.424E-01	1.766E-10	5.000E+03
1.647E-06	5.753E-11	5.608E-29	2.594E-12	5.215E-01	1.033E-07	1.246E-01	3.135E-10	5.100E+03
2.495E-06	1.115E-10	2.476E-28	4.741E-12	5.259E-01	1.509E-07	1.089E-01	5.463E-10	5.200E+03
3.731E-06	2.119E-10	1.042E-27	8.465E-12	5.289E-01	2.174E-07	9.505E-02	9.362E-10	5.300E+03
5.510E-06	3.962E-10	4.188E-27	1.479E-11	5.307E-01	3.092E-07	8.291E-02	1.580E-09	5.400E+03
8.044E-06	7.261E-10	1.612E-26	2.531E-11	5.317E-01	4.347E-07	7.227E-02	2.630E-09	5.500E+03
1.162E-05	1.309E-09	5.955E-26	4.254E-11	5.319E-01	6.042E-07	6.298E-02	4.321E-09	5.600E+03
1.661E-05	2.321E-05	2.115E-25	7.025E-11	5.315E-01	8.309E-07	5.488E-02	7.017E-09	5.700E+03
2.352E-05	4.053E-09	7.231E-25	1.142E-10	5.306E-01	1.131E-06	4.734E-02	1.127E-08	5.800E+03
3.302E-05	6.972E-09	2.383E-24	1.829E-10	5.293E-01	1.524E-06	4.172E-02	1.791E-08	5.900E+03
4.597E-05	1.182E-08	7.581E-24	2.890E-10	5.278E-01	2.034E-06	3.642E-02	2.819E-08	6.000E+03
6.349E-05	1.976E-08	2.330E-23	4.511E-10	5.262E-01	2.690E-06	3.182E-02	4.397E-08	6.100E+03
8.703E-05	3.257E-08	6.921E-23	6.960E-10	5.244E-01	3.523E-06	2.783E-02	6.797E-08	6.200E+03
1.184E-04	5.296E-08	1.989E-22	1.053E-09	5.226E-01	4.573E-06	2.438E-02	1.042E-07	6.300E+03
1.600E-04	8.493E-08	5.536E-22	1.607E-09	5.208E-01	5.883E-06	2.139E-02	1.583E-07	6.400E+03
2.147E-04	1.344E-07	1.492E-21	2.407E-09	5.191E-01	7.501E-06	1.880E-02	2.387E-07	6.500E+03
2.862E-04	3.099E-07	3.901E-21	5.574E-09	5.173E-01	9.481E-06	1.656E-02	3.570E-07	6.600E+03
3.790E-04	3.275E-07	9.894E-21	5.266E-09	5.157E-01	1.188E-05	1.461E-02	5.295E-07	6.700E+03
4.987E-04	4.922E-07	2.437E-20	7.699E-09	5.141E-01	1.476E-05	1.292E-02	7.792E-07	6.800E+03
6.521E-04	7.396E-07	5.832E-20	1.117E-08	5.126E-01	1.820E-05	1.144E-02	1.137E-06	6.900E+03
8.475E-04	1.098E-06	1.358E-19	1.610E-08	5.111E-01	2.226E-05	1.016E-02	1.647E-06	7.000E+03
1.095E-03	1.610E-06	3.077E-19	2.304E-08	5.096E-01	2.701E-05	9.040E-03	2.366E-06	7.100E+03
1.405E-03	2.333E-06	6.795E-19	3.274E-08	5.081E-01	3.254E-05	8.061E-03	3.372E-06	7.200E+03
1.793E-03	3.343E-06	1.464E-18	4.622E-08	5.065E-01	3.892E-05	7.203E-03	4.767E-06	7.300E+03
2.275E-03	4.737E-06	1.077E-18	6.481E-08	5.050E-01	4.623E-05	6.451E-03	6.684E-06	7.400E+03
2.870E-03	6.640E-06	6.518E-18	9.029E-08	5.034E-01	5.454E-05	5.788E-03	9.297E-06	7.500E+03
3.598E-03	9.208E-06	1.269E-17	1.250E-07	5.016E-01	6.394E-05	5.204E-03	1.282E-05	7.600E+03
4.486E-03	1.264E-05	2.492E-17	1.718E-07	4.996E-01	7.448E-05	4.688E-03	1.754E-05	7.700E+03
5.560E-03	1.717E-05	4.792E-17	2.347E-07	4.974E-01	8.422E-05	4.230E-03	2.380E-05	7.800E+03
6.852E-03	2.310E-05	9.029E-17	3.185E-07	4.949E-01	9.22E-05	3.824E-03	3.201E-05	7.900E+03
8.394E-03	3.078E-05	1.668E-16	4.294E-07	4.921E-01	1.135E-04	3.462E-03	4.267E-05	8.000E+03
1.238E-02	5.308E-05	5.372E-16	7.651E-07	4.852E-01	1.460E-04	2.849E-03	7.383E-05	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	3.067E-04	4.930E-01	6.887E-05	6.113E-21	5.258E-05	9.769E-03	2.184E-05	1.705E-06
8.600E+03	4.080E-04	4.989E-01	8.414E-05	1.882E-20	6.345E-05	8.412E-03	2.202E-05	1.789E-06
8.800E+03	5.379E-04	5.054E-01	1.065E-04	5.475E-20	7.630E-05	7.316E-03	2.219E-05	1.885E-06
9.000E+03	7.028E-04	5.128E-01	1.304E-04	1.516E-19	9.135E-05	6.427E-03	2.240E-05	1.993E-06
9.200E+03	9.090E-04	5.210E-01	1.587E-04	4.024E-19	1.080E-04	5.781E-03	2.270E-05	2.112E-06
9.400E+03	1.163E-03	5.302E-01	1.921E-04	1.029E-18	1.286E-04	5.184E-03	2.312E-05	2.239E-06
9.600E+03	1.471E-03	5.400E-01	2.318E-04	2.546E-18	1.510E-04	4.607E-03	2.367E-05	2.370E-06
9.800E+03	1.838E-03	5.504E-01	2.788E-04	6.120E-18	1.757E-04	4.186E-03	2.437E-05	2.501E-06
1.000E+04	2.270E-03	5.610E-01	3.347E-04	1.433E-17	2.025E-04	3.824E-03	2.520E-05	2.626E-06
1.020E+04	2.771E-03	5.715E-01	4.007E-04	1.233E-17	2.312E-04	3.507E-03	2.616E-05	2.741E-06
1.040E+04	3.344E-03	5.816E-01	4.786E-04	7.316E-17	2.612E-04	3.224E-03	2.723E-05	2.842E-06
1.060E+04	3.993E-03	5.911E-01	5.701E-04	1.598E-16	2.923E-04	2.970E-03	2.840E-05	2.924E-06
1.080E+04	4.722E-03	5.998E-01	6.770E-04	3.415E-16	3.241E-04	2.738E-03	2.944E-05	2.987E-06
1.100E+04	5.533E-03	6.076E-01	8.012E-04	7.148E-16	3.560E-04	2.525E-03	3.094E-05	3.029E-06
1.120E+04	6.430E-03	6.144E-01	9.447E-04	1.465E-15	3.880E-04	2.329E-03	3.229E-05	3.050E-06
1.140E+04	7.415E-03	6.202E-01	1.110E-03	2.944E-15	4.195E-04	2.148E-03	3.347E-05	3.053E-06
1.160E+04	8.491E-03	6.250E-01	1.299E-03	5.799E-15	4.506E-04	1.982E-03	3.507E-05	3.030E-06
1.180E+04	9.663E-03	6.290E-01	1.514E-03	1.120E-14	4.810E-04	1.829E-03	3.649E-05	3.009E-06
1.200E+04	1.093E-02	6.321E-01	1.758E-03	2.124E-14	5.106E-04	1.688E-03	3.792E-05	2.967E-06
1.220E+04	1.231E-02	6.345E-01	2.034E-03	3.955E-14	5.393E-04	1.559E-03	3.936E-05	2.915E-06
1.240E+04	1.379E-02	6.362E-01	2.344E-03	7.234E-14	5.672E-04	1.441E-03	4.080E-05	2.855E-06
1.260E+04	1.538E-02	6.374E-01	2.691E-03	1.301E-13	5.941E-04	1.332E-03	4.225E-05	2.789E-06
1.280E+04	1.708E-02	6.381E-01	3.079E-03	2.300E-13	6.201E-04	1.233E-03	4.370E-05	2.718E-06
1.300E+04	1.890E-02	6.382E-01	3.510E-03	4.003E-13	6.452E-04	1.142E-03	4.517E-05	2.643E-06
1.320E+04	2.084E-02	6.380E-01	3.987E-03	6.861E-13	6.693E-04	1.059E-03	4.660E-05	2.566E-06
1.340E+04	2.290E-02	6.374E-01	4.515E-03	1.159E-12	6.924E-04	9.824E-04	4.804E-05	2.488E-06
1.360E+04	2.510E-02	6.365E-01	5.097E-03	1.929E-12	7.146E-04	9.125E-04	4.948E-05	2.409E-06
1.380E+04	2.742E-02	6.352E-01	5.735E-03	3.167E-12	7.357E-04	8.484E-04	5.090E-05	2.329E-06
1.400E+04	2.987E-02	6.337E-01	6.434E-03	5.132E-12	7.558E-04	7.885E-04	5.232E-05	2.250E-06
1.420E+04	3.246E-02	6.319E-01	7.198E-03	8.211E-12	7.749E-04	7.353E-04	5.372E-05	2.172E-06
1.440E+04	3.519E-02	6.298E-01	8.030E-03	1.298E-11	7.929E-04	6.864E-04	5.511E-05	2.094E-06
1.460E+04	3.805E-02	6.275E-01	8.934E-03	2.027E-11	8.098E-04	6.394E-04	5.648E-05	2.017E-06
1.480E+04	4.105E-02	6.250E-01	9.914E-03	3.131E-11	8.256E-04	5.970E-04	5.783E-05	1.941E-06
1.500E+04	4.419E-02	6.222E-01	1.097E-02	4.784E-11	8.403E-04	5.577E-04	5.915E-05	1.867E-06
1.520E+04	4.748E-02	6.192E-01	1.212E-02	7.233E-11	8.538E-04	5.213E-04	6.044E-05	1.793E-06
1.540E+04	5.090E-02	6.159E-01	1.335E-02	1.082E-10	8.662E-04	4.876E-04	6.170E-05	1.722E-06
1.560E+04	5.447E-02	6.125E-01	1.467E-02	1.604E-10	8.774E-04	4.563E-04	6.293E-05	1.651E-06
1.580E+04	5.817E-02	6.088E-01	1.608E-02	2.356E-10	8.873E-04	4.272E-04	6.411E-05	1.583E-06
1.600E+04	6.201E-02	6.049E-01	1.760E-02	3.420E-10	8.961E-04	4.081E-04	6.525E-05	1.515E-06
1.620E+04	6.600E-02	6.008E-01	1.921E-02	4.945E-10	9.036E-04	3.749E-04	6.634E-05	1.450E-06
1.640E+04	7.012E-02	5.965E-01	2.093E-02	7.072E-10	9.099E-04	3.513E-04	6.738E-05	1.386E-06
1.660E+04	7.437E-02	5.920E-01	2.276E-02	1.003E-09	9.149E-04	3.293E-04	6.837E-05	1.323E-06
1.680E+04	7.876E-02	5.872E-01	2.469E-02	1.412E-09	9.187E-04	3.087E-04	6.929E-05	1.263E-06
1.700E+04	8.327E-02	5.823E-01	2.675E-02	1.973E-09	9.213E-04	2.894E-04	7.015E-05	1.203E-06
1.720E+04	8.792E-02	5.771E-01	2.891E-02	2.735E-09	9.226E-04	2.713E-04	7.094E-05	1.146E-06
1.740E+04	9.268E-02	5.717E-01	3.119E-02	3.766E-09	9.228E-04	2.543E-04	7.166E-05	1.090E-06
1.760E+04	9.757E-02	5.661E-01	3.360E-02	5.149E-09	9.217E-04	2.384E-04	7.230E-05	1.036E-06
1.780E+04	1.026E-01	5.603E-01	3.612E-02	6.993E-09	9.194E-04	2.235E-04	7.287E-05	9.830E-07
1.800E+04	1.077E-01	5.543E-01	3.877E-02	9.435E-09	9.159E-04	2.094E-04	7.335E-05	9.321E-07
1.820E+04	1.129E-01	5.482E-01	4.153E-02	1.265E-08	9.113E-04	1.962E-04	7.375E-05	8.828E-07
1.840E+04	1.183E-01	5.418E-01	4.442E-02	1.686E-08	9.055E-04	1.830E-04	7.405E-05	8.352E-07
1.860E+04	1.237E-01	5.352E-01	4.743E-02	2.233E-08	8.987E-04	1.720E-04	7.427E-05	7.892E-07
1.880E+04	1.292E-01	5.284E-01	5.057E-02	2.941E-08	8.908E-04	1.610E-04	7.440E-05	7.449E-07
1.900E+04	1.348E-01	5.215E-01	5.382E-02	3.853E-08	8.818E-04	1.506E-04	7.443E-05	7.022E-07
1.920E+04	1.405E-01	5.144E-01	5.719E-02	5.018E-08	8.719E-04	1.408E-04	7.436E-05	6.612E-07
1.940E+04	1.463E-01	5.071E-01	6.068E-02	6.502E-08	8.610E-04	1.324E-04	7.420E-05	6.218E-07
1.960E+04	1.522E-01	4.996E-01	6.428E-02	8.381E-08	8.493E-04	1.230E-04	7.394E-05	5.840E-07
1.980E+04	1.581E-01	4.920E-01	6.800E-02	1.075E-07	8.366E-04	1.148E-04	7.359E-05	5.478E-07
2.000E+04	1.641E-01	4.842E-01	7.182E-02	1.372E-07	8.232E-04	1.071E-04	7.314E-05	5.131E-07
2.020E+04	1.701E-01	4.763E-01	7.574E-02	1.743E-07	8.090E-04	9.983E-05	7.259E-05	4.800E-07
2.040E+04	1.762E-01	4.683E-01	7.976E-02	2.203E-07	7.940E-04	9.381E-05	7.195E-05	4.485E-07
2.060E+04	1.823E-01	4.601E-01	8.388E-02	2.773E-07	7.785E-04	8.659E-05	7.122E-05	4.185E-07
2.080E+04	1.885E-01	4.518E-01	8.809E-02	3.476E-07	7.623E-04	8.056E-05	7.041E-05	3.899E-07
2.100E+04	1.947E-01	4.434E-01	9.238E-02	4.337E-07	7.456E-04	7.489E-05	6.950E-05	3.628E-07
2.120E+04	2.009E-01	4.350E-01	9.674E-02	5.389E-07	7.284E-04	6.956E-05	6.852E-05	3.371E-07
2.140E+04	2.071E-01	4.264E-01	1.012E-01	6.669E-07	7.107E-04	6.456E-05	6.745E-05	3.128E-07
2.160E+04	2.134E-01	4.178E-01	1.057E-01	8.220E-07	6.927E-04	5.987E-05	6.632E-05	2.899E-07
2.180E+04	2.196E-01	4.091E-01	1.102E-01	1.009E-06	6.744E-04	5.568E-05	6.511E-05	2.682E-07
2.200E+04	2.258E-01	4.004E-01	1.148E-01	1.235E-06	6.558E-04	5.184E-05	6.384E-05	2.479E-07
2.220E+04	2.321E-01	3.916E-01	1.195E-01	1.505E-06	6.370E-04	4.791E-05	6.251E-05	2.287E-07
2.240E+04	2.383E-01	3.828E-01	1.242E-01	1.828E-06	6.181E-04	4.381E-05	6.112E-05	2.108E-07
2.260E+04	2.444E-01	3.740E-01	1.289E-01	2.212E-06	5.990E-04	4.055E-05	5.969E-05	1.940E-07
2.280E+04	2.506E-01	3.652E-01	1.336E-01	2.648E-06	5.800E-04	3.741E-05	5.821E-05	1.783E-07
2.300E+04	2.567E-01	3.564E-01	1.384E-01	3.207E-06	5.609E-04	3.448E-05	5.670E-05	1.636E-07
2.320E+04	2.627E-01	3.477E-01	1.431E-01	3.842E-06	5.419E-04	3.176E-05	5.515E-05	1.500E-07
2.340E+04	2.687E-01	3.390E-01	1.479E-01	4.589E-06	5.230E-04	2.923E-05	5.358E-05	1.373E-07
2.360E+04	2.747E-01	3.303E-01	1.526E-01	5.464E-06	5.042E-04	2.687E-05	5.199E-05	1.255E-07
2.380E+04	2.806E-01	3.217E-01	1.573E-01	6.487E-06	4.856E-04	2.469E-05	5.039E-05	1.145E-07
2.400E+04	2.864E-01	3.131E-01	1.620E-01	7.678E-06	4.672E-04	2.266E-05	4.877E-05	1.044E-07
2.420E+04	2.921E-01	3.046E-01	1.667E-01	9.062E-06	4.492E-04	2.089E-05	4.716E-05	9.512E-08
2.440E+04	2.978E-01	2.963E-01	1.713E-01	1.067E-05	4.314E-04	1.935E-05	4.554E-05	8.652E-08
2.460E+04	3.034E-01	2.880E-01	1.759E-01	1.232E-05	4.139E-04	1.784E-05	4.393E-05	7.861E-08
2.480E+04	3.089E-01	2.798E-01	1.804E-01	1.466E-05	3.968E-04	1.586E-05	4.233E-05	7.134E-08
2.500E+04	3.143E-01	2.718E-01	1.849E-01	1.711E-05	3.800E-04	1.460E-05	4.074E-05	6.467E-08

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.782E-02	8.820E-05	1.409E-15	1.326E-06	4.762E-01	1.836E-04	2.355E-03	1.231E-04	8.400E+03
2.504E-02	1.413E-04	4.502E-15	2.233E-06	4.646E-01	2.260E-04	1.952E-03	1.971E-04	8.600E+03
3.428E-02	2.187E-04	1.182E-14	3.648E-06	4.498E-01	2.723E-04	1.621E-03	3.029E-04	8.800E+03
4.574E-02	3.274E-04	2.926E-14	5.770E-06	4.317E-01	3.217E-04	1.345E-03	4.455E-04	9.000E+03
5.944E-02	4.745E-04	6.862E-14	8.825E-06	4.100E-01	3.727E-04	1.114E-03	6.264E-04	9.200E+03
7.522E-02	6.675E-04	1.532E-13	1.304E-05	3.851E-01	4.241E-04	9.198E-04	8.416E-04	9.400E+03
9.275E-02	9.129E-04	3.268E-13	1.860E-05	3.575E-01	4.744E-04	7.555E-04	1.081E-03	9.600E+03
1.116E-01	1.217E-03	6.697E-13	2.563E-05	3.278E-01	5.221E-04	6.167E-04	1.330E-03	9.800E+03
1.310E-01	1.583E-03	1.322E-12	3.418E-05	2.970E-01	5.661E-04	5.000E-04	1.570E-03	1.000E+04
1.506E-01	2.015E-03	2.523E-12	4.416E-05	2.661E-01	6.053E-04	4.023E-04	1.784E-03	1.020E+04
1.697E-01	2.519E-03	4.678E-12	5.542E-05	2.358E-01	6.389E-04	3.217E-04	1.959E-03	1.040E+04
1.878E-01	3.091E-03	8.424E-12	6.774E-05	2.070E-01	6.666E-04	2.553E-04	2.085E-03	1.060E+04
2.046E-01	3.735E-03	1.479E-11	8.083E-05	1.803E-01	6.883E-04	2.015E-04	2.162E-03	1.080E+04
2.197E-01	4.451E-03	2.537E-11	9.441E-05	1.554E-01	7.041E-04	1.582E-04	2.189E-03	1.100E+04
2.332E-01	5.239E-03	4.255E-11	1.082E-04	1.340E-01	7.144E-04	1.237E-04	2.172E-03	1.120E+04
2.449E-01	6.096E-03	6.996E-11	1.220E-04	1.147E-01	7.199E-04	9.646E-05	2.119E-03	1.140E+04
2.548E-01	7.026E-03	1.129E-10	1.356E-04	9.791E-02	7.210E-04	7.510E-05	2.039E-03	1.160E+04
2.632E-01	8.027E-03	1.789E-10	1.489E-04	8.341E-02	7.185E-04	5.844E-05	1.939E-03	1.180E+04
2.701E-01	9.100E-03	2.789E-10	1.617E-04	7.099E-02	7.129E-04	4.550E-05	1.826E-03	1.200E+04
2.757E-01	1.024E-02	4.282E-10	1.739E-04	6.041E-02	7.050E-04	3.546E-05	1.707E-03	1.220E+04
2.802E-01	1.145E-02	5.480E-10	1.856E-04	5.144E-02	6.951E-04	2.769E-05	1.585E-03	1.240E+04
2.836E-01	1.275E-02	9.673E-10	1.967E-04	4.385E-02	6.837E-04	2.167E-05	1.466E-03	1.260E+04
2.861E-01	1.411E-02	1.425E-09	2.071E-04	3.744E-02	6.712E-04	1.701E-05	1.349E-03	1.280E+04
2.878E-01	1.555E-02	2.075E-09	2.169E-04	3.203E-02	6.578E-04	1.340E-05	1.239E-03	1.300E+04
2.888E-01	1.706E-02	2.985E-09	2.260E-04	2.746E-02	6.439E-04	1.059E-05	1.134E-03	1.320E+04
2.893E-01	1.864E-02	4.248E-09	2.345E-04	2.359E-02	6.295E-04	8.393E-06	1.037E-03	1.340E+04
2.892E-01	2.030E-02	5.983E-09	2.423E-04	2.032E-02	6.148E-04	6.677E-06	9.463E-04	1.360E+04
2.887E-01	2.202E-02	8.342E-09	2.496E-04	1.755E-02	6.000E-04	5.332E-06	8.627E-04	1.380E+04
2.878E-01	2.382E-02	1.152E-08	2.561E-04	1.519E-02	5.852E-04	4.272E-06	7.657E-04	1.400E+04
2.865E-01	2.568E-02	1.577E-08	2.621E-04	1.318E-02	5.703E-04	3.435E-06	7.151E-04	1.420E+04
2.849E-01	2.761E-02	2.139E-08	2.674E-04	1.146E-02	5.546E-04	2.771E-06	6.505E-04	1.440E+04
2.830E-01	2.960E-02	2.879E-08	2.721E-04	9.995E-03	5.406E-04	2.242E-06	5.914E-04	1.460E+04
2.809E-01	3.166E-02	3.842E-08	2.761E-04	8.736E-03	5.260E-04	1.820E-06	5.375E-04	1.480E+04
2.785E-01	3.377E-02	5.090E-08	2.796E-04	7.552E-03	5.114E-04	1.482E-06	4.883E-04	1.500E+04
2.759E-01	3.594E-02	6.693E-08	2.824E-04	6.711E-03	4.970E-04	1.210E-06	4.435E-04	1.520E+04
2.732E-01	3.816E-02	8.739E-08	2.847E-04	5.908E-03	4.827E-04	9.911E-07	4.026E-04	1.540E+04
2.702E-01	4.043E-02	1.133E-07	2.863E-04	5.207E-03	4.686E-04	8.135E-07	3.654E-04	1.560E+04
2.672E-01	4.274E-02	1.460E-07	2.874E-04	4.598E-03	4.546E-04	6.694E-07	3.315E-04	1.580E+04
2.639E-01	4.510E-02	1.870E-07	2.878E-04	4.067E-03	4.408E-04	5.521E-07	3.007E-04	1.600E+04
2.606E-01	4.748E-02	2.379E-07	2.872E-04	3.603E-03	4.272E-04	4.363E-07	2.727E-04	1.620E+04
2.571E-01	4.990E-02	3.010E-07	2.872E-04	3.197E-03	4.137E-04	3.779E-07	2.471E-04	1.640E+04
2.535E-01	5.234E-02	3.787E-07	2.860E-04	2.841E-03	4.004E-04	3.135E-07	2.239E-04	1.660E+04
2.498E-01	5.481E-02	4.738E-07	2.844E-04	2.528E-03	3.873E-04	2.605E-07	2.028E-04	1.680E+04
2.461E-01	5.729E-02	5.897E-07	2.823E-04	2.252E-03	3.743E-04	2.169E-07	1.826E-04	1.700E+04
2.422E-01	5.977E-02	7.302E-07	2.797E-04	2.009E-03	3.616E-04	1.808E-07	1.661E-04	1.720E+04
2.383E-01	6.227E-02	8.997E-07	2.767E-04	1.794E-03	3.490E-04	1.509E-07	1.503E-04	1.740E+04
2.344E-01	6.475E-02	1.103E-06	2.733E-04	1.603E-03	3.366E-04	1.261E-07	1.359E-04	1.760E+04
2.303E-01	6.725E-02	1.347E-06	2.695E-04	1.434E-03	3.244E-04	1.055E-07	1.228E-04	1.780E+04
2.263E-01	6.973E-02	1.637E-06	2.653E-04	1.284E-03	3.124E-04	8.840E-08	1.109E-04	1.800E+04
2.222E-01	7.219E-02	1.981E-06	2.609E-04	1.151E-03	3.007E-04	7.411E-08	1.002E-04	1.820E+04
2.181E-01	7.463E-02	2.387E-06	2.561E-04	1.032E-03	2.891E-04	6.218E-08	9.039E-05	1.840E+04
2.139E-01	7.705E-02	2.865E-06	2.510E-04	9.259E-04	2.778E-04	5.221E-08	8.153E-05	1.860E+04
2.098E-01	7.945E-02	3.425E-06	2.457E-04	8.312E-04	2.667E-04	4.387E-08	7.351E-05	1.880E+04
2.056E-01	8.181E-02	4.080E-06	2.402E-04	7.466E-04	2.559E-04	3.688E-08	6.625E-05	1.900E+04
2.015E-01	8.413E-02	4.841E-06	2.345E-04	6.709E-04	2.452E-04	3.102E-08	5.968E-05	1.920E+04
1.973E-01	8.642E-02	5.725E-06	2.287E-04	6.031E-04	2.349E-04	2.610E-08	5.373E-05	1.940E+04
1.932E-01	8.866E-02	6.747E-06	2.227E-04	5.423E-04	2.248E-04	2.197E-08	4.836E-05	1.960E+04
1.891E-01	9.084E-02	7.925E-06	2.166E-04	4.878E-04	2.149E-04	1.850E-08	4.350E-05	1.980E+04
1.850E-01	9.301E-02	9.280E-06	2.104E-04	4.389E-04	2.053E-04	1.558E-08	3.912E-05	2.000E+04
1.809E-01	9.511E-02	1.083E-05	2.041E-04	3.950E-04	1.960E-04	1.312E-08	3.518E-05	2.020E+04
1.769E-01	9.716E-02	1.261E-05	1.979E-04	3.555E-04	1.870E-04	1.105E-08	3.159E-05	2.040E+04
1.729E-01	9.915E-02	1.463E-05	1.915E-04	3.200E-04	1.782E-04	9.313E-09	2.827E-05	2.060E+04
1.689E-01	1.011E-01	1.693E-05	1.852E-04	2.881E-04	1.697E-04	7.846E-09	2.547E-05	2.080E+04
1.650E-01	1.030E-01	1.953E-05	1.790E-04	2.593E-04	1.615E-04	6.610E-09	2.286E-05	2.100E+04
1.611E-01	1.048E-01	2.248E-05	1.727E-04	2.335E-04	1.536E-04	5.568E-09	2.051E-05	2.120E+04
1.573E-01	1.066E-01	2.581E-05	1.665E-04	2.102E-04	1.459E-04	4.690E-09	1.840E-05	2.140E+04
1.535E-01	1.083E-01	2.957E-05	1.604E-04	1.893E-04	1.385E-04	3.950E-09	1.649E-05	2.160E+04
1.498E-01	1.099E-01	3.378E-05	1.543E-04	1.704E-04	1.314E-04	3.326E-09	1.479E-05	2.180E+04
1.462E-01	1.115E-01	3.851E-05	1.484E-04	1.534E-04	1.246E-04	2.801E-09	1.325E-05	2.200E+04
1.426E-01	1.131E-01	4.380E-05	1.425E-04	1.381E-04	1.180E-04	2.358E-09	1.187E-05	2.220E+04
1.390E-01	1.145E-01	4.972E-05	1.368E-04	1.243E-04	1.117E-04	1.984E-09	1.064E-05	2.240E+04
1.355E-01	1.160E-01	5.632E-05	1.312E-04	1.119E-04	1.057E-04	1.670E-09	9.526E-06	2.260E+04
1.321E-01	1.174E-01	6.365E-05	1.257E-04	1.007E-04	9.990E-05	1.403E-09	8.530E-06	2.280E+04
1.288E-01	1.187E-01	7.183E-05	1.204E-04	9.060E-05	9.438E-05	1.181E-09	7.638E-06	2.300E+04
1.255E-01	1.200E-01	8.089E-05	1.152E-04	8.152E-05	8.911E-05	9.934E-10	6.83E-06	2.320E+04
1.223E-01	1.212E-01	9.093E-05	1.101E-04	7.335E-05	8.408E-05	8.351E-10	6.122E-06	2.340E+04
1.191E-01	1.223E-01	1.020E-04	1.052E-04	6.598E-05	7.929E-05	7.019E-10	5.480E-06	2.360E+04
1.161E-01	1.235E-01	1.143E-04	1.005E-04	5.935E-05	7.473E-05	5.898E-10	4.905E-06	2.380E+04
1.130E-01	1.245E-01	1.278E-04	9.588E-05	5.338E-05	7.039E-05	4.955E-10	4.391E-06	2.400E+04
1.101E-01	1.256E-01	1.428E-04	9.144E-05	4.801E-05	6.627E-05	4.162E-10	3.930E-06	2.420E+04
1.072E-01	1.266E-01	1.592E-04	8.715E-05	4.318E-05	6.236E-05	3.495E-10	3.518E-06	2.440E+04
1.044E-01	1.275E-01	1.772E-04	8.302E-05	3.882E-05	5.866E-05	2.935E-10	3.150E-06	2.460E+04
1.016E-01	1.284E-01	1.970E-04	7.904E-05	3.491E-05	5.514E-05	2.464E-10	2.820E-06	2.480E+04
9.895E-02	1.293E-01	2.187E-04	7.522E-05	3.139E-05	5.182E-05	2.068E-10	2.525E-06	2.500E+04

Table II. - Continued.

P/P0 = 4.00E+02

T	E-	0	0+	0++	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.360E-11	1.760E-18	0.
2.000E+02	0.	3.703E-69	0.	0.	0.	4.883E-11	1.760E-18	0.
3.000E+02	0.	1.643E-47	1.706E-81	0.	0.	4.771E-11	1.760E-18	0.
4.000E+02	0.	1.240E-36	4.086E-64	0.	0.	5.284E-11	1.760E-18	0.
5.000E+02	0.	4.113E-30	1.199E-53	0.	0.	4.970E-11	1.760E-18	0.
6.000E+02	0.	9.767E-26	1.119E-46	0.	0.	5.228E-11	1.760E-18	4.126E-96
7.000E+02	1.050E-81	1.201E-22	1.193E-41	0.	1.601E-91	4.469E-11	1.760E-18	5.559E-83
8.000E+02	1.850E-70	3.599E-20	4.985E-38	0.	2.862E-79	8.104E-11	1.760E-18	1.628E-72
9.000E+02	9.063E-61	8.907E-18	1.130E-35	0.	2.408E-68	1.003E-09	1.760E-18	1.621E-62
1.000E+03	7.935E-53	9.038E-16	7.094E-34	0.	2.460E-59	1.321E-08	1.760E-18	3.678E-54
1.100E+03	2.599E-46	4.010E-14	2.089E-32	0.	5.956E-52	1.033E-07	1.760E-18	2.615E-47
1.200E+03	7.112E-41	9.479E-13	3.514E-31	0.	8.486E-46	5.733E-07	1.760E-18	1.339E-41
1.300E+03	2.874E-36	1.379E-11	3.844E-30	0.	1.365E-40	2.439E-06	1.760E-18	9.042E-37
1.400E+03	2.581E-32	1.371E-10	2.997E-29	0.	3.957E-36	8.420E-06	1.760E-18	1.242E-32
1.500E+03	6.955E-29	1.003E-09	1.782E-28	0.	2.911E-32	2.460E-05	1.760E-18	4.771E-29
1.600E+03	7.044E-26	5.730E-09	8.499E-28	0.	7.025E-29	6.277E-05	1.760E-18	6.514E-26
1.700E+03	3.184E-23	2.667E-08	3.380E-27	0.	6.772E-26	1.482E-04	1.760E-18	3.792E-23
1.800E+03	7.269E-21	1.047E-07	1.167E-26	0.	3.008E-23	2.978E-04	1.778E-18	1.074E-20
1.900E+03	5.249E-19	3.557E-07	6.357E-26	0.	3.910E-21	5.725E-04	3.221E-18	9.324E-19
2.000E+03	6.365E-18	1.069E-06	1.142E-24	0.	7.996E-20	1.029E-03	2.144E-17	1.324E-17
2.100E+03	4.601E-17	2.895E-06	2.074E-23	0.	9.218E-19	1.748E-03	1.583E-16	1.096E-16
2.200E+03	2.705E-16	7.154E-06	2.972E-22	3.459E-87	8.235E-18	2.823E-03	1.004E-15	7.234E-16
2.300E+03	1.362E-15	1.634E-05	3.429E-21	2.767E-83	6.041E-17	4.365E-03	5.443E-15	4.020E-15
2.400E+03	6.004E-15	3.479E-05	3.218E-20	1.052E-79	3.740E-16	6.492E-03	2.564E-14	1.927E-14
2.500E+03	2.355E-14	6.967E-05	2.527E-19	2.074E-76	1.995E-15	9.331E-03	1.066E-13	8.107E-14
2.600E+03	8.336E-14	1.321E-04	1.695E-18	2.286E-73	9.330E-15	1.300E-02	3.964E-13	3.040E-13
2.700E+03	2.692E-13	2.385E-04	9.872E-18	1.503E-70	3.879E-14	1.762E-02	1.335E-12	1.020E-12
2.800E+03	8.007E-13	4.122E-04	5.069E-17	6.222E-68	1.452E-13	2.326E-02	4.111E-12	3.170E-12
2.900E+03	2.213E-12	6.844E-04	2.324E-16	1.702E-65	4.944E-13	3.080E-02	1.168E-11	8.988E-12
3.000E+03	5.722E-12	1.095E-03	9.618E-16	3.205E-63	1.545E-12	3.786E-02	3.083E-11	2.362E-11
3.100E+03	1.393E-11	1.699E-03	3.628E-15	4.307E-61	4.469E-12	4.681E-02	7.613E-11	5.793E-11
3.200E+03	3.212E-11	2.554E-03	1.258E-14	4.263E-59	1.204E-11	5.678E-02	1.769E-10	1.333E-10
3.300E+03	7.043E-11	3.735E-03	4.041E-14	3.194E-57	3.041E-11	6.765E-02	3.886E-10	2.893E-10
3.400E+03	1.476E-10	5.324E-03	1.210E-13	1.857E-55	7.236E-11	7.925E-02	8.108E-10	5.950E-10
3.500E+03	2.964E-10	7.412E-03	3.396E-13	8.562E-54	1.630E-10	9.135E-02	1.613E-09	1.164E-09
3.600E+03	5.730E-10	1.009E-02	8.988E-13	3.191E-52	3.490E-10	1.037E-01	3.072E-09	2.173E-09
3.700E+03	1.069E-09	1.347E-02	2.253E-12	9.765E-51	7.131E-10	1.161E-01	5.616E-09	3.886E-09
3.800E+03	1.928E-09	1.763E-02	5.370E-12	2.895E-49	1.395E-09	1.281E-01	9.887E-09	6.674E-09
3.900E+03	3.373E-09	2.268E-02	1.222E-11	5.434E-48	2.620E-09	1.306E-01	1.681E-08	1.104E-08
4.000E+03	5.735E-09	2.869E-02	2.664E-11	1.011E-46	4.739E-09	1.502E-01	2.766E-08	1.762E-08
4.100E+03	9.494E-09	3.574E-02	5.582E-11	1.633E-45	8.275E-09	1.508E-01	4.415E-08	2.720E-08
4.200E+03	1.533E-08	4.386E-02	1.127E-10	2.311E-44	1.398E-08	1.681E-01	6.852E-08	4.070E-08
4.300E+03	2.418E-08	5.312E-02	2.200E-10	2.895E-43	2.289E-08	1.749E-01	1.036E-07	5.915E-08
4.400E+03	3.730E-08	6.351E-02	4.159E-10	3.237E-42	3.641E-08	1.803E-01	1.528E-07	8.361E-08
4.500E+03	5.637E-08	7.504E-02	7.632E-10	3.254E-41	5.635E-08	1.841E-01	2.202E-07	1.151E-07
4.600E+03	8.355E-08	8.766E-02	1.362E-09	2.964E-40	8.499E-08	1.862E-01	3.107E-07	1.547E-07
4.700E+03	1.216E-07	1.013E-01	2.369E-09	2.461E-39	1.251E-07	1.868E-01	4.297E-07	2.031E-07
4.800E+03	1.739E-07	1.160E-01	4.022E-09	1.874E-38	1.800E-07	1.869E-01	5.831E-07	2.609E-07
4.900E+03	2.447E-07	1.315E-01	6.674E-09	1.315E-37	2.535E-07	1.836E-01	7.774E-07	3.282E-07
5.000E+03	3.390E-07	1.477E-01	1.084E-08	8.554E-37	3.497E-07	1.800E-01	1.019E-06	4.048E-07
5.100E+03	4.630E-07	1.646E-01	1.725E-08	5.177E-36	4.733E-07	1.752E-01	1.315E-06	4.901E-07
5.200E+03	6.236E-07	1.819E-01	2.694E-08	2.928E-35	6.290E-07	1.694E-01	1.672E-06	5.830E-07
5.300E+03	8.293E-07	1.996E-01	4.132E-08	1.553E-34	8.217E-07	1.628E-01	2.095E-06	6.821E-07
5.400E+03	1.089E-06	2.174E-01	6.230E-08	7.754E-34	1.056E-06	1.555E-01	2.590E-06	7.856E-07
5.500E+03	1.415E-06	2.351E-01	9.240E-08	3.655E-33	1.337E-06	1.476E-01	3.161E-06	8.916E-07
5.600E+03	1.819E-06	2.527E-01	1.349E-07	1.630E-32	1.670E-06	1.394E-01	3.809E-06	9.982E-07
5.700E+03	2.315E-06	2.700E-01	1.941E-07	6.903E-32	2.057E-06	1.310E-01	4.537E-06	1.103E-06
5.800E+03	2.919E-06	2.868E-01	2.752E-07	2.780E-31	2.503E-06	1.225E-01	5.342E-06	1.205E-06
5.900E+03	3.650E-06	3.031E-01	3.848E-07	1.067E-30	3.012E-06	1.141E-01	6.222E-06	1.302E-06
6.000E+03	4.528E-06	3.186E-01	5.310E-07	3.912E-30	3.587E-06	1.058E-01	7.170E-06	1.393E-06
6.100E+03	5.579E-06	3.334E-01	7.233E-07	1.372E-29	4.232E-06	9.779E-02	8.179E-06	1.477E-06
6.200E+03	6.831E-06	3.474E-01	9.729E-07	4.609E-29	4.950E-06	9.007E-02	9.238E-06	1.554E-06
6.300E+03	8.315E-06	3.605E-01	1.293E-06	1.486E-28	5.746E-06	8.272E-02	1.034E-05	1.624E-06
6.400E+03	1.007E-05	3.728E-01	1.698E-06	4.604E-28	6.623E-06	7.579E-02	1.146E-05	1.687E-06
6.500E+03	1.214E-05	3.841E-01	2.204E-06	1.372E-27	7.589E-06	6.930E-02	1.260E-05	1.743E-06
6.600E+03	1.457E-05	3.948E-01	2.830E-06	3.941E-27	8.649E-06	6.326E-02	1.374E-05	1.793E-06
6.700E+03	1.743E-05	4.042E-01	3.596E-06	1.092E-26	9.811E-06	5.767E-02	1.486E-05	1.839E-06
6.800E+03	2.079E-05	4.130E-01	4.522E-06	2.921E-26	1.108E-05	5.252E-02	1.595E-05	1.880E-06
6.900E+03	2.471E-05	4.211E-01	5.630E-06	7.559E-26	1.248E-05	4.781E-02	1.701E-05	1.917E-06
7.000E+03	2.929E-05	4.284E-01	6.943E-06	1.894E-25	1.400E-05	4.350E-02	1.802E-05	1.952E-06
7.100E+03	3.464E-05	4.351E-01	8.487E-06	4.603E-25	1.566E-05	3.958E-02	1.896E-05	1.985E-06
7.200E+03	4.087E-05	4.412E-01	1.029E-05	1.086E-24	1.748E-05	3.602E-02	1.985E-05	2.016E-06
7.300E+03	4.812E-05	4.467E-01	1.236E-05	2.491E-24	1.946E-05	3.280E-02	2.067E-05	2.047E-06
7.400E+03	5.653E-05	4.517E-01	1.475E-05	5.561E-24	2.163E-05	2.989E-02	2.142E-05	2.077E-06
7.500E+03	6.628E-05	4.563E-01	1.746E-05	1.210E-23	2.399E-05	2.725E-02	2.210E-05	2.107E-06
7.600E+03	7.755E-05	4.605E-01	2.054E-05	2.767E-23	2.657E-05	2.488E-02	2.272E-05	2.138E-06
7.700E+03	9.058E-05	4.644E-01	2.399E-05	5.320E-23	2.939E-05	2.274E-02	2.326E-05	2.171E-06
7.800E+03	1.056E-04	4.680E-01	2.786E-05	1.078E-22	3.245E-05	2.081E-02	2.374E-05	2.204E-06
7.900E+03	1.229E-04	4.714E-01	3.217E-05	2.138E-22	3.579E-05	1.988E-02	2.417E-05	2.239E-06
8.000E+03	1.427E-04	4.745E-01	3.695E-05	4.153E-22	3.943E-05	1.751E-02	2.453E-05	2.277E-06
8.200E+03	1.915E-04	4.805E-01	4.800E-05	1.479E-21	4.770E-05	1.484E-02	2.512E-05	2.358E-06



Table II. - Continued.

P/PO = 4.00E+02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	3.164E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.267E-41	8.471E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.577E-29	2.752E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	6.726E-22	6.707E-49	1.000E+00	0.	5.000E+02
9.235E-82	8.942E-83	0.	0.	5.700E-17	1.076E-40	1.000E+00	0.	6.000E+02
7.449E-58	9.395E-70	0.	0.	2.073E-13	1.044E-34	1.000E+00	2.348E-94	7.000E+02
9.922E-58	1.335E-60	0.	0.	6.774E-11	1.105E-30	1.000E+00	1.216E-79	8.000E+02
8.806E-51	2.451E-35	0.	0.	2.090E-09	6.020E-29	1.000E+00	4.700E-70	9.000E+02
2.119E-45	1.758E-51	0.	4.667E-90	2.632E-08	7.918E-28	1.000E+00	9.643E-63	1.000E+03
5.273E-41	2.430E-48	0.	7.960E-80	2.056E-07	6.345E-27	1.000E+00	8.917E-57	1.100E+03
2.422E-37	3.141E-37	0.	2.176E-71	1.146E-06	3.584E-26	1.000E+00	8.339E-52	1.200E+03
3.071E-34	1.666E-43	0.	4.383E-64	4.877E-05	1.532E-25	1.000E+00	1.341E-47	1.300E+03
1.430E-31	1.332E-41	0.	6.701E-58	1.684E-05	5.450E-25	1.000E+00	5.410E-44	1.400E+03
2.828E-29	5.955E-40	2.564E-95	1.532E-52	4.921E-05	1.620E-24	9.999E-01	7.215E-41	1.500E+03
2.944E-27	1.661E-38	1.091E-91	7.483E-48	1.256E-04	4.202E-24	9.998E-01	3.916E-38	1.600E+03
1.776E-25	3.141E-37	1.746E-88	1.026E-43	2.865E-04	9.748E-24	9.996E-01	1.013E-35	1.700E+03
6.801E-24	4.323E-36	1.260E-85	4.825E-40	5.958E-04	2.081E-23	9.991E-01	1.414E-33	1.800E+03
1.775E-22	8.176E-35	1.472E-82	5.185E-37	1.145E-03	7.366E-23	9.983E-01	1.174E-31	1.900E+03
3.346E-21	4.491E-33	1.297E-78	7.100E-35	2.060E-03	8.965E-22	9.969E-01	6.263E-30	2.000E+03
4.770E-20	2.242E-31	8.512E-75	4.576E-33	3.498E-03	1.142E-20	9.948E-01	2.267E-28	2.100E+03
5.341E-19	8.102E-30	2.581E-71	1.955E-21	5.632E-03	1.191E-19	9.915E-01	5.022E-27	2.200E+03
4.848E-18	2.157E-28	4.243E-68	5.992E-30	8.745E-03	1.016E-18	9.869E-01	1.192E-25	2.300E+03
3.662E-17	4.378E-27	3.453E-63	1.377E-28	1.302E-02	7.272E-18	9.805E-01	1.859E-24	2.400E+03
2.352E-16	6.997E-26	1.839E-62	2.455E-27	1.873E-02	4.440E-17	9.719E-01	2.277E-23	2.500E+03
1.309E-15	9.046E-25	5.727E-60	3.501E-26	2.614E-02	2.356E-16	9.607E-01	2.520E-22	2.600E+03
6.409E-15	9.657E-24	1.179E-57	4.090E-25	3.547E-02	1.103E-15	9.487E-01	1.987E-21	2.700E+03
2.799E-14	8.759E-23	1.655E-55	3.999E-24	4.694E-02	4.619E-15	9.294E-01	1.457E-20	2.800E+03
1.103E-13	6.789E-22	1.655E-53	3.333E-23	6.069E-02	1.748E-14	9.086E-01	9.287E-20	2.900E+03
3.965E-13	4.618E-21	1.221E-51	2.404E-22	7.682E-02	6.014E-14	8.842E-01	5.219E-19	3.000E+03
1.310E-12	2.768E-20	6.834E-50	1.522E-21	9.532E-02	1.919E-13	8.562E-01	2.616E-18	3.100E+03
4.011E-12	1.484E-19	2.969E-48	8.560E-21	1.161E-01	5.655E-13	8.245E-01	1.181E-17	3.200E+03
1.145E-11	7.183E-19	1.024E-46	4.321E-20	1.390E-01	1.548E-12	7.896E-01	4.853E-17	3.300E+03
3.071E-11	3.169E-18	2.920E-45	1.976E-19	1.638E-01	4.015E-12	7.516E-01	1.828E-16	3.400E+03
7.769E-11	1.284E-17	5.800E-44	8.253E-19	1.901E-01	9.781E-12	7.111E-01	6.357E-15	3.500E+03
1.863E-10	4.816E-17	1.536E-42	3.172E-19	2.175E-01	2.259E-11	6.487E-01	2.055E-15	3.600E+03
4.253E-10	1.681E-16	2.248E-41	1.129E-17	2.456E-01	4.965E-11	5.249E-01	5.212E-15	3.700E+03
9.283E-10	5.497E-16	3.256E-40	3.745E-17	2.738E-01	1.043E-10	5.804E-01	1.765E-14	3.800E+03
1.943E-09	1.692E-15	4.124E-39	1.164E-16	2.018E-01	2.101E-10	5.359E-01	4.737E-14	3.900E+03
3.914E-09	4.928E-15	4.609E-38	3.402E-16	3.291E-01	4.072E-10	4.920E-01	1.206E-13	4.000E+03
7.610E-09	1.363E-14	4.602E-37	9.406E-16	3.552E-01	7.617E-10	4.492E-01	2.926E-13	4.100E+03
1.432E-08	3.597E-14	4.127E-36	2.668E-15	3.800E-01	1.379E-09	4.081E-01	6.787E-13	4.200E+03
2.614E-08	9.088E-14	3.349E-35	6.172E-15	4.030E-01	2.420E-09	3.689E-01	1.511E-12	4.300E+03
4.639E-08	2.205E-13	2.495E-34	1.475E-14	4.241E-01	4.133E-09	3.321E-01	3.239E-12	4.400E+03
8.024E-08	5.155E-13	1.704E-33	3.381E-14	4.432E-01	6.876E-09	2.977E-01	6.704E-12	4.500E+03
1.355E-07	1.164E-12	1.075E-32	7.453E-14	4.601E-01	1.117E-08	2.550E-01	1.344E-11	4.600E+03
2.238E-07	2.547E-12	6.317E-32	1.584E-13	4.750E-01	1.776E-08	2.368E-01	2.616E-11	4.700E+03
3.622E-07	5.410E-12	3.465E-31	3.256E-13	4.878E-01	2.766E-08	2.103E-01	4.955E-11	4.800E+03
5.751E-07	1.118E-11	1.784E-30	6.483E-13	4.987E-01	4.228E-08	1.862E-01	9.158E-11	4.900E+03
8.974E-07	2.252E-11	8.661E-30	1.254E-12	5.077E-01	6.353E-08	1.645E-01	1.654E-10	5.000E+03
1.378E-05	4.432E-11	3.977E-29	2.358E-12	5.150E-01	9.393E-08	1.452E-01	2.927E-10	5.100E+03
2.084E-06	8.529E-11	1.736E-28	4.324E-12	5.208E-01	1.368E-07	1.279E-01	5.080E-10	5.200E+03
3.109E-06	1.603E-10	7.200E-28	7.743E-12	5.251E-01	1.966E-07	1.125E-01	8.665E-10	5.300E+03
4.578E-06	2.974E-10	2.855E-27	1.356E-11	5.283E-01	2.788E-07	9.887E-02	1.454E-09	5.400E+03
6.662E-06	3.419E-10	1.084E-26	2.327E-11	5.304E-01	3.907E-07	8.683E-02	2.406E-09	5.500E+03
9.588E-06	9.683E-10	3.950E-26	3.917E-11	5.316E-01	5.413E-07	7.621E-02	3.925E-09	5.600E+03
1.366E-05	1.702E-09	1.384E-25	6.476E-11	5.320E-01	7.420E-07	6.688E-02	6.326E-09	5.700E+03
1.927E-05	2.947E-09	4.668E-25	1.053E-10	5.319E-01	1.007E-06	5.870E-02	1.008E-08	5.800E+03
2.693E-05	3.027E-09	1.319E-24	1.688E-10	5.312E-01	1.352E-06	5.153E-02	1.589E-08	5.900E+03
3.733E-05	8.454E-09	4.774E-24	2.666E-10	5.302E-01	1.800E-06	4.525E-02	2.479E-03	6.000E+03
5.134E-05	1.402E-08	1.451E-23	4.156E-10	5.289E-01	2.373E-06	3.977E-02	3.832E-08	6.100E+03
7.005E-05	2.295E-08	4.267E-23	6.402E-10	5.274E-01	3.101E-06	3.498E-02	5.872E-08	6.200E+03
9.490E-05	3.706E-08	1.218E-22	9.751E-10	5.258E-01	4.018E-06	3.080E-02	8.921E-06	6.300E+03
1.277E-04	5.909E-08	3.358E-22	1.470E-09	5.241E-01	5.162E-06	2.715E-02	1.344E-07	6.400E+03
1.706E-04	9.301E-08	8.990E-22	2.195E-09	5.224E-01	6.576E-06	2.397E-02	2.009E-07	6.500E+03
2.265E-04	1.446E-07	2.340E-21	3.249E-09	5.207E-01	8.307E-06	2.120E-02	2.980E-07	6.600E+03
2.987E-04	2.220E-07	5.912E-21	4.767E-09	5.190E-01	1.041E-05	1.877E-02	4.386E-07	6.700E+03
3.917E-04	3.567E-07	1.452E-20	6.940E-09	5.173E-01	1.294E-05	1.665E-02	6.407E-07	6.800E+03
5.104E-04	5.047E-07	3.471E-20	1.003E-08	5.157E-01	1.597E-05	1.480E-02	9.288E-07	6.900E+03
6.611E-04	7.477E-07	8.073E-20	1.439E-08	5.141E-01	1.955E-05	1.318E-02	1.337E-06	7.000E+03
8.515E-04	1.095E-06	1.830E-19	2.049E-08	5.126E-01	2.376E-05	1.176E-02	1.909E-06	7.100E+03
1.090E-03	1.586E-06	4.045E-19	2.900E-08	5.111E-01	2.867E-05	1.051E-02	2.707E-06	7.200E+03
1.388E-03	2.271E-06	8.729E-19	4.076E-08	5.095E-01	3.436E-05	9.415E-03	3.808E-06	7.300E+03
1.758E-03	3.219E-06	1.591E-18	5.692E-08	5.080E-01	4.091E-05	8.449E-03	5.319E-06	7.400E+03
2.213E-03	4.514E-06	3.787E-18	7.898E-08	5.064E-01	4.838E-05	7.537E-03	7.373E-06	7.500E+03
2.771E-03	6.267E-06	7.627E-18	1.089E-07	5.047E-01	5.686E-05	6.843E-03	1.014E-05	7.600E+03
3.451E-03	8.614E-06	1.104E-17	1.492E-07	5.030E-01	6.641E-05	6.175E-03	1.365E-05	7.700E+03
4.275E-03	1.172E-05	2.905E-17	2.032E-07	5.010E-01	7.712E-05	5.582E-03	1.676E-05	7.800E+03
5.256E-03	1.581E-05	5.499E-17	2.750E-07	4.989E-01	8.903E-05	5.055E-03	2.521E-05	7.900E+03
6.452E-03	2.112E-05	1.021E-16	3.698E-07	4.965E-01	1.022E-04	4.585E-03	3.361E-05	8.000E+03
9.528E-03	3.656E-05	3.328E-16	6.564E-07	4.908E-01	1.325E-04	3.787E-03	5.832E-05	8.200E+03



Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
8.400E+03	2.552E-04	4.862E-01	6.125E-05	4.903E-21	5.750E-05	1.267E-02	2.554E-05	2.452E-06
8.600E+03	3.377E-04	4.920E-01	7.698E-05	1.524E-20	6.905E-05	1.001E-02	2.587E-05	2.560E-06
8.800E+03	4.434E-04	4.981E-01	9.549E-05	4.447E-20	8.264E-05	9.473E-03	2.614E-05	2.683E-06
9.000E+03	5.774E-04	5.048E-01	1.172E-04	1.244E-19	9.851E-05	8.304E-03	2.642E-05	2.821E-06
9.200E+03	7.453E-04	5.122E-01	1.427E-04	3.310E-19	1.169E-04	7.348E-03	2.676E-05	2.975E-06
9.400E+03	9.528E-04	5.205E-01	1.727E-04	8.463E-19	1.380E-04	6.559E-03	2.719E-05	3.143E-06
9.600E+03	1.205E-03	5.295E-01	2.079E-04	2.090E-18	1.618E-04	5.985E-03	2.776E-05	3.319E-06
9.800E+03	1.509E-03	5.391E-01	2.495E-04	5.004E-18	1.884E-04	5.355E-03	2.848E-05	3.501E-06
1.000E+04	1.868E-03	5.492E-01	2.986E-04	1.166E-17	2.175E-04	4.886E-03	2.935E-05	3.682E-06
1.200E+04	2.287E-03	5.595E-01	3.564E-04	2.648E-17	2.491E-04	4.481E-03	3.037E-05	3.855E-06
1.400E+04	2.770E-03	5.696E-01	4.244E-04	5.874E-17	2.826E-04	4.124E-03	3.154E-05	4.014E-06
1.600E+04	3.320E-03	5.794E-01	5.041E-04	1.275E-16	3.177E-04	3.805E-03	3.282E-05	4.153E-06
1.800E+04	3.941E-03	5.887E-01	5.971E-04	2.707E-16	3.539E-04	3.514E-03	3.421E-05	4.269E-06
2.000E+04	4.636E-03	5.972E-01	7.050E-04	5.631E-16	3.909E-04	3.252E-03	3.568E-05	4.359E-06
2.200E+04	5.406E-03	6.049E-01	8.297E-04	1.148E-15	4.282E-04	3.010E-03	3.722E-05	4.420E-06
2.400E+04	6.256E-03	6.116E-01	9.731E-04	2.295E-15	4.655E-04	2.786E-03	3.881E-05	4.454E-06
2.600E+04	7.187E-03	6.175E-01	1.137E-03	4.499E-15	5.024E-04	2.579E-03	4.044E-05	4.463E-06
2.800E+04	8.203E-03	6.224E-01	1.324E-03	8.656E-15	5.387E-04	2.388E-03	4.210E-05	4.447E-06
3.000E+04	9.306E-03	6.265E-01	1.536E-03	1.635E-14	5.743E-04	2.211E-03	4.377E-05	4.411E-06
3.200E+04	1.050E-02	6.299E-01	1.775E-03	3.034E-14	6.090E-04	2.048E-03	4.546E-05	4.357E-06
3.400E+04	1.179E-02	6.325E-01	2.044E-03	5.533E-14	6.428E-04	1.888E-03	4.716E-05	4.289E-06
3.600E+04	1.317E-02	6.345E-01	2.345E-03	9.922E-14	6.755E-04	1.740E-03	4.887E-05	4.208E-06
3.800E+04	1.466E-02	6.359E-01	2.681E-03	1.751E-13	7.072E-04	1.632E-03	5.057E-05	4.118E-06
4.000E+04	1.625E-02	6.368E-01	3.055E-03	3.040E-13	7.378E-04	1.515E-03	5.228E-05	4.020E-06
4.200E+04	1.794E-02	6.372E-01	3.469E-03	5.200E-13	7.672E-04	1.408E-03	5.399E-05	3.917E-06
4.400E+04	1.975E-02	6.372E-01	3.927E-03	8.766E-13	7.956E-04	1.309E-03	5.569E-05	3.810E-06
4.600E+04	2.166E-02	6.369E-01	4.431E-03	1.457E-12	8.229E-04	1.218E-03	5.739E-05	3.701E-06
4.800E+04	2.369E-02	6.362E-01	4.985E-03	2.389E-12	8.490E-04	1.134E-03	5.908E-05	3.589E-06
5.000E+04	2.584E-02	6.352E-01	5.591E-03	3.865E-12	8.739E-04	1.057E-03	6.076E-05	3.477E-06
5.200E+04	2.811E-02	6.339E-01	6.253E-03	6.177E-12	8.977E-04	9.866E-04	6.242E-05	3.365E-06
5.400E+04	3.051E-02	6.323E-01	6.974E-03	9.750E-12	9.202E-04	9.212E-04	6.408E-05	3.253E-06
5.600E+04	3.302E-02	6.305E-01	7.758E-03	1.521E-11	9.416E-04	8.608E-04	6.571E-05	3.142E-06
5.800E+04	3.566E-02	6.285E-01	8.608E-03	2.347E-11	9.617E-04	8.050E-04	6.732E-05	3.032E-06
6.000E+04	3.843E-02	6.262E-01	9.527E-03	3.582E-11	9.806E-04	7.533E-04	6.891E-05	2.923E-06
6.200E+04	4.132E-02	6.237E-01	1.052E-02	5.410E-11	9.981E-04	7.054E-04	7.047E-05	2.816E-06
6.400E+04	4.434E-02	6.210E-01	1.159E-02	8.089E-11	1.014E-03	6.610E-04	7.200E-05	2.711E-06
6.600E+04	4.749E-02	6.181E-01	1.273E-02	1.198E-10	1.029E-03	6.107E-04	7.350E-05	2.607E-06
6.800E+04	5.077E-02	6.150E-01	1.396E-02	1.757E-10	1.043E-03	5.812E-04	7.495E-05	2.506E-06
7.000E+04	5.417E-02	6.116E-01	1.527E-02	2.555E-10	1.055E-03	5.454E-04	7.636E-05	2.406E-06
7.200E+04	5.771E-02	6.081E-01	1.668E-02	3.692E-10	1.066E-03	5.120E-04	7.772E-05	2.309E-06
7.400E+04	6.137E-02	6.043E-01	1.817E-02	5.262E-10	1.076E-03	4.808E-04	7.903E-05	2.213E-06
7.600E+04	6.515E-02	6.004E-01	1.976E-02	7.459E-10	1.084E-03	4.517E-04	8.029E-05	2.120E-06
7.800E+04	6.906E-02	5.963E-01	2.145E-02	1.049E-09	1.091E-03	4.244E-04	8.148E-05	2.029E-06
8.000E+04	7.309E-02	5.919E-01	2.323E-02	1.464E-09	1.096E-03	3.988E-04	8.261E-05	1.941E-06
8.200E+04	7.724E-02	5.874E-01	2.512E-02	2.029E-09	1.100E-03	3.748E-04	8.366E-05	1.854E-06
8.400E+04	8.151E-02	5.827E-01	2.711E-02	2.792E-09	1.103E-03	3.523E-04	8.464E-05	1.770E-06
8.600E+04	8.589E-02	5.778E-01	2.921E-02	3.815E-09	1.104E-03	3.311E-04	8.555E-05	1.688E-06
8.800E+04	9.039E-02	5.727E-01	3.142E-02	5.177E-09	1.104E-03	3.112E-04	8.637E-05	1.608E-06
9.000E+04	9.500E-02	5.674E-01	3.374E-02	6.982E-09	1.102E-03	2.925E-04	8.711E-05	1.531E-06
9.200E+04	9.971E-02	5.619E-01	3.616E-02	9.356E-09	1.100E-03	2.748E-04	8.775E-05	1.456E-06
9.400E+04	1.045E-01	5.562E-01	3.870E-02	1.246E-08	1.096E-03	2.582E-04	8.830E-05	1.383E-06
9.600E+04	1.094E-01	5.503E-01	4.134E-02	1.650E-08	1.090E-03	2.426E-04	8.876E-05	1.313E-06
9.800E+04	1.145E-01	5.443E-01	4.410E-02	2.172E-08	1.084E-03	2.278E-04	8.912E-05	1.245E-06
1.000E+05	1.196E-01	5.381E-01	4.697E-02	2.844E-08	1.076E-03	2.138E-04	8.937E-05	1.179E-06
1.200E+05	1.248E-01	5.317E-01	4.995E-02	3.703E-08	1.067E-03	2.007E-04	8.952E-05	1.115E-06
1.400E+05	1.300E-01	5.252E-01	5.304E-02	4.797E-08	1.057E-03	1.883E-04	8.957E-05	1.054E-06
1.600E+05	1.354E-01	5.185E-01	5.624E-02	6.181E-08	1.045E-03	1.765E-04	8.950E-05	9.947E-07
1.800E+05	1.408E-01	5.116E-01	5.954E-02	7.926E-08	1.033E-03	1.655E-04	8.934E-05	9.379E-07
2.000E+05	1.463E-01	5.046E-01	6.294E-02	1.011E-07	1.020E-03	1.550E-04	8.906E-05	8.833E-07
2.200E+05	1.519E-01	4.974E-01	6.645E-02	1.284E-07	1.006E-03	1.452E-04	8.868E-05	8.309E-07
2.400E+05	1.575E-01	4.901E-01	7.005E-02	1.624E-07	9.905E-04	1.359E-04	8.819E-05	7.807E-07
2.600E+05	1.632E-01	4.827E-01	7.375E-02	2.044E-07	9.744E-04	1.271E-04	8.739E-05	7.327E-07
2.800E+05	1.689E-01	4.751E-01	7.754E-02	2.561E-07	9.576E-04	1.188E-04	8.689E-05	6.868E-07
3.000E+05	1.747E-01	4.674E-01	8.141E-02	3.195E-07	9.401E-04	1.110E-04	8.609E-05	6.430E-07
3.200E+05	1.805E-01	4.597E-01	8.536E-02	3.970E-07	9.219E-04	1.036E-04	8.519E-05	6.012E-07
3.400E+05	1.863E-01	4.518E-01	8.940E-02	4.914E-07	9.030E-04	9.663E-05	8.419E-05	5.615E-07
3.600E+05	1.922E-01	4.438E-01	9.350E-02	6.057E-07	8.836E-04	9.009E-05	8.310E-05	5.237E-07
3.800E+05	1.980E-01	4.358E-01	9.767E-02	7.438E-07	8.637E-04	8.393E-05	8.193E-05	4.879E-07
4.000E+05	2.039E-01	4.276E-01	1.019E-01	9.100E-07	8.433E-04	7.813E-05	8.064E-05	4.540E-07
4.200E+05	2.098E-01	4.195E-01	1.062E-01	1.109E-06	8.226E-04	7.293E-05	7.933E-05	4.219E-07
4.400E+05	2.157E-01	4.112E-01	1.105E-01	1.347E-06	8.015E-04	6.757E-05	7.791E-05	3.915E-07
4.600E+05	2.216E-01	4.030E-01	1.149E-01	1.631E-06	7.802E-04	6.276E-05	7.643E-05	3.629E-07
4.800E+05	2.275E-01	3.947E-01	1.193E-01	1.967E-06	7.587E-04	5.825E-05	7.488E-05	3.360E-07
5.000E+05	2.334E-01	3.864E-01	1.237E-01	2.365E-06	7.370E-04	5.403E-05	7.328E-05	3.107E-07
5.200E+05	2.392E-01	3.780E-01	1.282E-01	2.835E-06	7.152E-04	5.087E-05	7.162E-05	2.869E-07
5.400E+05	2.450E-01	3.697E-01	1.327E-01	3.387E-06	6.934E-04	4.637E-05	6.992E-05	2.647E-07
5.600E+05	2.508E-01	3.614E-01	1.372E-01	4.034E-06	6.716E-04	4.290E-05	6.818E-05	2.439E-07
5.800E+05	2.565E-01	3.531E-01	1.417E-01	4.791E-06	6.499E-04	3.967E-05	6.641E-05	2.244E-07
6.000E+05	2.622E-01	3.449E-01	1.462E-01	5.673E-06	6.283E-04	3.665E-05	6.461E-05	2.063E-07
6.200E+05	2.679E-01	3.366E-01	1.506E-01	6.698E-06	6.069E-04	3.384E-05	6.279E-05	1.894E-07
6.400E+05	2.735E-01	3.285E-01	1.551E-01	7.886E-06	5.856E-04	3.122E-05	6.095E-05	1.736E-07
6.600E+05	2.790E-01	3.204E-01	1.595E-01	9.260E-06	5.646E-04	2.878E-05	5.910E-05	1.591E-07
6.800E+05	2.845E-01	3.123E-01	1.640E-01	1.084E-05	5.439E-04	2.652E-05	5.725E-05	1.455E-07
7.000E+05	2.899E-01	3.044E-01	1.683E-01	1.267E-05	5.235E-04	2.441E-05	5.539E-05	1.330E-07

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.376E-02	6.141E-05	1.010E-15	1.135E-06	4.835E-01	1.681E-04	3.144E-03	9.782E-05	8.400E+03
1.943E-02	9.941E-05	2.869E-15	1.913E-06	4.741E-01	2.090E-04	2.620E-03	1.583E-04	8.600E+03
2.681E-02	1.356E-04	7.633E-15	3.135E-06	4.621E-01	2.546E-04	2.188E-03	2.469E-04	8.800E+03
3.611E-02	2.359E-04	1.925E-14	4.989E-06	4.472E-01	3.042E-04	1.829E-03	3.700E-04	9.000E+03
4.746E-02	3.466E-04	4.584E-14	7.703E-06	4.291E-01	3.568E-04	1.529E-03	5.324E-04	9.200E+03
6.086E-02	4.944E-04	1.038E-13	1.152E-05	4.079E-01	4.112E-04	1.275E-03	7.345E-04	9.400E+03
7.615E-02	6.857E-04	2.247E-13	1.669E-05	3.837E-01	4.659E-04	1.060E-03	9.714E-04	9.600E+03
9.301E-02	9.267E-04	4.667E-13	2.339E-05	3.570E-01	5.194E-04	8.770E-04	1.232E-03	9.800E+03
1.110E-01	1.222E-03	9.306E-13	3.176E-05	3.284E-01	5.705E-04	7.217E-04	1.502E-03	1.000E+04
1.296E-01	1.577E-03	1.794E-12	4.183E-05	2.989E-01	6.178E-04	5.901E-04	1.762E-03	1.020E+04
1.484E-01	1.994E-03	3.352E-12	5.351E-05	2.592E-01	6.604E-04	4.793E-04	1.996E-03	1.040E+04
1.667E-01	2.474E-03	6.084E-12	6.663E-05	2.401E-01	6.974E-04	3.870E-04	2.190E-03	1.060E+04
1.841E-01	3.021E-03	1.075E-11	8.095E-05	2.123E-01	7.284E-04	3.105E-04	2.335E-03	1.080E+04
2.004E-01	3.633E-03	1.854E-11	9.617E-05	1.862E-01	7.533E-04	2.477E-04	2.427E-03	1.100E+04
2.152E-01	4.312E-03	3.125E-11	1.120E-04	1.623E-01	7.721E-04	1.967E-04	2.467E-03	1.120E+04
2.285E-01	5.057E-03	5.159E-11	1.281E-04	1.408E-01	7.852E-04	1.557E-04	2.461E-03	1.140E+04
2.402E-01	5.867E-03	8.352E-11	1.442E-04	1.215E-01	7.932E-04	1.228E-04	2.415E-03	1.160E+04
2.503E-01	6.743E-03	1.328E-10	1.602E-04	1.046E-01	7.965E-04	9.675E-05	2.337E-03	1.180E+04
2.589E-01	7.685E-03	2.076E-10	1.758E-04	8.991E-02	7.958E-04	7.616E-05	2.236E-03	1.200E+04
2.661E-01	8.692E-03	3.194E-10	1.909E-04	7.717E-02	7.917E-04	5.996E-05	2.120E-03	1.220E+04
2.721E-01	9.764E-03	4.842E-10	2.055E-04	6.621E-02	7.848E-04	4.724E-05	1.994E-03	1.240E+04
2.769E-01	1.090E-02	7.239E-10	2.193E-04	5.683E-02	7.757E-04	3.728E-05	1.863E-03	1.260E+04
2.807E-01	1.210E-02	1.068E-09	2.325E-04	4.882E-02	7.648E-04	2.948E-05	1.732E-03	1.280E+04
2.836E-01	1.337E-02	1.557E-09	2.450E-04	4.199E-02	7.525E-04	2.336E-05	1.604E-03	1.300E+04
2.858E-01	1.471E-02	2.242E-09	2.567E-04	3.617E-02	7.391E-04	1.857E-05	1.481E-03	1.320E+04
2.873E-01	1.610E-02	3.193E-09	2.676E-04	3.122E-02	7.249E-04	1.481E-05	1.363E-03	1.340E+04
2.881E-01	1.757E-02	4.500E-09	2.778E-04	2.701E-02	7.100E-04	1.184E-05	1.252E-03	1.360E+04
2.885E-01	1.910E-02	6.278E-09	2.873E-04	2.341E-02	6.948E-04	9.499E-06	1.148E-03	1.380E+04
2.883E-01	2.069E-02	8.676E-09	2.961E-04	2.034E-02	6.793E-04	7.645E-06	1.052E-03	1.400E+04
2.878E-01	2.234E-02	1.188E-08	3.041E-04	1.771E-02	6.636E-04	6.173E-06	9.625E-04	1.420E+04
2.869E-01	2.405E-02	1.512E-08	3.113E-04	1.546E-02	6.478E-04	5.001E-06	8.799E-04	1.440E+04
2.857E-01	2.583E-02	2.171E-08	3.179E-04	1.352E-02	6.320E-04	4.064E-06	8.038E-04	1.460E+04
2.842E-01	2.766E-02	2.898E-08	3.237E-04	1.185E-02	6.162E-04	3.312E-06	7.339E-04	1.480E+04
2.825E-01	2.954E-02	3.841E-08	3.288E-04	1.042E-02	6.004E-04	2.708E-06	6.698E-04	1.500E+04
2.805E-01	3.148E-02	5.052E-08	3.332E-04	9.171E-03	5.847E-04	2.220E-06	6.110E-04	1.520E+04
2.783E-01	3.347E-02	6.599E-08	3.368E-04	8.092E-03	5.692E-04	1.825E-06	5.571E-04	1.540E+04
2.759E-01	3.550E-02	8.561E-08	3.398E-04	7.153E-03	5.537E-04	1.504E-06	5.079E-04	1.560E+04
2.733E-01	3.758E-02	1.103E-07	3.422E-04	6.336E-03	5.384E-04	1.242E-06	4.628E-04	1.580E+04
2.706E-01	3.970E-02	1.413E-07	3.438E-04	5.622E-03	5.232E-04	1.029E-06	4.216E-04	1.600E+04
2.678E-01	4.186E-02	1.799E-07	3.448E-04	4.997E-03	5.082E-04	8.540E-07	3.839E-04	1.620E+04
2.648E-01	4.404E-02	2.277E-07	3.451E-04	4.448E-03	4.933E-04	7.102E-07	3.495E-04	1.640E+04
2.617E-01	4.626E-02	2.855E-07	3.449E-04	3.966E-03	4.786E-04	5.919E-07	3.191E-04	1.660E+04
2.585E-01	4.850E-02	3.586E-07	3.440E-04	3.541E-03	4.640E-04	4.941E-07	2.894E-04	1.680E+04
2.552E-01	5.076E-02	4.465E-07	3.426E-04	3.166E-03	4.496E-04	4.132E-07	2.632E-04	1.700E+04
2.518E-01	5.304E-02	5.531E-07	3.406E-04	2.834E-03	4.354E-04	3.461E-07	2.393E-04	1.720E+04
2.483E-01	5.533E-02	6.818E-07	3.380E-04	2.540E-03	4.214E-04	2.904E-07	2.175E-04	1.740E+04
2.448E-01	5.763E-02	8.365E-07	3.350E-04	2.278E-03	4.076E-04	2.439E-07	1.976E-04	1.760E+04
2.412E-01	5.992E-02	1.022E-06	3.315E-04	2.046E-03	3.939E-04	2.052E-07	1.795E-04	1.780E+04
2.375E-01	6.222E-02	1.242E-06	3.275E-04	1.839E-03	3.805E-04	1.728E-07	1.629E-04	1.800E+04
2.338E-01	6.452E-02	1.504E-06	3.231E-04	1.655E-03	3.672E-04	1.456E-07	1.478E-04	1.820E+04
2.300E-01	6.680E-02	1.813E-06	3.183E-04	1.490E-03	3.542E-04	1.229E-07	1.341E-04	1.840E+04
2.262E-01	6.907E-02	2.177E-06	3.132E-04	1.342E-03	3.414E-04	1.038E-07	1.216E-04	1.860E+04
2.224E-01	7.133E-02	2.604E-06	3.077E-04	1.210E-03	3.289E-04	8.773E-08	1.102E-04	1.880E+04
2.186E-01	7.356E-02	3.103E-06	3.019E-04	1.092E-03	3.165E-04	7.421E-08	9.984E-05	1.900E+04
2.148E-01	7.577E-02	3.684E-06	2.959E-04	9.857E-04	3.044E-04	6.282E-08	9.041E-05	1.920E+04
2.109E-01	7.795E-02	4.359E-06	2.896E-04	8.902E-04	2.926E-04	5.320E-08	8.185E-05	1.940E+04
2.071E-01	8.010E-02	5.139E-06	2.831E-04	8.042E-04	2.810E-04	4.508E-08	7.406E-05	1.960E+04
2.032E-01	8.222E-02	6.039E-06	2.764E-04	7.269E-04	2.697E-04	3.822E-08	6.699E-05	1.980E+04
1.993E-01	8.431E-02	7.075E-06	2.696E-04	6.572E-04	2.586E-04	3.241E-08	6.058E-05	2.000E+04
1.955E-01	8.635E-02	8.262E-06	2.626E-04	5.943E-04	2.478E-04	2.750E-08	5.475E-05	2.020E+04
1.917E-01	8.835E-02	9.619E-06	2.556E-04	5.376E-04	2.373E-04	2.333E-08	4.947E-05	2.040E+04
1.879E-01	9.032E-02	1.117E-05	2.484E-04	4.865E-04	2.271E-04	1.980E-08	4.469E-05	2.060E+04
1.841E-01	9.223E-02	1.293E-05	2.412E-04	4.402E-04	2.171E-04	1.681E-08	4.035E-05	2.080E+04
1.804E-01	9.411E-02	1.492E-05	2.340E-04	3.985E-04	2.074E-04	1.427E-08	3.642E-05	2.100E+04
1.766E-01	9.593E-02	1.718E-05	2.268E-04	3.607E-04	1.981E-04	1.212E-08	3.287E-05	2.120E+04
1.729E-01	9.771E-02	1.974E-05	2.195E-04	3.265E-04	1.890E-04	1.029E-08	2.965E-05	2.140E+04
1.693E-01	9.944E-02	2.261E-05	2.124E-04	2.956E-04	1.802E-04	8.739E-09	2.674E-05	2.160E+04
1.657E-01	1.011E-01	2.584E-05	2.052E-04	2.676E-04	1.717E-04	7.421E-09	2.411E-05	2.180E+04
1.621E-01	1.028E-01	2.947E-05	1.982E-04	2.423E-04	1.635E-04	6.301E-09	2.174E-05	2.200E+04
1.586E-01	1.043E-01	3.353E-05	1.912E-04	2.194E-04	1.555E-04	5.350E-09	1.959E-05	2.220E+04
1.551E-01	1.059E-01	3.807E-05	1.843E-04	1.986E-04	1.479E-04	4.542E-09	1.765E-05	2.240E+04
1.517E-01	1.074E-01	4.313E-05	1.775E-04	1.798E-04	1.405E-04	3.856E-09	1.590E-05	2.260E+04
1.483E-01	1.088E-01	4.876E-05	1.708E-04	1.628E-04	1.335E-04	3.273E-09	1.433E-05	2.280E+04
1.450E-01	1.102E-01	5.502E-05	1.643E-04	1.474E-04	1.267E-04	2.778E-09	1.290E-05	2.300E+04
1.417E-01	1.116E-01	6.197E-05	1.578E-04	1.334E-04	1.201E-04	2.357E-09	1.162E-05	2.320E+04
1.385E-01	1.129E-01	6.966E-05	1.516E-04	1.208E-04	1.139E-04	2.000E-09	1.046E-05	2.340E+04
1.353E-01	1.141E-01	7.818E-05	1.455E-04	1.093E-04	1.079E-04	1.697E-09	9.420E-06	2.360E+04
1.322E-01	1.153E-01	8.758E-05	1.395E-04	9.893E-05	1.022E-04	1.439E-09	8.481E-06	2.380E+04
1.291E-01	1.165E-01	9.794E-05	1.337E-04	8.953E-05	9.649E-05	1.220E-09	7.635E-06	2.400E+04
1.261E-01	1.176E-01	1.094E-04	1.281E-04	8.101E-05	9.146E-05	1.035E-09	6.874E-06	2.420E+04
1.231E-01	1.187E-01	1.219E-04	1.226E-04	7.330E-05	8.647E-05	8.772E-10	6.188E-06	2.440E+04
1.202E-01	1.198E-01	1.357E-04	1.173E-04	6.632E-05	8.171E-05	7.436E-10	5.571E-06	2.460E+04
1.174E-01	1.208E-01	1.508E-04	1.121E-04	6.001E-05	7.717E-05	6.303E-10	5.016E-06	2.480E+04
1.146E-01	1.217E-01	1.674E-04	1.072E-04	5.428E-05	7.286E-05	5.341E-10	4.516E-06	2.500E+04

Table II. - Continued.

P/P0 = 5.00E+02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.347E-11	1.760E-18	0.
2.000E+02	0.	3.245E-69	0.	0.	0.	4.678E-11	1.760E-18	0.
3.000E+02	0.	1.501E-47	1.494E-81	0.	0.	4.978E-11	1.760E-18	0.
4.000E+02	0.	1.114E-36	3.641E-64	0.	0.	5.273E-11	1.760E-18	0.
5.000E+02	0.	3.581E-30	1.101E-53	0.	0.	4.710E-11	1.760E-18	0.
6.000E+02	0.	8.537E-26	1.024E-46	0.	0.	4.993E-11	1.760E-18	3.763E-96
7.000E+02	8.666E-82	1.088E-22	1.051E-41	0.	1.501E-91	4.611E-11	1.760E-18	5.918E-83
8.000E+02	1.399E-70	3.130E-20	4.586E-38	0.	2.354E-79	7.662E-11	1.760E-18	1.455E-72
9.000E+02	6.749E-61	7.686E-18	1.048E-35	0.	1.934E-68	1.017E-09	1.760E-18	1.404E-62
1.000E+03	5.894E-53	7.789E-16	6.585E-34	0.	1.968E-59	1.227E-08	1.760E-18	3.170E-54
1.100E+03	1.931E-46	3.455E-14	1.939E-32	0.	4.765E-52	9.593E-08	1.760E-18	2.253E-47
1.200E+03	5.282E-41	8.169E-13	3.262E-31	0.	6.789E-46	5.322E-07	1.760E-18	1.154E-41
1.300E+03	2.132E-36	1.189E-11	3.568E-30	0.	1.092E-40	2.264E-06	1.760E-18	7.792E-37
1.400E+03	1.917E-32	1.181E-10	2.782E-25	0.	3.166E-36	7.817E-06	1.760E-18	1.070E-32
1.500E+03	5.167E-29	2.647E-10	1.654E-28	0.	2.324E-32	2.284E-05	1.760E-18	4.112E-29
1.600E+03	5.232E-26	4.938E-09	7.889E-28	0.	5.620E-29	5.828E-05	1.760E-18	5.614E-26
1.700E+03	2.364E-23	2.298E-08	3.137E-27	0.	5.418E-26	1.330E-04	1.760E-18	3.248E-23
1.800E+03	5.409E-21	9.019E-08	1.081E-26	0.	2.411E-23	2.765E-04	1.775E-18	9.273E-21
1.900E+03	4.142E-19	2.065E-07	5.555E-26	0.	3.324E-21	5.316E-04	3.031E-18	8.539E-19
2.000E+03	5.188E-18	9.216E-07	9.665E-25	0.	7.021E-20	9.599E-04	1.954E-17	1.252E-17
2.100E+03	3.757E-17	2.495E-06	1.750E-23	0.	8.109E-19	1.623E-03	1.440E-16	1.038E-16
2.200E+03	2.206E-16	6.167E-06	2.525E-22	2.868E-87	7.237E-18	2.622E-03	9.144E-16	6.849E-16
2.300E+03	1.109E-15	1.408E-05	2.903E-21	2.301E-83	5.303E-17	4.055E-03	4.966E-15	3.802E-15
2.400E+03	4.886E-15	3.000E-05	2.728E-20	8.765E-80	3.280E-16	6.034E-03	2.342E-14	1.821E-14
2.500E+03	1.915E-14	6.009E-05	2.144E-19	1.731E-76	1.749E-15	8.676E-03	9.748E-14	7.662E-14
2.600E+03	6.775E-14	1.140E-04	1.439E-18	1.911E-73	8.177E-15	1.210E-02	3.630E-13	2.873E-13
2.700E+03	2.187E-13	2.059E-04	8.389E-18	1.257E-70	3.400E-14	1.640E-02	1.224E-12	9.722E-13
2.800E+03	6.504E-13	3.559E-04	4.310E-17	5.210E-68	1.273E-13	2.168E-02	3.773E-12	3.000E-12
2.900E+03	1.797E-12	5.913E-04	1.977E-16	1.426E-65	4.337E-13	2.800E-02	1.073E-11	8.516E-12
3.000E+03	4.649E-12	9.477E-04	8.188E-16	2.687E-63	1.357E-12	3.538E-02	1.242E-11	2.242E-11
3.100E+03	1.132E-11	1.470E-03	3.091E-15	3.612E-61	3.929E-12	4.382E-02	7.015E-11	5.508E-11
3.200E+03	2.611E-11	2.212E-03	1.072E-14	3.575E-59	1.060E-11	5.325E-02	1.632E-10	1.270E-10
3.300E+03	5.730E-11	3.239E-03	3.430E-14	2.679E-57	2.681E-11	6.359E-02	3.592E-10	2.765E-10
3.400E+03	1.201E-10	4.623E-03	1.032E-13	1.557E-55	6.393E-11	7.468E-02	7.508E-10	5.705E-10
3.500E+03	2.415E-10	6.445E-03	2.900E-13	7.176E-54	1.443E-10	8.633E-02	1.497E-09	1.120E-09
3.600E+03	4.673E-10	8.790E-03	7.677E-13	2.673E-52	3.099E-10	9.832E-02	2.856E-09	2.104E-09
3.700E+03	8.726E-10	1.175E-02	1.925E-12	8.189E-51	6.350E-10	1.104E-01	5.234E-09	3.774E-09
3.800E+03	1.577E-09	1.541E-02	4.591E-12	2.095E-49	1.246E-09	1.223E-01	9.236E-09	6.515E-09
3.900E+03	2.763E-09	1.986E-02	1.045E-11	4.540E-48	2.349E-09	1.338E-01	1.574E-08	1.083E-08
4.000E+03	4.706E-09	2.518E-02	2.280E-11	8.439E-47	4.266E-09	1.446E-01	2.597E-08	1.740E-08
4.100E+03	7.805E-09	3.143E-02	4.779E-11	1.360E-45	7.480E-09	1.546E-01	4.156E-08	2.703E-08
4.200E+03	1.263E-08	3.868E-02	9.654E-11	1.922E-44	1.269E-08	1.634E-01	6.468E-08	4.074E-08
4.300E+03	1.996E-08	4.696E-02	1.885E-10	2.403E-43	2.089E-08	1.709E-01	9.804E-08	5.964E-08
4.400E+03	3.088E-08	5.630E-02	3.563E-10	2.680E-42	3.339E-08	1.771E-01	1.450E-07	8.497E-08
4.500E+03	4.679E-08	6.670E-02	6.539E-10	2.688E-41	5.196E-08	1.818E-01	2.097E-07	1.180E-07
4.600E+03	6.954E-08	7.815E-02	1.167E-09	2.441E-40	7.883E-08	1.850E-01	2.967E-07	1.599E-07
4.700E+03	1.015E-07	9.061E-02	2.030E-09	2.020E-39	1.168E-07	1.867E-01	4.115E-07	2.119E-07
4.800E+03	1.457E-07	1.040E-01	3.446E-09	1.533E-38	1.691E-07	1.870E-01	5.601E-07	2.747E-07
4.900E+03	2.056E-07	1.183E-01	5.716E-09	1.072E-37	2.396E-07	1.858E-01	7.490E-07	3.490E-07
5.000E+03	2.859E-07	1.334E-01	9.283E-09	6.948E-37	3.329E-07	1.834E-01	9.851E-07	4.349E-07
5.100E+03	3.919E-07	1.491E-01	1.477E-08	4.189E-36	4.537E-07	1.798E-01	1.275E-06	5.321E-07
5.200E+03	5.299E-07	1.654E-01	2.307E-08	2.360E-35	6.075E-07	1.751E-01	1.627E-06	6.399E-07
5.300E+03	7.074E-07	1.821E-01	3.537E-08	1.247E-34	7.996E-07	1.695E-01	2.046E-06	7.571E-07
5.400E+03	9.329E-07	1.991E-01	5.332E-08	6.200E-34	1.036E-06	1.631E-01	2.538E-06	8.820E-07
5.500E+03	1.216E-06	2.162E-01	7.907E-08	2.911E-33	1.322E-06	1.560E-01	3.109E-06	1.013E-06
5.600E+03	1.569E-06	2.333E-01	1.155E-07	1.294E-32	1.663E-06	1.485E-01	3.762E-06	1.147E-06
5.700E+03	2.005E-06	2.503E-01	1.661E-07	5.457E-32	2.064E-06	1.407E-01	4.499E-06	1.283E-06
5.800E+03	2.537E-06	2.669E-01	2.356E-07	2.191E-31	2.531E-06	1.326E-01	5.321E-06	1.417E-06
5.900E+03	3.183E-06	2.831E-01	3.297E-07	8.385E-31	3.069E-06	1.245E-01	6.225E-06	1.549E-06
6.000E+03	3.963E-06	2.989E-01	4.553E-07	3.067E-30	3.681E-06	1.164E-01	7.208E-06	1.676E-06
6.100E+03	4.897E-06	3.140E-01	6.208E-07	1.073E-29	4.371E-06	1.084E-01	8.262E-06	1.796E-06
6.200E+03	6.010E-06	3.284E-01	8.361E-07	3.602E-29	5.146E-06	1.006E-01	9.381E-06	1.909E-06
6.300E+03	7.332E-06	3.421E-01	1.113E-06	1.161E-28	6.008E-06	9.308E-02	1.055E-05	2.014E-06
6.400E+03	8.895E-06	3.549E-01	1.464E-06	3.595E-28	6.964E-06	8.590E-02	1.177E-05	2.111E-06
6.500E+03	1.074E-05	3.670E-01	1.905E-06	1.072E-27	8.018E-06	7.909E-02	1.301E-05	2.199E-06
6.600E+03	1.290E-05	3.783E-01	2.452E-06	3.084E-27	9.177E-06	7.267E-02	1.426E-05	2.280E-06
6.700E+03	1.544E-05	3.887E-01	3.123E-06	8.561E-27	1.045E-05	6.667E-02	1.551E-05	2.354E-06
6.800E+03	1.842E-05	3.984E-01	3.938E-06	2.296E-26	1.184E-05	6.108E-02	1.675E-05	2.421E-06
6.900E+03	2.189E-05	4.073E-01	4.917E-06	5.961E-26	1.336E-05	5.591E-02	1.796E-05	2.483E-06
7.000E+03	2.594E-05	4.155E-01	6.083E-06	1.499E-25	1.503E-05	5.114E-02	1.913E-05	2.540E-06
7.100E+03	3.066E-05	4.230E-01	7.458E-06	3.657E-25	1.684E-05	4.675E-02	2.025E-05	2.593E-06
7.200E+03	3.614E-05	4.298E-01	9.066E-06	8.662E-25	1.882E-05	4.274E-02	2.131E-05	2.644E-06
7.300E+03	4.250E-05	4.361E-01	1.093E-05	1.995E-24	2.098E-05	3.908E-02	2.231E-05	2.692E-06
7.400E+03	4.987E-05	4.418E-01	1.308E-05	4.473E-24	2.333E-05	3.574E-02	2.323E-05	2.739E-06
7.500E+03	5.839E-05	4.471E-01	1.554E-05	9.773E-24	2.589E-05	3.270E-02	2.408E-05	2.784E-06
7.600E+03	6.722E-05	4.519E-01	1.833E-05	2.083E-23	2.867E-05	2.994E-02	2.486E-05	2.830E-06
7.700E+03	7.756E-05	4.563E-01	2.147E-05	4.337E-23	3.170E-05	2.744E-02	2.557E-05	2.876E-06
7.800E+03	9.259E-05	4.604E-01	2.501E-05	8.827E-23	3.499E-05	2.518E-02	2.620E-05	2.923E-06
7.900E+03	1.076E-04	4.642E-01	2.899E-05	1.758E-22	3.857E-05	2.313E-02	2.677E-05	2.971E-06
8.000E+03	1.247E-04	4.678E-01	3.334E-05	3.430E-22	4.246E-05	2.127E-02	2.727E-05	3.020E-06
8.200E+03	1.668E-04	4.743E-01	4.352E-05	1.232E-21	5.126E-05	1.807E-02	2.810E-05	3.127E-06

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

Table II. - Continued.

P/P0 = 5.00E+02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.910E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.110E-41	7.110E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.296E-29	2.434E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	6.170E-22	6.503E-49	1.000E+00	0.	5.000E+02
7.736E-82	7.843E-83	0.	0.	5.217E-17	1.031E-40	1.000E+00	0.	6.000E+02
5.776E-68	7.067E-70	0.	0.	1.826E-13	8.909E-35	1.000E+00	1.765E-94	7.000E+02
8.396E-58	1.195E-60	0.	0.	6.231E-11	1.075E-30	1.000E+00	1.089E-79	8.000E+02
7.569E-51	2.263E-55	0.	0.	1.937E-09	5.996E-29	1.000E+00	4.330E-70	9.000E+02
1.826E-45	1.632E-51	0.	3.734E-90	2.444E-08	7.927E-28	1.000E+00	8.930E-53	1.000E+03
4.544E-41	2.256E-48	0.	6.368E-80	1.918E-07	6.345E-27	1.000E+00	8.277E-57	1.100E+03
2.096E-37	9.371E-46	0.	2.141E-71	1.064E-06	3.584E-26	1.000E+00	7.741E-52	1.200E+03
2.646E-34	1.547E-43	0.	3.511E-64	4.528E-06	1.552E-25	1.000E+00	1.245E-47	1.300E+03
1.207E-31	1.236E-41	0.	5.361E-58	1.563E-05	5.450E-25	1.000E+00	5.022E-44	1.400E+03
2.437E-29	5.528E-40	2.564E-95	1.225E-52	4.568E-05	1.620E-24	9.999E-01	6.698E-41	1.500E+03
2.537E-27	1.541E-38	1.091E-91	5.987E-48	1.166E-04	4.202E-24	9.998E-01	3.635E-38	1.600E+03
1.531E-25	2.915E-37	1.745E-88	8.205E-44	2.650E-04	9.748E-24	9.996E-01	9.406E-36	1.700E+03
5.861E-24	4.019E-35	1.255E-85	3.867E-40	5.531E-04	2.077E-23	9.992E-01	1.313E-33	1.800E+03
1.530E-22	7.142E-35	1.304E-82	4.408E-37	1.053E-03	6.906E-23	9.984E-01	1.090E-31	1.900E+03
2.884E-21	3.797E-33	1.077E-78	6.235E-35	1.913E-03	8.170E-22	9.971E-01	5.814E-30	2.000E+03
4.111E-20	1.893E-31	7.042E-75	4.025E-33	3.248E-03	1.039E-20	9.951E-01	2.124E-28	2.100E+03
4.604E-19	6.845E-30	2.223E-71	1.718E-31	5.250E-03	1.085E-19	9.921E-01	5.592E-27	2.200E+03
4.179E-18	1.826E-28	3.528E-68	5.259E-30	8.123E-03	9.265E-19	9.878E-01	1.107E-25	2.300E+03
3.157E-17	3.710E-27	3.044E-65	1.207E-28	1.210E-02	6.642E-18	9.818E-01	1.709E-24	2.400E+03
2.028E-16	5.910E-26	1.535E-62	2.152E-27	1.741E-02	4.060E-17	9.739E-01	2.115E-23	2.500E+03
1.129E-15	7.679E-25	4.789E-60	3.067E-26	2.431E-02	2.157E-16	9.635E-01	2.157E-22	2.600E+03
5.528E-15	8.226E-24	9.859E-58	3.583E-25	3.301E-02	1.011E-15	9.504E-01	1.848E-21	2.700E+03
2.410E-14	7.444E-23	1.385E-55	3.504E-24	4.372E-02	4.236E-15	9.342E-01	1.356E-20	2.800E+03
9.526E-14	5.771E-22	1.387E-53	2.921E-23	5.658E-02	1.605E-14	9.148E-01	8.651E-20	2.900E+03
3.416E-13	3.927E-21	1.023E-51	2.109E-22	7.170E-02	5.548E-14	8.920E-01	4.866E-19	3.000E+03
1.132E-12	2.355E-20	5.723E-50	1.336E-21	8.910E-02	1.766E-13	8.656E-01	2.442E-18	3.100E+03
3.458E-12	1.265E-19	2.494E-48	7.523E-21	1.087E-01	5.209E-13	8.353E-01	1.104E-17	3.200E+03
9.914E-12	6.113E-19	8.656E-47	3.802E-20	1.304E-01	1.435E-12	8.028E-01	4.543E-17	3.300E+03
2.660E-11	2.697E-18	2.442E-45	1.741E-19	1.540E-01	3.592E-12	7.567E-01	1.714E-15	3.400E+03
6.734E-11	1.093E-17	5.683E-44	7.286E-19	1.791E-01	9.047E-12	7.281E-01	5.970E-16	3.500E+03
1.616E-10	4.098E-17	1.115E-42	2.806E-18	2.054E-01	2.092E-11	6.875E-01	1.934E-15	3.600E+03
3.694E-10	1.430E-16	1.873E-41	1.001E-17	2.326E-01	4.606E-11	6.453E-01	5.856E-15	3.700E+03
8.069E-10	4.675E-16	2.708E-40	3.328E-17	2.601E-01	5.689E-11	6.022E-01	1.657E-14	3.800E+03
1.691E-09	1.438E-15	3.423E-39	1.036E-16	2.875E-01	1.955E-10	5.588E-01	4.483E-14	3.900E+03
3.409E-09	4.184E-15	3.816E-38	3.039E-16	3.145E-01	3.794E-10	5.157E-01	1.144E-13	4.000E+03
6.634E-09	1.154E-14	3.799E-37	8.425E-16	3.405E-01	7.105E-10	4.735E-01	2.779E-13	4.100E+03
1.249E-08	3.084E-14	3.397E-36	2.217E-15	3.654E-01	1.287E-09	4.325E-01	6.457E-13	4.200E+03
2.282E-08	7.687E-14	2.750E-35	5.561E-15	3.888E-01	2.262E-09	3.943E-01	1.439E-12	4.300E+03
4.052E-08	1.861E-13	2.036E-34	1.333E-14	4.105E-01	3.866E-09	3.561E-01	3.089E-12	4.400E+03
7.012E-08	4.342E-13	1.384E-33	3.065E-14	4.303E-01	5.435E-09	3.212E-01	6.399E-12	4.500E+03
1.184E-07	9.780E-13	8.688E-33	6.778E-14	4.482E-01	1.046E-08	2.887E-01	1.283E-11	4.600E+03
1.956E-07	2.133E-12	5.070E-32	1.445E-13	4.541E-01	1.552E-08	2.585E-01	2.498E-11	4.700E+03
3.165E-07	4.515E-12	2.763E-31	2.979E-13	4.780E-01	2.588E-08	2.310E-01	4.731E-11	4.800E+03
5.024E-07	9.296E-12	1.412E-30	5.950E-13	4.900E-01	3.955E-08	2.053E-01	8.755E-11	4.900E+03
7.834E-07	1.865E-11	6.802E-30	1.154E-12	5.002E-01	5.937E-08	1.830E-01	1.576E-10	5.000E+03
1.202E-06	3.653E-11	3.098E-29	2.176E-12	5.087E-01	8.768E-08	1.624E-01	2.783E-10	5.100E+03
1.815E-06	6.995E-11	1.339E-28	4.001E-12	5.156E-01	1.275E-07	1.439E-01	4.819E-10	5.200E+03
2.704E-06	1.312E-10	5.503E-28	7.181E-12	5.211E-01	1.830E-07	1.273E-01	8.195E-10	5.300E+03
3.975E-06	2.413E-10	2.144E-27	1.260E-11	5.253E-01	2.590E-07	1.126E-01	1.371E-09	5.400E+03
5.773E-06	4.371E-10	8.136E-27	2.167E-11	5.285E-01	3.622E-07	9.941E-02	2.258E-09	5.500E+03
8.290E-06	7.761E-10	2.935E-26	3.652E-11	5.304E-01	5.007E-07	8.775E-02	3.668E-09	5.600E+03
1.178E-05	1.356E-09	1.018E-25	6.048E-11	5.316E-01	6.847E-07	7.742E-02	5.882E-09	5.700E+03
1.657E-05	2.333E-09	2.400E-25	9.846E-11	5.321E-01	9.267E-07	6.831E-02	9.321E-09	5.800E+03
2.310E-05	3.954E-09	1.096E-24	1.578E-10	5.321E-01	1.242E-06	6.026E-02	1.461E-08	5.900E+03
3.192E-05	6.609E-09	3.412E-24	2.493E-10	5.315E-01	1.549E-06	5.218E-02	2.265E-08	6.000E+03
3.76E-05	1.090E-08	1.028E-23	3.878E-10	5.306E-01	2.170E-06	4.696E-02	3.481E-08	6.100E+03
5.952E-05	1.773E-08	2.997E-23	5.982E-10	5.295E-01	2.831E-06	4.149E-02	5.298E-08	6.200E+03
8.037E-05	2.847E-08	8.474E-23	9.102E-10	5.281E-01	3.661E-06	3.669E-02	7.997E-08	6.300E+03
1.078E-04	4.517E-08	2.324E-22	1.370E-09	5.265E-01	4.697E-06	3.247E-02	1.197E-07	6.400E+03
1.435E-04	7.077E-08	5.191E-22	2.042E-09	5.249E-01	5.976E-06	2.877E-02	1.778E-07	6.500E+03
1.899E-04	1.096E-07	1.602E-21	3.015E-09	5.233E-01	7.544E-06	2.553E-02	2.620E-07	6.600E+03
2.498E-04	1.676E-07	4.031E-21	4.414E-09	5.215E-01	9.449E-06	2.268E-02	3.832E-07	6.700E+03
3.265E-04	2.534E-07	9.868E-21	6.408E-09	5.199E-01	1.174E-05	2.018E-02	5.565E-07	6.800E+03
4.242E-04	3.788E-07	2.352E-20	9.232E-09	5.183E-01	1.449E-05	1.799E-02	8.022E-07	6.900E+03
5.481E-04	5.599E-07	5.463E-20	1.320E-08	5.167E-01	1.775E-05	1.606E-02	1.148E-06	7.000E+03
7.042E-04	8.186E-07	1.237E-19	1.875E-08	5.151E-01	2.159E-05	1.436E-02	1.532E-06	7.100E+03
8.996E-04	1.184E-06	2.733E-19	2.644E-08	5.135E-01	2.607E-05	1.286E-02	2.303E-06	7.200E+03
1.143E-03	1.554E-06	5.897E-19	3.705E-08	5.120E-01	3.127E-05	1.154E-02	3.228E-06	7.300E+03
1.445E-03	2.399E-06	1.243E-18	5.158E-08	5.104E-01	3.727E-05	1.038E-02	4.491E-06	7.400E+03
1.816E-03	3.364E-06	2.563E-18	7.136E-08	5.089E-01	4.415E-05	9.348E-03	6.205E-06	7.500E+03
2.271E-03	4.670E-06	5.170E-18	9.812E-08	5.072E-01	5.196E-05	8.435E-03	8.511E-06	7.600E+03
2.825E-03	6.421E-06	1.021E-17	1.341E-07	5.055E-01	6.080E-05	7.623E-03	1.159E-05	7.700E+03
3.495E-03	8.745E-06	1.977E-17	1.821E-07	5.037E-01	7.074E-05	6.902E-03	1.567E-05	7.800E+03
4.303E-03	1.180E-05	3.752E-17	2.459E-07	5.018E-01	8.183E-05	6.259E-03	2.104E-05	7.900E+03
5.270E-03	1.579E-05	6.988E-17	3.300E-07	4.997E-01	9.415E-05	5.685E-03	2.803E-05	8.000E+03
7.782E-03	2.750E-05	2.294E-16	5.836E-07	4.947E-01	1.227E-04	4.710E-03	4.864E-05	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	2.215E-04	4.804E-01	5.579E-05	4.117E-21	6.162E-05	1.546E-02	2.873E-05	3.246E-06
8.600E+03	2.920E-04	4.863E-01	7.038E-05	1.289E-20	7.378E-05	1.332E-02	2.922E-05	3.379E-06
8.800E+03	3.822E-04	4.923E-01	8.758E-05	3.803E-20	8.801E-05	1.157E-02	2.962E-05	3.529E-06
9.000E+03	4.964E-04	4.987E-01	1.078E-04	1.044E-19	1.046E-04	1.013E-02	2.999E-05	3.698E-06
9.200E+03	6.395E-04	5.056E-01	1.314E-04	2.840E-19	1.237E-04	8.948E-03	3.039E-05	3.886E-06
9.400E+03	8.165E-04	5.133E-01	1.590E-04	7.273E-19	1.457E-04	7.973E-03	3.086E-05	4.092E-06
9.600E+03	1.033E-03	5.216E-01	1.913E-04	1.795E-18	1.707E-04	7.184E-03	3.145E-05	4.312E-06
9.800E+03	1.293E-03	5.306E-01	2.293E-04	4.291E-18	1.986E-04	6.485E-03	3.219E-05	4.543E-06
1.000E+04	1.603E-03	5.402E-01	2.738E-04	9.965E-18	2.295E-04	5.910E-03	3.309E-05	4.776E-06
1.020E+04	1.966E-03	5.501E-01	3.262E-04	2.256E-17	2.632E-04	5.415E-03	3.416E-05	5.006E-06
1.040E+04	2.387E-03	5.601E-01	3.875E-04	4.979E-17	2.993E-04	4.984E-03	3.539E-05	5.225E-06
1.060E+04	2.868E-03	5.700E-01	4.593E-04	1.075E-16	3.374E-04	4.602E-03	3.677E-05	5.425E-06
1.080E+04	3.414E-03	5.795E-01	5.428E-04	2.273E-16	3.772E-04	4.259E-03	3.827E-05	5.599E-06
1.100E+04	4.027E-03	5.884E-01	6.398E-04	4.707E-16	4.182E-04	3.947E-03	3.988E-05	5.743E-06
1.120E+04	4.709E-03	5.967E-01	7.517E-04	9.553E-16	4.599E-04	3.661E-03	4.158E-05	5.853E-06
1.140E+04	5.463E-03	6.041E-01	8.804E-04	1.902E-15	5.019E-04	3.397E-03	4.335E-05	5.929E-06
1.160E+04	6.293E-03	6.106E-01	1.028E-03	3.714E-15	5.437E-04	3.153E-03	4.517E-05	5.971E-06
1.180E+04	7.199E-03	6.164E-01	1.195E-03	7.122E-15	5.852E-04	2.927E-03	4.704E-05	5.980E-06
1.200E+04	8.185E-03	6.212E-01	1.385E-03	1.341E-14	6.260E-04	2.717E-03	4.893E-05	5.959E-06
1.220E+04	9.254E-03	6.253E-01	1.599E-03	2.482E-14	6.660E-04	2.523E-03	5.084E-05	5.913E-06
1.240E+04	1.041E-02	6.286E-01	1.841E-03	4.515E-14	7.050E-04	2.343E-03	5.276E-05	5.844E-06
1.260E+04	1.165E-02	6.312E-01	2.111E-03	8.077E-14	7.430E-04	2.177E-03	5.469E-05	5.756E-06
1.280E+04	1.298E-02	6.333E-01	2.412E-03	1.422E-13	7.798E-04	2.024E-03	5.663E-05	5.652E-06
1.300E+04	1.441E-02	6.347E-01	2.747E-03	2.465E-13	8.154E-04	1.882E-03	5.857E-05	5.537E-06
1.320E+04	1.593E-02	6.357E-01	3.118E-03	4.210E-13	8.498E-04	1.752E-03	6.051E-05	5.411E-06
1.340E+04	1.756E-02	6.363E-01	3.528E-03	7.085E-13	8.830E-04	1.631E-03	6.244E-05	5.278E-06
1.360E+04	1.928E-02	6.364E-01	3.979E-03	1.176E-12	9.149E-04	1.520E-03	6.438E-05	5.139E-06
1.380E+04	2.111E-02	6.362E-01	4.475E-03	1.926E-12	9.455E-04	1.418E-03	6.630E-05	4.997E-06
1.400E+04	2.305E-02	6.356E-01	5.018E-03	3.112E-12	9.749E-04	1.324E-03	6.821E-05	4.852E-06
1.420E+04	2.510E-02	6.347E-01	5.611E-03	4.967E-12	1.003E-03	1.237E-03	7.012E-05	4.706E-06
1.440E+04	2.726E-02	6.336E-01	6.258E-03	7.833E-12	1.030E-03	1.156E-03	7.200E-05	4.559E-06
1.460E+04	2.953E-02	6.322E-01	6.960E-03	1.221E-11	1.055E-03	1.082E-03	7.387E-05	4.412E-06
1.480E+04	3.191E-02	6.305E-01	7.721E-03	1.882E-11	1.079E-03	1.013E-03	7.573E-05	4.267E-06
1.500E+04	3.441E-02	6.287E-01	8.544E-03	2.870E-11	1.102E-03	9.490E-04	7.755E-05	4.122E-06
1.520E+04	3.703E-02	6.265E-01	9.432E-03	4.331E-11	1.123E-03	8.888E-04	7.935E-05	3.979E-06
1.540E+04	3.977E-02	6.242E-01	1.039E-02	6.470E-11	1.143E-03	8.348E-04	8.112E-05	3.838E-06
1.560E+04	4.262E-02	6.217E-01	1.141E-02	9.573E-11	1.162E-03	7.837E-04	8.285E-05	3.699E-06
1.580E+04	4.560E-02	6.190E-01	1.252E-02	1.403E-10	1.179E-03	7.360E-04	8.454E-05	3.562E-06
1.600E+04	4.869E-02	6.160E-01	1.369E-02	2.039E-10	1.194E-03	6.917E-04	8.619E-05	3.428E-06
1.620E+04	5.190E-02	6.129E-01	1.495E-02	2.936E-10	1.208E-03	6.502E-04	8.780E-05	3.296E-06
1.640E+04	5.523E-02	6.096E-01	1.629E-02	4.193E-10	1.221E-03	6.115E-04	8.935E-05	3.167E-06
1.660E+04	5.868E-02	6.061E-01	1.772E-02	5.941E-10	1.232E-03	5.753E-04	9.084E-05	3.041E-06
1.680E+04	6.224E-02	6.024E-01	1.923E-02	8.351E-10	1.241E-03	5.414E-04	9.227E-05	2.917E-06
1.700E+04	6.592E-02	5.985E-01	2.084E-02	1.165E-09	1.250E-03	5.096E-04	9.363E-05	2.796E-06
1.720E+04	6.971E-02	5.944E-01	2.253E-02	1.613E-09	1.256E-03	4.798E-04	9.493E-05	2.678E-06
1.740E+04	7.362E-02	5.902E-01	2.433E-02	2.218E-09	1.261E-03	4.518E-04	9.614E-05	2.563E-06
1.760E+04	7.764E-02	5.858E-01	2.621E-02	3.029E-09	1.265E-03	4.254E-04	9.728E-05	2.450E-06
1.780E+04	8.176E-02	5.811E-01	2.820E-02	4.110E-09	1.267E-03	4.006E-04	9.834E-05	2.341E-06
1.800E+04	8.599E-02	5.763E-01	3.029E-02	5.540E-09	1.267E-03	3.773E-04	9.930E-05	2.235E-06
1.820E+04	9.033E-02	5.714E-01	3.247E-02	7.420E-09	1.266E-03	3.553E-04	1.002E-04	2.131E-06
1.840E+04	9.476E-02	5.662E-01	3.476E-02	9.879E-09	1.264E-03	3.345E-04	1.009E-04	2.030E-06
1.860E+04	9.930E-02	5.609E-01	3.715E-02	1.308E-08	1.260E-03	3.149E-04	1.016E-04	1.933E-06
1.880E+04	1.039E-01	5.554E-01	3.965E-02	1.721E-08	1.255E-03	2.964E-04	1.022E-04	1.838E-06
1.900E+04	1.086E-01	5.497E-01	4.225E-02	2.252E-08	1.248E-03	2.790E-04	1.026E-04	1.746E-06
1.920E+04	1.135E-01	5.439E-01	4.495E-02	2.932E-08	1.240E-03	2.625E-04	1.030E-04	1.658E-06
1.940E+04	1.183E-01	5.379E-01	4.775E-02	3.796E-08	1.231E-03	2.469E-04	1.032E-04	1.572E-06
1.960E+04	1.233E-01	5.317E-01	5.066E-02	4.891E-08	1.221E-03	2.321E-04	1.034E-04	1.489E-06
1.980E+04	1.284E-01	5.254E-01	5.366E-02	6.269E-08	1.209E-03	2.182E-04	1.034E-04	1.409E-06
2.000E+04	1.335E-01	5.190E-01	5.677E-02	7.998E-08	1.196E-03	2.050E-04	1.033E-04	1.332E-06
2.020E+04	1.387E-01	5.123E-01	5.997E-02	1.016E-07	1.182E-03	1.925E-04	1.030E-04	1.258E-06
2.040E+04	1.439E-01	5.056E-01	6.326E-02	1.284E-07	1.167E-03	1.807E-04	1.027E-04	1.186E-06
2.060E+04	1.492E-01	4.987E-01	6.665E-02	1.615E-07	1.151E-03	1.696E-04	1.022E-04	1.118E-06
2.080E+04	1.546E-01	4.917E-01	7.013E-02	2.024E-07	1.134E-03	1.590E-04	1.017E-04	1.052E-06
2.100E+04	1.600E-01	4.846E-01	7.369E-02	2.525E-07	1.116E-03	1.491E-04	1.010E-04	9.894E-07
2.120E+04	1.655E-01	4.774E-01	7.734E-02	3.138E-07	1.097E-03	1.396E-04	1.002E-04	9.292E-07
2.140E+04	1.710E-01	4.700E-01	8.106E-02	3.883E-07	1.078E-03	1.307E-04	9.928E-05	8.716E-07
2.160E+04	1.765E-01	4.626E-01	8.486E-02	4.787E-07	1.058E-03	1.223E-04	9.826E-05	8.168E-07
2.180E+04	1.821E-01	4.550E-01	8.872E-02	5.878E-07	1.037E-03	1.144E-04	9.715E-05	7.645E-07
2.200E+04	1.877E-01	4.474E-01	9.266E-02	7.192E-07	1.015E-03	1.069E-04	9.593E-05	7.147E-07
2.220E+04	1.933E-01	4.397E-01	9.665E-02	8.767E-07	9.932E-04	9.985E-05	9.462E-05	6.674E-07
2.240E+04	1.989E-01	4.320E-01	1.007E-01	1.065E-06	9.706E-04	9.319E-05	9.322E-05	6.225E-07
2.260E+04	2.046E-01	4.242E-01	1.048E-01	1.289E-06	9.477E-04	8.602E-05	9.173E-05	5.800E-07
2.280E+04	2.102E-01	4.163E-01	1.089E-01	1.555E-06	9.244E-04	8.101E-05	9.016E-05	5.398E-07
2.300E+04	2.159E-01	4.084E-01	1.131E-01	1.870E-06	9.008E-04	7.546E-05	8.852E-05	5.018E-07
2.320E+04	2.215E-01	4.005E-01	1.173E-01	2.242E-06	8.770E-04	6.881E-05	8.681E-05	4.659E-07
2.340E+04	2.271E-01	3.925E-01	1.216E-01	2.679E-06	8.530E-04	6.333E-05	8.504E-05	4.321E-07
2.360E+04	2.327E-01	3.846E-01	1.258E-01	3.191E-06	8.289E-04	6.073E-05	8.321E-05	4.003E-07
2.380E+04	2.383E-01	3.766E-01	1.301E-01	3.791E-06	8.048E-04	5.641E-05	8.133E-05	3.704E-07
2.400E+04	2.438E-01	3.686E-01	1.344E-01	4.489E-06	7.806E-04	5.238E-05	7.941E-05	3.424E-07
2.420E+04	2.494E-01	3.607E-01	1.387E-01	5.301E-06	7.566E-04	4.857E-05	7.744E-05	3.162E-07
2.440E+04	2.548E-01	3.528E-01	1.430E-01	6.243E-06	7.326E-04	4.502E-05	7.545E-05	2.916E-07
2.460E+04	2.603E-01	3.449E-01	1.473E-01	7.333E-06	7.088E-04	4.170E-05	7.344E-05	2.687E-07
2.480E+04	2.657E-01	3.371E-01	1.516E-01	8.589E-06	6.852E-04	3.860E-05	7.140E-05	2.473E-07
2.500E+04	2.710E-01	3.293E-01	1.558E-01	1.004E-05	6.618E-04	3.571E-05	6.935E-05	2.274E-07

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.126E-02	4.631E-05	7.023E-16	1.007E-06	4.884E-01	1.565E-04	3.922E-03	8.179E-05	8.400E+03
1.594E-02	7.342E-05	2.014E-15	1.696E-06	4.803E-01	1.959E-04	3.279E-03	1.331E-04	8.600E+03
2.208E-02	1.189E-04	5.428E-15	2.782E-06	4.702E-01	2.404E-04	2.750E-03	2.093E-04	8.800E+03
2.991E-02	1.818E-04	1.381E-14	4.442E-06	4.575E-01	2.896E-04	2.311E-03	3.174E-04	9.000E+03
3.961E-02	2.697E-04	3.326E-14	6.895E-06	4.419E-01	3.426E-04	1.942E-03	4.635E-04	9.200E+03
5.124E-02	3.885E-04	7.619E-14	1.039E-05	4.233E-01	3.984E-04	1.631E-03	6.508E-04	9.400E+03
6.475E-02	5.446E-04	1.666E-13	1.519E-05	4.018E-01	4.556E-04	1.367E-03	8.781E-04	9.600E+03
7.996E-02	7.436E-04	3.491E-13	2.155E-05	3.776E-01	5.128E-04	1.139E-03	1.139E-03	9.800E+03
9.655E-02	9.911E-04	7.034E-13	2.963E-05	3.512E-01	5.687E-04	9.489E-04	1.420E-03	1.000E+04
1.141E-01	1.291E-03	1.368E-12	3.956E-05	3.233E-01	6.219E-04	7.846E-04	1.706E-03	1.020E+04
1.321E-01	1.648E-03	2.574E-12	5.132E-05	2.947E-01	6.711E-04	6.451E-04	1.979E-03	1.040E+04
1.501E-01	2.064E-03	4.701E-12	6.481E-05	2.660E-01	7.154E-04	5.272E-04	2.222E-03	1.060E+04
1.677E-01	2.541E-03	8.354E-12	7.984E-05	2.379E-01	7.541E-04	4.282E-04	2.422E-03	1.080E+04
1.844E-01	3.080E-03	1.448E-11	9.612E-05	2.112E-01	7.866E-04	3.459E-04	2.571E-03	1.100E+04
2.001E-01	3.682E-03	2.451E-11	1.133E-04	1.861E-01	8.129E-04	2.781E-04	2.665E-03	1.120E+04
2.144E-01	4.346E-03	4.061E-11	1.312E-04	1.630E-01	8.331E-04	2.226E-04	2.707E-03	1.140E+04
2.272E-01	5.071E-03	6.395E-11	1.493E-04	1.421E-01	8.475E-04	1.775E-04	2.701E-03	1.160E+04
2.386E-01	5.859E-03	1.052E-10	1.675E-04	1.235E-01	8.565E-04	1.413E-04	2.654E-03	1.180E+04
2.484E-01	6.708E-03	1.648E-10	1.855E-04	1.061E-01	8.608E-04	1.123E-04	2.574E-03	1.200E+04
2.569E-01	7.617E-03	2.541E-10	2.031E-04	9.245E-02	8.609E-04	8.913E-05	2.470E-03	1.220E+04
2.641E-01	8.588E-03	3.859E-10	2.201E-04	7.985E-02	8.575E-04	7.077E-05	2.348E-03	1.240E+04
2.701E-01	9.618E-03	5.778E-10	2.365E-04	6.894E-02	8.512E-04	5.624E-05	2.216E-03	1.260E+04
2.750E-01	1.071E-02	8.536E-10	2.522E-04	5.953E-02	8.424E-04	4.475E-05	2.078E-03	1.280E+04
2.790E-01	1.186E-02	1.245E-09	2.671E-04	5.145E-02	8.316E-04	3.568E-05	1.940E-03	1.300E+04
2.820E-01	1.307E-02	1.795E-09	2.812E-04	4.452E-02	8.193E-04	2.850E-05	1.803E-03	1.320E+04
2.844E-01	1.434E-02	2.539E-09	2.945E-04	3.858E-02	8.058E-04	2.283E-05	1.670E-03	1.340E+04
2.860E-01	1.567E-02	3.608E-09	3.069E-04	3.349E-02	7.913E-04	1.834E-05	1.543E-03	1.360E+04
2.871E-01	1.706E-02	5.037E-09	3.185E-04	2.912E-02	7.761E-04	1.477E-05	1.422E-03	1.380E+04
2.877E-01	1.851E-02	6.964E-09	3.253E-04	2.538E-02	7.604E-04	1.193E-05	1.309E-03	1.400E+04
2.878E-01	2.002E-02	9.539E-09	3.392E-04	2.216E-02	7.443E-04	9.570E-06	1.203E-03	1.420E+04
2.875E-01	2.158E-02	1.295E-08	3.483E-04	1.940E-02	7.279E-04	7.860E-06	1.104E-03	1.440E+04
2.868E-01	2.320E-02	1.744E-08	3.566E-04	1.701E-02	7.114E-04	6.407E-06	1.013E-03	1.460E+04
2.858E-01	2.487E-02	2.330E-08	3.641E-04	1.495E-02	6.948E-04	5.239E-06	9.279E-04	1.480E+04
2.846E-01	2.659E-02	3.088E-08	3.708E-04	1.317E-02	6.781E-04	4.296E-06	8.499E-04	1.500E+04
2.831E-01	2.836E-02	4.063E-08	3.767E-04	1.162E-02	6.615E-04	3.532E-06	7.780E-04	1.520E+04
2.813E-01	3.018E-02	5.308E-08	3.818E-04	1.028E-02	6.449E-04	2.912E-06	7.118E-04	1.540E+04
2.794E-01	3.205E-02	6.888E-08	3.861E-04	9.108E-03	6.284E-04	2.407E-06	6.510E-04	1.560E+04
2.773E-01	3.396E-02	8.880E-08	3.896E-04	8.086E-03	6.120E-04	1.995E-06	5.952E-04	1.580E+04
2.750E-01	3.590E-02	1.137E-07	3.924E-04	7.191E-03	5.957E-04	1.657E-06	5.440E-04	1.600E+04
2.725E-01	3.789E-02	1.448E-07	3.945E-04	6.406E-03	5.796E-04	1.380E-06	4.970E-04	1.620E+04
2.699E-01	3.990E-02	1.833E-07	3.958E-04	5.717E-03	5.635E-04	1.151E-06	4.540E-04	1.640E+04
2.672E-01	4.195E-02	2.308E-07	3.964E-04	5.109E-03	5.476E-04	9.622E-07	4.145E-04	1.660E+04
2.643E-01	4.403E-02	2.889E-07	3.964E-04	4.573E-03	5.319E-04	8.059E-07	3.784E-04	1.680E+04
2.614E-01	4.612E-02	3.598E-07	3.956E-04	4.098E-03	5.163E-04	6.762E-07	3.453E-04	1.700E+04
2.583E-01	4.824E-02	4.458E-07	3.943E-04	3.678E-03	5.009E-04	5.583E-07	3.150E-04	1.720E+04
2.552E-01	5.037E-02	5.497E-07	3.923E-04	3.305E-03	4.857E-04	4.784E-07	2.872E-04	1.740E+04
2.520E-01	5.251E-02	6.746E-07	3.897E-04	2.973E-03	4.707E-04	4.033E-07	2.618E-04	1.760E+04
2.487E-01	5.466E-02	8.241E-07	3.866E-04	2.677E-03	4.558E-04	3.405E-07	2.386E-04	1.780E+04
2.454E-01	5.682E-02	1.002E-06	3.829E-04	2.413E-03	4.411E-04	2.878E-07	2.174E-04	1.800E+04
2.420E-01	5.897E-02	1.214E-06	3.787E-04	2.177E-03	4.267E-04	2.435E-07	1.979E-04	1.820E+04
2.385E-01	6.112E-02	1.464E-06	3.740E-04	1.966E-03	4.124E-04	2.063E-07	1.802E-04	1.840E+04
2.350E-01	6.327E-02	1.758E-06	3.689E-04	1.776E-03	3.984E-04	1.750E-07	1.640E-04	1.860E+04
2.315E-01	6.540E-02	2.104E-06	3.634E-04	1.607E-03	3.846E-04	1.485E-07	1.492E-04	1.880E+04
2.279E-01	6.752E-02	2.508E-06	3.576E-04	1.454E-03	3.710E-04	1.262E-07	1.357E-04	1.900E+04
2.243E-01	6.963E-02	2.978E-06	3.513E-04	1.316E-03	3.577E-04	1.073E-07	1.233E-04	1.920E+04
2.207E-01	7.171E-02	3.525E-06	3.448E-04	1.193E-03	3.446E-04	9.125E-08	1.121E-04	1.940E+04
2.171E-01	7.378E-02	4.157E-06	3.380E-04	1.081E-03	3.318E-04	7.769E-08	1.018E-04	1.960E+04
2.135E-01	7.581E-02	4.887E-06	3.309E-04	9.804E-04	3.192E-04	6.617E-08	9.243E-05	1.980E+04
2.099E-01	7.782E-02	5.727E-06	3.236E-04	8.894E-04	3.069E-04	5.639E-08	8.391E-05	2.000E+04
2.062E-01	7.980E-02	6.690E-06	3.162E-04	8.072E-04	2.949E-04	4.808E-08	7.615E-05	2.020E+04
2.026E-01	8.175E-02	7.791E-06	3.085E-04	7.328E-04	2.831E-04	4.101E-08	6.908E-05	2.040E+04
1.990E-01	8.366E-02	9.047E-06	3.008E-04	6.654E-04	2.717E-04	3.499E-08	6.265E-05	2.060E+04
1.954E-01	8.553E-02	1.048E-05	2.929E-04	6.044E-04	2.605E-04	2.986E-08	5.680E-05	2.080E+04
1.918E-01	8.737E-02	1.210E-05	2.850E-04	5.491E-04	2.496E-04	2.549E-08	5.148E-05	2.100E+04
1.882E-01	8.917E-02	1.393E-05	2.770E-04	4.989E-04	2.390E-04	2.175E-08	4.665E-05	2.120E+04
1.847E-01	9.093E-02	1.601E-05	2.690E-04	4.534E-04	2.287E-04	1.858E-08	4.226E-05	2.140E+04
1.811E-01	9.265E-02	1.834E-05	2.610E-04	4.121E-04	2.187E-04	1.587E-08	3.827E-05	2.160E+04
1.775E-01	9.433E-02	2.097E-05	2.529E-04	3.746E-04	2.090E-04	1.356E-08	3.465E-05	2.180E+04
1.742E-01	9.596E-02	2.392E-05	2.450E-04	3.405E-04	1.996E-04	1.158E-08	3.137E-05	2.200E+04
1.708E-01	9.756E-02	2.722E-05	2.371E-04	3.096E-04	1.905E-04	9.892E-09	2.839E-05	2.220E+04
1.674E-01	9.911E-02	3.091E-05	2.292E-04	2.814E-04	1.818E-04	8.450E-09	2.569E-05	2.240E+04
1.640E-01	1.006E-01	3.502E-05	2.214E-04	2.559E-04	1.733E-04	7.218E-09	2.324E-05	2.260E+04
1.607E-01	1.021E-01	3.963E-05	2.138E-04	2.326E-04	1.651E-04	6.165E-09	2.102E-05	2.280E+04
1.574E-01	1.035E-01	4.469E-05	2.062E-04	2.115E-04	1.572E-04	5.266E-09	1.902E-05	2.300E+04
1.542E-01	1.049E-01	5.034E-05	1.988E-04	1.923E-04	1.496E-04	4.498E-09	1.720E-05	2.320E+04
1.510E-01	1.062E-01	5.639E-05	1.915E-04	1.748E-04	1.423E-04	3.841E-09	1.555E-05	2.340E+04
1.478E-01	1.075E-01	6.351E-05	1.844E-04	1.589E-04	1.352E-04	3.280E-09	1.406E-05	2.360E+04
1.447E-01	1.088E-01	7.115E-05	1.774E-04	1.444E-04	1.285E-04	2.801E-09	1.271E-05	2.380E+04
1.417E-01	1.100E-01	7.957E-05	1.705E-04	1.313E-04	1.220E-04	2.391E-09	1.149E-05	2.400E+04
1.387E-01	1.112E-01	8.885E-05	1.638E-04	1.193E-04	1.158E-04	2.041E-09	1.039E-05	2.420E+04
1.357E-01	1.123E-01	9.904E-05	1.573E-04	1.085E-04	1.098E-04	1.742E-09	9.394E-06	2.440E+04
1.328E-01	1.134E-01	1.102E-04	1.510E-04	9.857E-05	1.041E-04	1.487E-09	8.493E-06	2.460E+04
1.299E-01	1.145E-01	1.225E-04	1.448E-04	8.958E-05	9.870E-05	1.269E-09	7.678E-06	2.480E+04
1.271E-01	1.155E-01	1.363E-04	1.389E-04	8.140E-05	9.350E-05	1.083E-09	6.941E-06	2.500E+04



Table II. - Continued.

P/PO = 6.00E+02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.482E-11	1.760E-18	0.
2.000E+02	0.	3.028E-49	0.	0.	0.	4.883E-11	1.760E-18	0.
3.000E+02	0.	1.323E-47	1.412E-81	0.	0.	4.644E-11	1.760E-18	0.
4.000E+02	0.	1.011E-36	3.342E-64	0.	0.	5.216E-11	1.760E-18	0.
5.000E+02	0.	3.292E-30	9.984E-54	0.	0.	4.774E-11	1.760E-18	0.
6.000E+02	0.	7.828E-26	9.309E-47	0.	0.	5.038E-11	1.760E-18	0.
7.000E+02	7.304E-82	1.002E-22	9.537E-42	0.	1.394E-91	4.664E-11	1.760E-18	6.055E-83
8.000E+02	1.165E-70	2.855E-20	4.189E-38	0.	2.144E-79	7.652E-11	1.760E-18	1.451E-72
9.000E+02	5.299E-61	6.811E-18	9.855E-34	0.	1.615E-68	9.583E-10	1.760E-18	1.247E-62
1.000E+03	4.622E-53	6.898E-16	6.197E-34	0.	1.640E-59	1.154E-08	1.760E-18	2.808E-54
1.100E+03	1.514E-46	3.060E-14	1.825E-32	0.	3.971E-52	9.028E-08	1.760E-18	1.996E-47
1.200E+03	4.136E-41	7.234E-13	3.070E-31	0.	5.658E-46	5.008E-07	1.760E-18	1.022E-41
1.300E+03	1.672E-36	1.053E-11	3.358E-30	0.	9.103E-41	2.130E-06	1.760E-18	6.900E-37
1.400E+03	1.503E-32	1.046E-10	2.618E-25	0.	2.638E-36	7.356E-06	1.760E-18	9.476E-33
1.500E+03	4.051E-29	7.657E-10	1.557E-28	0.	1.940E-32	2.149E-05	1.760E-18	3.641E-29
1.600E+03	4.103E-26	4.373E-09	7.424E-28	0.	4.683E-29	5.484E-05	1.760E-18	4.971E-26
1.700E+03	1.854E-23	2.035E-08	2.952E-27	0.	4.515E-26	1.251E-04	1.760E-18	2.894E-23
1.800E+03	4.247E-21	7.987E-08	1.013E-26	0.	2.012E-23	2.602E-04	1.772E-18	8.223E-21
1.900E+03	3.402E-19	2.714E-07	4.992E-26	0.	2.901E-21	5.002E-04	2.895E-18	7.919E-19
2.000E+03	4.381E-18	8.162E-07	8.445E-25	0.	6.301E-20	8.996E-04	1.815E-17	1.194E-17
2.100E+03	3.178E-17	2.210E-06	1.527E-23	0.	7.290E-19	1.528E-03	1.335E-16	9.923E-17
2.200E+03	1.865E-16	5.462E-06	2.201E-22	2.469E-87	6.502E-18	2.468E-03	8.487E-16	6.540E-16
2.300E+03	9.369E-16	1.247E-05	2.537E-21	1.985E-83	4.760E-17	3.818E-03	4.614E-15	3.628E-15
2.400E+03	4.123E-15	2.857E-05	2.386E-20	7.572E-80	2.943E-16	5.682E-03	2.178E-14	1.737E-14
2.500E+03	1.615E-14	5.324E-05	1.875E-19	1.497E-76	1.569E-15	8.174E-03	9.074E-14	7.306E-14
2.600E+03	5.712E-14	1.010E-04	1.261E-18	1.655E-73	7.332E-15	1.140E-02	3.382E-13	2.740E-13
2.700E+03	1.843E-13	1.825E-04	7.353E-18	1.090E-70	3.049E-14	1.547E-02	1.141E-12	9.274E-13
2.800E+03	5.481E-13	3.156E-04	3.780E-17	4.518E-68	1.142E-13	2.046E-02	3.521E-12	2.863E-12
2.900E+03	1.515E-12	5.246E-04	1.735E-16	1.237E-65	3.892E-13	2.645E-02	1.002E-11	8.136E-12
3.000E+03	3.918E-12	8.413E-04	7.187E-16	2.332E-63	1.218E-12	3.346E-02	2.652E-11	2.144E-11
3.100E+03	9.544E-12	1.306E-03	2.714E-15	3.135E-61	3.530E-12	4.149E-02	6.567E-11	5.276E-11
3.200E+03	2.202E-11	1.967E-03	9.421E-15	3.104E-59	9.535E-12	5.050E-02	1.530E-10	1.219E-10
3.300E+03	4.834E-11	2.882E-03	3.029E-14	2.326E-57	2.415E-11	6.041E-02	3.371E-10	2.660E-10
3.400E+03	1.014E-10	4.117E-03	9.077E-14	1.352E-55	5.767E-11	7.109E-02	7.056E-10	5.501E-10
3.500E+03	2.040E-10	5.746E-03	2.551E-13	6.229E-54	1.304E-10	8.236E-02	1.409E-09	1.083E-09
3.600E+03	3.950E-10	7.847E-03	6.757E-13	2.320E-52	2.806E-10	9.403E-02	2.693E-09	2.038E-09
3.700E+03	7.383E-10	1.050E-02	1.695E-12	7.103E-51	5.763E-10	1.059E-01	4.943E-09	3.674E-09
3.800E+03	1.335E-09	1.379E-02	4.044E-12	1.816E-49	1.134E-09	1.176E-01	8.740E-09	6.366E-09
3.900E+03	2.342E-09	1.781E-02	9.212E-12	3.933E-48	2.143E-09	1.291E-01	1.492E-08	1.063E-08
4.000E+03	3.995E-09	2.261E-02	2.010E-11	7.303E-47	3.903E-09	1.400E-01	2.467E-08	1.715E-08
4.100E+03	6.635E-09	2.828E-02	4.215E-11	1.176E-45	6.865E-09	1.501E-01	3.957E-08	2.679E-08
4.200E+03	1.075E-08	3.486E-02	8.517E-11	1.660E-44	1.169E-08	1.503E-01	6.171E-08	4.058E-08
4.300E+03	1.702E-08	4.241E-02	1.663E-10	2.072E-43	1.930E-08	1.673E-01	9.376E-08	5.974E-08
4.400E+03	2.638E-08	5.095E-02	3.145E-10	2.307E-42	3.098E-08	1.740E-01	1.390E-07	8.562E-08
4.500E+03	4.005E-08	6.049E-02	5.773E-10	2.310E-41	4.842E-08	1.794E-01	2.014E-07	1.196E-07
4.600E+03	5.966E-08	7.103E-02	1.031E-09	2.093E-40	7.377E-08	1.834E-01	2.857E-07	1.632E-07
4.700E+03	8.728E-08	8.255E-02	1.792E-09	1.729E-39	1.098E-07	1.860E-01	3.972E-07	2.178E-07
4.800E+03	1.255E-07	9.500E-02	3.042E-09	1.309E-38	1.597E-07	1.871E-01	5.420E-07	2.844E-07
4.900E+03	1.777E-07	1.083E-01	5.048E-09	9.131E-38	2.275E-07	1.869E-01	7.266E-07	3.640E-07
5.000E+03	2.477E-07	1.224E-01	8.196E-09	5.901E-37	3.177E-07	1.854E-01	9.580E-07	4.571E-07
5.100E+03	3.405E-07	1.372E-01	1.304E-08	3.548E-36	4.354E-07	1.827E-01	1.244E-06	5.639E-07
5.200E+03	4.617E-07	1.527E-01	2.036E-08	1.993E-35	5.861E-07	1.789E-01	1.590E-06	6.838E-07
5.300E+03	6.180E-07	1.686E-01	3.122E-08	1.050E-34	7.759E-07	1.742E-01	2.005E-06	8.159E-07
5.400E+03	8.175E-07	1.848E-01	4.706E-08	5.20E-34	1.011E-06	1.686E-01	2.495E-06	9.589E-07
5.500E+03	1.069E-06	2.013E-01	6.979E-08	2.436E-33	1.298E-06	1.623E-01	3.066E-06	1.111E-06
5.600E+03	1.384E-06	2.179E-01	1.019E-07	1.079E-32	1.642E-06	1.554E-01	3.721E-06	1.270E-06
5.700E+03	1.773E-06	2.344E-01	1.467E-07	4.541E-32	2.051E-06	1.481E-01	4.465E-06	1.433E-06
5.800E+03	2.250E-06	2.508E-01	2.081E-07	1.818E-31	2.531E-06	1.405E-01	5.298E-06	1.597E-06
5.900E+03	2.831E-06	2.669E-01	2.912E-07	6.942E-31	3.086E-06	1.327E-01	6.219E-06	1.762E-06
6.000E+03	3.533E-06	2.826E-01	4.024E-07	2.533E-30	3.723E-06	1.248E-01	7.227E-06	1.923E-06
6.100E+03	4.376E-06	2.978E-01	5.490E-07	8.851E-30	4.446E-06	1.170E-01	8.316E-06	2.079E-06
6.200E+03	5.383E-06	3.124E-01	7.400E-07	2.966E-29	5.262E-06	1.092E-01	9.479E-06	2.228E-06
6.300E+03	6.580E-06	3.264E-01	9.860E-07	9.548E-29	6.174E-06	1.017E-01	1.071E-05	2.370E-06
6.400E+03	7.997E-06	3.397E-01	1.299E-06	2.957E-28	7.190E-06	9.441E-02	1.199E-05	2.503E-06
6.500E+03	9.667E-06	3.523E-01	1.692E-06	8.819E-28	8.314E-06	8.743E-02	1.331E-05	2.627E-06
6.600E+03	1.163E-05	3.641E-01	2.182E-06	2.537E-27	9.553E-06	8.078E-02	1.466E-05	2.741E-06
6.700E+03	1.393E-05	3.751E-01	2.784E-06	7.050E-27	1.091E-05	7.450E-02	1.601E-05	2.847E-06
6.800E+03	1.662E-05	3.854E-01	3.517E-06	1.894E-26	1.241E-05	6.880E-02	1.737E-05	2.945E-06
6.900E+03	1.976E-05	3.950E-01	4.401E-06	4.926E-26	1.404E-05	6.309E-02	1.871E-05	3.036E-06
7.000E+03	2.342E-05	4.038E-01	5.457E-06	1.242E-25	1.582E-05	5.797E-02	2.002E-05	3.119E-06
7.100E+03	2.767E-05	4.120E-01	6.707E-06	3.036E-25	1.777E-05	5.322E-02	2.128E-05	3.198E-06
7.200E+03	3.261E-05	4.195E-01	8.172E-06	7.212E-25	1.988E-05	4.885E-02	2.250E-05	3.271E-06
7.300E+03	3.832E-05	4.264E-01	9.878E-06	1.666E-24	2.219E-05	4.482E-02	2.365E-05	3.341E-06
7.400E+03	4.493E-05	4.327E-01	1.185E-05	3.747E-24	2.470E-05	4.113E-02	2.473E-05	3.408E-06
7.500E+03	5.256E-05	4.385E-01	1.411E-05	8.214E-24	2.743E-05	3.775E-02	2.574E-05	3.473E-06
7.600E+03	6.136E-05	4.439E-01	1.668E-05	1.757E-23	3.040E-05	3.467E-02	2.667E-05	3.536E-06
7.700E+03	7.148E-05	4.488E-01	1.959E-05	3.669E-23	3.362E-05	3.185E-02	2.753E-05	3.599E-06
7.800E+03	8.310E-05	4.533E-01	2.286E-05	7.493E-23	3.711E-05	2.929E-02	2.831E-05	3.662E-06
7.900E+03	9.643E-05	4.575E-01	2.653E-05	1.497E-22	4.090E-05	2.696E-02	2.901E-05	3.725E-06
8.000E+03	1.117E-04	4.615E-01	3.061E-05	2.931E-22	4.501E-05	2.484E-02	2.964E-05	3.790E-06
8.200E+03	1.490E-04	4.686E-01	4.012E-05	1.060E-21	5.428E-05	2.117E-02	3.071E-05	3.926E-06

Table II. - Continued.

P/P0 = 6.00E+04

C	C+	C++	C-	CO	C0+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.600E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	1.049E-41	7.204E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	2.109E-29	2.259E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	5.605E-22	5.815E-49	1.000E+00	0.	5.000E+02
0.	0.	0.	0.	4.741E-17	9.285E-41	1.000E+00	0.	6.000E+02
6.389E-82	6.416E-83	0.	0.	1.657E-13	7.994E-35	1.000E+00	1.438E-94	7.007E+02
4.759E-68	5.756E-70	0.	0.	5.692E-11	9.637E-31	1.000E+00	9.062E-80	8.000E+02
7.006E-58	9.982E-61	0.	0.	2.299E-09	5.984E-29	1.000E+00	4.076E-70	9.000E+02
6.694E-51	2.124E-55	0.	0.	1.822E-09	7.327E-28	1.000E+00	8.422E-63	1.000E+03
1.617E-45	1.534E-51	0.	3.112E-90	2.299E-08	6.345E-27	1.000E+00	7.749E-57	1.100E+03
4.017E-41	2.123E-48	0.	5.307E-80	1.805E-07	3.584E-26	1.000E+00	7.285E-52	1.200E+03
1.856E-37	8.819E-46	0.	1.784E-71	1.002E-06	1.552E-25	1.000E+00	1.172E-47	1.300E+03
2.343E-34	1.456E-43	0.	2.926E-64	4.261E-06	5.450E-25	1.000E+00	4.726E-44	1.400E+03
1.069E-31	1.163E-41	0.	4.467E-58	1.471E-05	1.620E-24	9.999E-01	6.303E-41	1.500E+03
2.158E-29	5.202E-40	2.564E-95	1.018E-52	4.299E-05	4.201E-24	9.998E-01	3.421E-38	1.600E+03
2.247E-27	1.451E-38	1.091E-91	4.989E-48	1.097E-04	9.748E-24	9.996E-01	8.851E-36	1.700E+03
1.355E-25	2.743E-37	1.745E-88	6.838E-44	2.503E-04	2.375E-23	9.992E-01	1.236E-33	1.800E+03
5.190E-24	3.777E-36	1.252E-85	3.227E-40	5.205E-04	6.612E-23	9.985E-01	1.026E-31	1.900E+03
1.353E-22	6.418E-35	1.189E-82	3.847E-37	1.001E-03	7.587E-22	9.973E-01	5.472E-30	2.000E+03
2.554E-21	3.320E-33	9.283E-79	5.595E-35	1.800E-03	9.637E-21	9.954E-01	1.999E-28	2.100E+03
3.640E-20	1.952E-31	6.032E-75	3.619E-33	3.057E-03	1.007E-19	9.926E-01	5.263E-27	2.200E+03
4.077E-19	5.981E-30	1.914E-71	1.544E-31	4.942E-03	8.606E-19	9.885E-01	1.042E-25	2.300E+03
3.701E-18	1.595E-28	3.042E-68	4.721E-30	7.648E-03	6.177E-18	9.829E-01	1.609E-24	2.400E+03
2.796E-17	3.245E-27	2.629E-65	1.083E-28	1.139E-02	3.778E-17	9.754E-01	1.933E-23	2.500E+03
1.796E-16	5.193E-26	1.327E-62	1.929E-27	1.640E-02	2.309E-16	9.656E-01	2.052E-22	2.600E+03
1.000E-15	6.707E-25	4.161E-60	2.750E-26	2.290E-02	9.424E-16	9.532E-01	1.742E-21	2.700E+03
4.899E-15	7.183E-24	8.541E-58	3.212E-25	3.112E-02	3.952E-15	9.380E-01	1.279E-20	2.800E+03
2.141E-14	6.525E-23	1.201E-55	3.141E-24	4.124E-02	1.498E-14	9.196E-01	8.152E-20	2.900E+03
8.447E-14	5.075E-22	1.202E-53	2.620E-23	5.342E-02	5.184E-14	8.979E-01	4.595E-19	3.000E+03
3.031E-13	3.444E-21	8.868E-52	1.892E-22	6.776E-02	1.651E-13	8.729E-01	2.307E-18	3.100E+03
1.005E-12	2.066E-20	4.953E-50	1.200E-21	8.429E-02	4.876E-13	8.446E-01	1.045E-17	3.200E+03
3.080E-12	1.108E-19	2.162E-48	6.735E-21	1.030E-01	3.463E-12	8.130E-01	4.302E-17	3.300E+03
8.607E-12	5.364E-19	7.504E-47	3.419E-20	1.237E-01	1.338E-12	7.785E-01	1.625E-16	3.400E+03
2.364E-11	2.367E-18	2.116E-45	1.568E-19	1.463E-01	8.495E-12	7.414E-01	5.669E-16	3.500E+03
5.990E-11	9.593E-18	4.921E-44	6.569E-19	1.705E-01	1.957E-11	7.022E-01	1.839E-13	3.600E+03
1.439E-10	3.596E-17	1.553E-43	2.533E-18	1.959E-01	4.335E-11	6.614E-01	5.577E-15	3.700E+03
3.290E-10	1.255E-16	1.612E-41	9.052E-18	2.222E-01	9.151E-11	5.195E-01	1.590E-14	3.800E+03
7.194E-10	4.101E-16	2.338E-40	3.015E-17	2.491E-01	1.844E-10	5.771E-01	4.282E-14	3.900E+03
1.508E-09	1.261E-15	2.951E-39	9.408E-17	2.760E-01	3.584E-10	5.348E-01	1.094E-13	4.000E+03
3.044E-09	3.668E-15	3.283E-38	2.764E-16	3.026E-01	6.719E-10	4.931E-01	2.662E-13	4.100E+03
5.928E-09	1.013E-14	3.262E-37	7.680E-16	3.285E-01	1.219E-09	4.525E-01	6.195E-13	4.200E+03
1.117E-08	2.667E-14	2.910E-36	2.026E-15	3.534E-01	2.144E-09	4.133E-01	1.385E-12	4.300E+03
2.041E-08	6.720E-14	2.352E-35	5.092E-15	3.770E-01	3.665E-09	3.760E-01	2.970E-12	4.400E+03
3.627E-08	1.675E-13	1.734E-34	1.224E-14	3.990E-01	6.105E-09	3.407E-01	6.158E-12	4.500E+03
6.279E-08	3.785E-12	1.174E-33	2.820E-14	4.194E-01	9.926E-09	3.076E-01	1.236E-11	4.600E+03
1.061E-07	8.510E-13	7.343E-32	6.251E-14	4.379E-01	1.578E-08	2.769E-01	2.406E-11	4.700E+03
1.753E-07	1.852E-12	4.256E-32	1.336E-13	4.545E-01	2.457E-08	2.486E-01	4.556E-11	4.800E+03
2.836E-07	3.911E-12	2.314E-31	2.761E-13	4.693E-01	8.822E-08	2.225E-01	8.410E-11	4.900E+03
4.500E-07	8.030E-12	1.177E-30	5.526E-13	4.822E-01	5.632E-08	1.988E-01	1.516E-10	5.000E+03
7.014E-07	1.606E-11	5.635E-30	1.074E-12	4.933E-01	8.312E-08	1.773E-01	2.674E-10	5.100E+03
1.075E-06	3.136E-11	2.551E-29	2.030E-12	5.027E-01	1.208E-07	1.578E-01	4.623E-10	5.200E+03
1.623E-06	5.983E-11	1.095E-28	3.740E-12	5.106E-01	1.731E-07	1.403E-01	7.847E-10	5.300E+03
2.415E-06	1.118E-10	4.477E-28	6.726E-12	5.169E-01	2.448E-07	1.246E-01	1.309E-09	5.400E+03
3.547E-06	2.047E-10	1.746E-27	1.183E-11	5.220E-01	3.418E-07	1.105E-01	2.151E-09	5.500E+03
5.144E-06	3.692E-10	6.517E-27	2.036E-11	5.259E-01	5.287E-07	9.801E-02	3.483E-09	5.600E+03
7.374E-06	6.527E-10	2.333E-26	3.437E-11	5.287E-01	6.441E-07	8.686E-02	5.566E-09	5.700E+03
1.046E-05	1.135E-09	8.033E-26	5.698E-11	5.306E-01	8.703E-07	7.695E-02	8.786E-09	5.800E+03
1.469E-05	1.943E-09	2.542E-25	9.285E-11	5.317E-01	1.164E-06	6.813E-02	1.271E-08	5.900E+03
2.043E-05	3.278E-09	8.513E-25	1.489E-10	5.322E-01	1.543E-06	6.041E-02	2.117E-08	6.000E+03
2.817E-05	5.451E-09	2.631E-24	2.354E-10	5.322E-01	2.027E-06	5.355E-02	3.237E-08	6.100E+03
3.852E-05	8.944E-09	7.866E-24	3.662E-10	5.317E-01	2.540E-06	4.748E-02	4.903E-08	6.200E+03
5.227E-05	1.448E-08	2.279E-23	3.546E-10	5.308E-01	3.410E-06	4.213E-02	7.363E-08	6.300E+03
7.040E-05	2.316E-08	6.400E-23	8.587E-10	5.297E-01	4.368E-06	3.742E-02	1.097E-07	6.400E+03
9.415E-05	3.658E-08	1.745E-22	1.291E-09	5.284E-01	5.525E-06	3.326E-02	1.620E-07	6.500E+03
1.251E-04	5.709E-08	4.623E-22	1.923E-09	5.269E-01	7.002E-06	2.960E-02	2.275E-07	6.600E+03
1.651E-04	8.805E-08	1.190E-21	2.835E-09	5.253E-01	8.765E-06	2.637E-02	3.457E-07	6.700E+03
2.166E-04	1.343E-07	2.983E-21	4.143E-09	5.237E-01	1.089E-05	2.353E-02	4.996E-07	6.800E+03
2.824E-04	2.024E-07	7.277E-21	6.003E-09	5.221E-01	1.343E-05	2.102E-02	7.169E-07	6.900E+03
3.561E-04	3.018E-07	1.729E-20	8.630E-09	5.189E-01	1.645E-05	1.881E-02	1.021E-06	7.000E+03
4.719E-04	4.450E-07	4.008E-20	1.231E-08	5.173E-01	2.001E-05	1.685E-02	1.446E-06	7.100E+03
6.050E-04	6.493E-07	9.050E-20	1.745E-08	5.157E-01	2.418E-05	1.513E-02	2.032E-06	7.200E+03
7.713E-04	9.376E-07	1.999E-19	2.455E-08	5.141E-01	2.902E-05	1.390E-02	2.837E-06	7.300E+03
9.783E-04	1.340E-06	4.311E-19	3.431E-08	5.125E-01	3.462E-05	1.225E-02	3.934E-06	7.400E+03
1.234E-03	1.896E-06	9.085E-19	4.765E-08	5.110E-01	4.103E-05	1.103E-02	5.419E-06	7.500E+03
1.549E-03	2.656E-06	1.873E-18	6.577E-08	5.094E-01	4.835E-05	9.943E-03	7.413E-06	7.600E+03
1.934E-03	3.686E-06	3.781E-18	9.022E-08	5.077E-01	5.563E-05	9.035E-03	1.007E-05	7.700E+03
2.403E-03	5.067E-06	7.476E-18	1.230E-07	5.060E-01	6.597E-05	8.191E-03	1.353E-05	7.800E+03
2.971E-03	6.903E-06	1.449E-17	1.667E-07	5.041E-01	7.642E-05	7.437E-03	1.821E-05	7.900E+03
3.655E-03	9.319E-06	2.754E-17	2.247E-07	5.021E-01	8.806E-05	6.763E-03	2.424E-05	8.000E+03
4.473E-03	1.247E-05	5.138E-17	3.010E-07	4.976E-01	1.151E-04	5.616E-03	4.201E-05	8.200E+03
6.603E-03	2.177E-05	1.694E-16	5.307E-07					

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.973E-04	4.751E-01	5.162E-05	3.563E-21	6.514E-05	1.814E-02	3.155E-05	4.072E-06
8.600E+03	2.595E-04	4.812E-01	6.532E-05	1.122E-20	7.785E-05	1.565E-02	3.221E-05	4.234E-06
8.800E+03	3.388E-04	4.873E-01	8.151E-05	3.327E-20	9.265E-05	1.380E-02	3.275E-05	4.414E-06
9.000E+03	4.390E-04	4.935E-01	1.005E-04	9.351E-20	1.098E-04	1.191E-02	3.322E-05	4.614E-06
9.200E+03	5.645E-04	5.002E-01	1.227E-04	2.504E-19	1.297E-04	1.051E-02	3.369E-05	4.836E-06
9.400E+03	7.199E-04	5.075E-01	1.485E-04	6.424E-19	1.525E-04	9.353E-03	3.421E-05	5.079E-06
9.600E+03	9.100E-04	5.154E-01	1.788E-04	1.587E-18	1.783E-04	8.391E-03	3.484E-05	5.341E-06
9.800E+03	1.139E-03	5.239E-01	2.141E-04	3.789E-18	2.074E-04	7.585E-03	3.561E-05	5.618E-06
1.000E+04	1.413E-03	5.330E-01	2.554E-04	8.784E-18	2.396E-04	6.904E-03	3.654E-05	5.903E-06
1.020E+04	1.735E-03	5.426E-01	3.037E-04	1.982E-17	2.749E-04	6.321E-03	3.765E-05	6.190E-06
1.040E+04	2.110E-03	5.523E-01	3.602E-04	4.364E-17	3.130E-04	5.816E-03	3.893E-05	6.467E-06
1.060E+04	2.540E-03	5.621E-01	4.262E-04	9.390E-17	3.536E-04	5.371E-03	4.038E-05	6.728E-06
1.080E+04	3.029E-03	5.717E-01	5.029E-04	1.978E-16	3.963E-04	4.974E-03	4.198E-05	6.983E-06
1.100E+04	3.581E-03	5.809E-01	5.918E-04	4.080E-16	4.405E-04	4.615E-03	4.370E-05	7.166E-06
1.120E+04	4.197E-03	5.895E-01	6.944E-04	8.252E-16	4.859E-04	4.288E-03	4.554E-05	7.331E-06
1.140E+04	4.879E-03	5.973E-01	8.123E-04	1.637E-15	5.318E-04	3.986E-03	4.746E-05	7.456E-06
1.160E+04	5.631E-03	6.044E-01	9.470E-04	3.188E-15	5.740E-04	3.707E-03	4.945E-05	7.539E-06
1.180E+04	6.455E-03	6.107E-01	1.100E-03	6.095E-15	6.240E-04	3.449E-03	5.150E-05	7.581E-06
1.200E+04	7.353E-03	6.162E-01	1.274E-03	1.145E-14	6.694E-04	3.208E-03	5.355E-05	7.585E-06
1.220E+04	8.327E-03	6.208E-01	1.471E-03	2.113E-14	7.141E-04	2.985E-03	5.569E-05	7.554E-06
1.240E+04	9.381E-03	6.247E-01	1.691E-03	3.835E-14	7.579E-04	2.778E-03	5.782E-05	7.492E-06
1.260E+04	1.051E-02	6.280E-01	1.938E-03	6.848E-14	8.006E-04	2.586E-03	5.974E-05	7.404E-06
1.280E+04	1.173E-02	6.305E-01	2.214E-03	1.204E-13	8.421E-04	2.408E-03	6.211E-05	7.293E-06
1.300E+04	1.304E-02	6.325E-01	2.520E-03	2.083E-13	8.824E-04	2.243E-03	6.426E-05	7.164E-06
1.320E+04	1.444E-02	6.340E-01	2.860E-03	3.552E-13	9.213E-04	2.090E-03	6.641E-05	7.020E-06
1.340E+04	1.592E-02	6.349E-01	3.235E-03	5.969E-13	9.590E-04	1.949E-03	6.856E-05	6.864E-06
1.360E+04	1.750E-02	6.355E-01	3.648E-03	9.895E-13	9.952E-04	1.819E-03	7.071E-05	6.699E-06
1.380E+04	1.918E-02	6.356E-01	4.101E-03	1.618E-12	1.030E-03	1.699E-03	7.285E-05	6.527E-06
1.400E+04	2.096E-02	6.355E-01	4.598E-03	2.613E-12	1.064E-03	1.588E-03	7.498E-05	6.351E-06
1.420E+04	2.284E-02	6.349E-01	5.140E-03	4.166E-12	1.096E-03	1.485E-03	7.710E-05	6.171E-06
1.440E+04	2.482E-02	6.341E-01	5.731E-03	6.564E-12	1.126E-03	1.390E-03	7.920E-05	5.990E-06
1.460E+04	2.691E-02	6.331E-01	6.372E-03	1.022E-11	1.156E-03	1.302E-03	8.129E-05	5.807E-06
1.480E+04	2.910E-02	6.317E-01	7.068E-03	1.574E-11	1.183E-03	1.220E-03	8.335E-05	5.625E-06
1.500E+04	3.141E-02	6.302E-01	7.821E-03	2.399E-11	1.210E-03	1.144E-03	8.539E-05	5.443E-06
1.520E+04	3.382E-02	6.284E-01	8.632E-03	3.617E-11	1.234E-03	1.074E-03	8.747E-05	5.263E-06
1.540E+04	3.634E-02	6.264E-01	9.507E-03	5.400E-11	1.258E-03	1.009E-03	8.934E-05	5.085E-06
1.560E+04	3.897E-02	6.242E-01	1.045E-02	7.985E-11	1.279E-03	9.479E-04	9.134E-05	4.909E-06
1.580E+04	4.171E-02	6.218E-01	1.145E-02	1.170E-10	1.300E-03	8.912E-04	9.326E-05	4.735E-06
1.600E+04	4.457E-02	6.192E-01	1.253E-02	1.698E-10	1.318E-03	8.384E-04	9.512E-05	4.564E-06
1.620E+04	4.753E-02	6.164E-01	1.368E-02	2.445E-10	1.335E-03	7.891E-04	9.694E-05	4.396E-06
1.640E+04	5.061E-02	6.134E-01	1.491E-02	3.489E-10	1.351E-03	7.429E-04	9.871E-05	4.231E-06
1.660E+04	5.380E-02	6.102E-01	1.621E-02	4.941E-10	1.365E-03	6.988E-04	1.000E-04	4.069E-06
1.680E+04	5.710E-02	6.068E-01	1.760E-02	6.941E-10	1.377E-03	6.583E-04	1.021E-04	3.911E-06
1.700E+04	6.051E-02	6.033E-01	1.907E-02	9.678E-10	1.387E-03	6.214E-04	1.036E-04	3.755E-06
1.720E+04	6.403E-02	5.996E-01	2.062E-02	1.340E-09	1.396E-03	5.858E-04	1.052E-04	3.603E-06
1.740E+04	6.765E-02	5.957E-01	2.227E-02	1.841E-09	1.404E-03	5.523E-04	1.066E-04	3.455E-06
1.760E+04	7.138E-02	5.916E-01	2.400E-02	2.513E-09	1.409E-03	5.208E-04	1.079E-04	3.317E-06
1.780E+04	7.522E-02	5.874E-01	2.582E-02	3.408E-09	1.413E-03	4.912E-04	1.092E-04	3.169E-06
1.800E+04	7.916E-02	5.830E-01	2.773E-02	4.592E-09	1.416E-03	4.632E-04	1.104E-04	3.031E-06
1.820E+04	8.320E-02	5.784E-01	2.974E-02	6.149E-09	1.417E-03	4.369E-04	1.115E-04	2.897E-06
1.840E+04	8.733E-02	5.737E-01	3.185E-02	8.184E-09	1.416E-03	4.127E-04	1.124E-04	2.766E-06
1.860E+04	9.156E-02	5.687E-01	3.405E-02	1.083E-08	1.414E-03	3.886E-04	1.133E-04	2.639E-06
1.880E+04	9.589E-02	5.637E-01	3.634E-02	1.425E-08	1.410E-03	3.664E-04	1.141E-04	2.516E-06
1.900E+04	1.003E-01	5.584E-01	3.874E-02	1.864E-08	1.405E-03	3.454E-04	1.147E-04	2.396E-06
1.920E+04	1.048E-01	5.530E-01	4.123E-02	2.425E-08	1.398E-03	3.256E-04	1.153E-04	2.280E-06
1.940E+04	1.094E-01	5.474E-01	4.381E-02	3.140E-08	1.390E-03	3.069E-04	1.157E-04	2.161E-06
1.960E+04	1.141E-01	5.417E-01	4.650E-02	4.044E-08	1.380E-03	2.881E-04	1.160E-04	2.058E-06
1.980E+04	1.188E-01	5.358E-01	4.928E-02	5.183E-08	1.369E-03	2.723E-04	1.162E-04	1.953E-06
2.000E+04	1.236E-01	5.298E-01	5.215E-02	6.612E-08	1.357E-03	2.584E-04	1.162E-04	1.851E-06
2.020E+04	1.285E-01	5.237E-01	5.512E-02	8.394E-08	1.344E-03	2.413E-04	1.162E-04	1.753E-06
2.040E+04	1.335E-01	5.174E-01	5.817E-02	1.061E-07	1.329E-03	2.271E-04	1.160E-04	1.659E-06
2.060E+04	1.385E-01	5.109E-01	6.132E-02	1.335E-07	1.313E-03	2.136E-04	1.156E-04	1.568E-06
2.080E+04	1.436E-01	5.044E-01	6.456E-02	1.672E-07	1.296E-03	2.088E-04	1.152E-04	1.480E-06
2.100E+04	1.487E-01	4.977E-01	6.787E-02	2.086E-07	1.278E-03	1.987E-04	1.146E-04	1.396E-06
2.120E+04	1.539E-01	4.909E-01	7.127E-02	2.592E-07	1.259E-03	1.772E-04	1.139E-04	1.316E-06
2.140E+04	1.591E-01	4.840E-01	7.475E-02	3.207E-07	1.239E-03	1.664E-04	1.131E-04	1.238E-06
2.160E+04	1.644E-01	4.770E-01	7.831E-02	3.953E-07	1.219E-03	1.561E-04	1.122E-04	1.164E-06
2.180E+04	1.697E-01	4.699E-01	8.193E-02	4.855E-07	1.197E-03	1.464E-04	1.112E-04	1.094E-06
2.200E+04	1.750E-01	4.627E-01	8.563E-02	5.940E-07	1.175E-03	1.372E-04	1.100E-04	1.026E-06
2.220E+04	1.804E-01	4.554E-01	8.938E-02	7.241E-07	1.152E-03	1.285E-04	1.087E-04	9.617E-07
2.240E+04	1.858E-01	4.480E-01	9.320E-02	8.796E-07	1.128E-03	1.203E-04	1.074E-04	9.004E-07
2.260E+04	1.912E-01	4.406E-01	9.707E-02	1.065E-06	1.104E-03	1.125E-04	1.059E-04	8.421E-07
2.280E+04	1.966E-01	4.331E-01	1.010E-01	1.285E-06	1.079E-03	1.052E-04	1.043E-04	7.868E-07
2.300E+04	2.020E-01	4.256E-01	1.050E-01	1.545E-06	1.054E-03	9.832E-05	1.027E-04	7.343E-07
2.320E+04	2.075E-01	4.180E-01	1.090E-01	1.852E-06	1.029E-03	9.101E-05	1.010E-04	6.845E-07
2.340E+04	2.129E-01	4.104E-01	1.130E-01	2.213E-06	1.003E-03	8.569E-05	9.915E-05	6.351E-07
2.360E+04	2.183E-01	4.027E-01	1.171E-01	2.637E-06	9.772E-04	7.982E-05	9.727E-05	5.917E-07
2.380E+04	2.237E-01	3.951E-01	1.212E-01	3.133E-06	9.512E-04	7.449E-05	9.532E-05	5.512E-07
2.400E+04	2.291E-01	3.874E-01	1.253E-01	3.710E-06	9.250E-04	6.988E-05	9.332E-05	5.117E-07
2.420E+04	2.345E-01	3.797E-01	1.294E-01	4.382E-06	8.988E-04	6.459E-05	9.126E-05	4.745E-07
2.440E+04	2.399E-01	3.721E-01	1.335E-01	5.162E-06	8.726E-04	6.008E-05	8.916E-05	4.396E-07
2.460E+04	2.452E-01	3.644E-01	1.377E-01	6.063E-06	8.465E-04	5.586E-05	8.702E-05	4.049E-07
2.480E+04	2.505E-01	3.568E-01	1.418E-01	7.104E-06	8.205E-04	5.180E-05	8.485E-05	3.762E-07
2.500E+04	2.557E-01	3.492E-01	1.460E-01	8.301E-06	7.946E-04	4.819E-05	8.265E-05	3.475E-07

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
9.553E-03	3.677E-05	5.217E-16	9.140E-07	4.919E-01	1.475E-04	4.688E-03	7.071E-05	8.400E+03
1.355E-02	6.013E-03	1.505E-15	1.537E-06	4.849E-01	1.854E-04	3.931E-03	1.154E-04	8.600E+03
1.881E-02	9.531E-05	4.089E-15	2.521E-06	4.759E-01	2.288E-04	3.307E-03	1.824E-04	8.600E+03
2.559E-02	1.466E-04	1.049E-14	4.032E-06	4.648E-01	2.772E-04	2.788E-03	2.788E-04	9.000E+03
3.405E-02	2.189E-04	2.548E-14	6.280E-06	4.510E-01	3.301E-04	2.354E-03	4.112E-04	9.200E+03
4.433E-02	3.177E-04	5.888E-14	9.512E-06	4.345E-01	3.865E-04	1.987E-03	5.846E-04	9.400E+03
5.643E-02	4.488E-04	1.299E-13	1.400E-05	4.151E-01	4.452E-04	1.674E-03	8.003E-04	9.600E+03
7.026E-02	6.179E-04	2.743E-13	2.002E-05	3.931E-01	5.049E-04	1.408E-03	1.035E-03	9.800E+03
8.558E-02	8.303E-04	5.570E-13	2.779E-05	3.686E-01	5.642E-04	1.179E-03	1.339E-03	1.000E+04
1.021E-01	1.091E-03	1.091E-12	3.748E-05	3.423E-01	6.216E-04	9.877E-04	1.638E-03	1.020E+04
1.193E-01	1.403E-03	2.065E-12	4.915E-05	3.148E-01	6.760E-04	8.120E-04	1.936E-03	1.040E+04
1.368E-01	1.770E-03	3.793E-12	6.277E-05	2.869E-01	7.261E-04	6.729E-04	2.215E-03	1.060E+04
1.542E-01	2.193E-03	6.775E-12	7.818E-05	2.591E-01	7.710E-04	5.520E-04	2.458E-03	1.080E+04
1.711E-01	2.678E-03	1.179E-11	9.515E-05	2.320E-01	8.101E-04	4.503E-04	2.655E-03	1.100E+04
1.871E-01	3.220E-03	2.004E-11	1.134E-04	2.064E-01	8.429E-04	3.656E-04	2.796E-03	1.120E+04
2.020E-01	3.822E-03	3.333E-11	1.325E-04	1.823E-01	8.695E-04	2.954E-04	2.886E-03	1.140E+04
2.157E-01	4.483E-03	5.429E-11	1.523E-04	1.603E-01	8.988E-04	2.378E-04	2.921E-03	1.160E+04
2.280E-01	5.203E-03	8.679E-11	1.723E-04	1.403E-01	9.044E-04	1.909E-04	2.908E-03	1.180E+04
2.388E-01	5.981E-03	1.363E-10	1.922E-04	1.223E-01	9.136E-04	1.529E-04	2.854E-03	1.200E+04
2.483E-01	6.817E-03	2.106E-10	2.120E-04	1.065E-01	9.180E-04	1.223E-04	2.768E-03	1.220E+04
2.565E-01	7.710E-03	3.203E-10	2.312E-04	9.248E-02	9.182E-04	9.776E-05	2.557E-03	1.240E+04
2.634E-01	8.660E-03	4.803E-10	2.499E-04	8.026E-02	9.149E-04	7.817E-05	2.530E-03	1.260E+04
2.693E-01	9.663E-03	7.104E-10	2.678E-04	6.965E-02	9.086E-04	6.255E-05	2.591E-03	1.280E+04
2.741E-01	1.073E-02	1.037E-09	2.850E-04	6.045E-02	8.997E-04	5.012E-05	2.627E-03	1.300E+04
2.780E-01	1.185E-02	1.497E-09	3.013E-04	5.251E-02	8.888E-04	4.023E-05	2.101E-03	1.320E+04
2.811E-01	1.303E-02	2.135E-09	3.168E-04	4.566E-02	8.763E-04	3.236E-05	1.957E-03	1.340E+04
2.834E-01	1.426E-02	3.013E-09	3.313E-04	3.976E-02	8.625E-04	2.609E-05	1.818E-03	1.360E+04
2.851E-01	1.554E-02	4.208E-09	3.449E-04	3.468E-02	8.476E-04	2.109E-05	1.683E-03	1.380E+04
2.863E-01	1.688E-02	5.820E-09	3.576E-04	3.030E-02	8.320E-04	1.710E-05	1.556E-03	1.400E+04
2.870E-01	1.828E-02	7.975E-09	3.694E-04	2.653E-02	8.138E-04	1.390E-05	1.435E-03	1.420E+04
2.872E-01	1.973E-02	1.083E-08	3.803E-04	2.327E-02	7.992E-04	1.133E-05	1.322E-03	1.440E+04
2.870E-01	2.123E-02	1.459E-08	3.903E-04	2.046E-02	7.822E-04	9.259E-06	1.217E-03	1.460E+04
2.865E-01	2.278E-02	1.950E-08	3.994E-04	1.802E-02	7.650E-04	7.590E-06	1.119E-03	1.480E+04
2.857E-01	2.437E-02	2.585E-08	4.076E-04	1.590E-02	7.477E-04	6.240E-06	1.028E-03	1.500E+04
2.846E-01	2.602E-02	3.402E-08	4.149E-04	1.406E-02	7.304E-04	5.144E-06	9.434E-04	1.520E+04
2.832E-01	2.771E-02	4.445E-08	4.214E-04	1.246E-02	7.130E-04	4.251E-06	8.656E-04	1.540E+04
2.817E-01	2.945E-02	5.769E-08	4.270E-04	1.106E-02	6.957E-04	3.523E-06	7.939E-04	1.560E+04
2.799E-01	3.122E-02	7.438E-08	4.317E-04	9.838E-03	6.784E-04	2.926E-06	7.277E-04	1.580E+04
2.779E-01	3.304E-02	9.530E-08	4.357E-04	8.766E-03	6.611E-04	2.436E-06	6.669E-04	1.600E+04
2.758E-01	3.489E-02	1.214E-07	4.388E-04	7.824E-03	6.440E-04	2.033E-06	6.109E-04	1.620E+04
2.735E-01	3.677E-02	1.539E-07	4.411E-04	6.995E-03	6.270E-04	1.700E-06	5.594E-04	1.640E+04
2.711E-01	3.869E-02	1.934E-07	4.426E-04	6.263E-03	6.101E-04	1.425E-06	5.121E-04	1.660E+04
2.686E-01	4.063E-02	2.422E-07	4.433E-04	5.616E-03	5.934E-04	1.196E-06	4.687E-04	1.680E+04
2.659E-01	4.259E-02	3.017E-07	4.433E-04	5.043E-03	5.768E-04	1.006E-06	4.288E-04	1.700E+04
2.631E-01	4.458E-02	3.739E-07	4.426E-04	4.535E-03	5.604E-04	8.481E-07	3.921E-04	1.720E+04
2.603E-01	4.658E-02	4.511E-07	4.412E-04	4.082E-03	5.441E-04	7.158E-07	3.585E-04	1.740E+04
2.574E-01	4.860E-02	5.659E-07	4.391E-04	3.680E-03	5.280E-04	6.051E-07	3.277E-04	1.760E+04
2.543E-01	5.063E-02	6.914E-07	4.364E-04	3.320E-03	5.121E-04	5.122E-07	2.994E-04	1.780E+04
2.513E-01	5.267E-02	8.411E-07	4.331E-04	2.999E-03	4.964E-04	4.342E-07	2.735E-04	1.800E+04
2.481E-01	5.471E-02	1.019E-06	4.292E-04	2.712E-03	4.809E-04	3.685E-07	2.497E-04	1.820E+04
2.449E-01	5.675E-02	1.229E-06	4.247E-04	2.454E-03	4.656E-04	3.131E-07	2.280E-04	1.840E+04
2.416E-01	5.879E-02	1.476E-06	4.198E-04	2.223E-03	4.505E-04	2.654E-07	2.080E-04	1.860E+04
2.383E-01	6.082E-02	1.767E-06	4.143E-04	2.015E-03	4.356E-04	2.268E-07	1.898E-04	1.880E+04
2.350E-01	6.284E-02	2.107E-06	4.085E-04	1.827E-03	4.209E-04	1.932E-07	1.731E-04	1.900E+04
2.316E-01	6.486E-02	2.502E-06	4.022E-04	1.659E-03	4.065E-04	1.649E-07	1.578E-04	1.920E+04
2.283E-01	6.683E-02	2.962E-06	3.955E-04	1.506E-03	3.924E-04	1.408E-07	1.433E-04	1.940E+04
2.248E-01	6.883E-02	3.495E-06	3.885E-04	1.369E-03	3.784E-04	1.202E-07	1.310E-04	1.960E+04
2.214E-01	7.080E-02	4.109E-06	3.812E-04	1.244E-03	3.648E-04	1.028E-07	1.193E-04	1.980E+04
2.180E-01	7.273E-02	4.815E-06	3.736E-04	1.132E-03	3.514E-04	8.792E-08	1.086E-04	2.000E+04
2.145E-01	7.465E-02	5.627E-06	3.657E-04	1.030E-03	3.383E-04	7.524E-08	9.888E-05	2.020E+04
2.111E-01	7.653E-02	6.555E-06	3.577E-04	9.374E-04	3.255E-04	6.441E-08	8.997E-05	2.040E+04
2.076E-01	7.839E-02	7.613E-06	3.495E-04	8.535E-04	3.129E-04	5.517E-08	8.185E-05	2.060E+04
2.042E-01	8.022E-02	8.818E-06	3.411E-04	7.774E-04	3.007E-04	4.727E-08	7.443E-05	2.080E+04
2.007E-01	8.202E-02	1.019E-05	3.326E-04	7.082E-04	2.887E-04	4.052E-08	6.767E-05	2.100E+04
1.973E-01	8.378E-02	1.173E-05	3.240E-04	6.454E-04	2.771E-04	3.474E-08	6.151E-05	2.120E+04
1.939E-01	8.551E-02	1.348E-05	3.153E-04	5.882E-04	2.657E-04	2.979E-08	5.590E-05	2.140E+04
1.905E-01	8.720E-02	1.545E-05	3.066E-04	5.362E-04	2.547E-04	2.555E-08	5.079E-05	2.160E+04
1.871E-01	8.886E-02	1.767E-05	2.979E-04	4.889E-04	2.440E-04	2.192E-08	4.613E-05	2.180E+04
1.838E-01	9.048E-02	2.015E-05	2.892E-04	4.457E-04	2.336E-04	1.881E-08	4.189E-05	2.200E+04
1.804E-01	9.206E-02	2.294E-05	2.805E-04	4.065E-04	2.234E-04	1.614E-08	3.804E-05	2.220E+04
1.771E-01	9.360E-02	2.605E-05	2.718E-04	3.707E-04	2.136E-04	1.385E-08	3.433E-05	2.240E+04
1.739E-01	9.511E-02	2.952E-05	2.633E-04	3.381E-04	2.042E-04	1.189E-08	3.134E-05	2.260E+04
1.706E-01	9.658E-02	3.339E-05	2.547E-04	3.08E-04	1.950E-04	1.020E-08	2.845E-05	2.280E+04
1.674E-01	9.801E-02	3.768E-05	2.463E-04	2.812E-04	1.861E-04	8.757E-09	2.581E-05	2.300E+04
1.642E-01	9.940E-02	4.244E-05	2.380E-04	2.565E-04	1.776E-04	7.516E-09	2.342E-05	2.320E+04
1.611E-01	1.008E-01	4.772E-05	2.299E-04	2.340E-04	1.693E-04	6.450E-09	2.125E-05	2.340E+04
1.580E-01	1.021E-01	5.356E-05	2.218E-04	2.134E-04	1.613E-04	5.536E-09	1.927E-05	2.360E+04
1.549E-01	1.034E-01	6.000E-05	2.139E-04	1.946E-04	1.537E-04	4.751E-09	1.748E-05	2.380E+04
1.519E-01	1.046E-01	6.710E-05	2.062E-04	1.775E-04	1.463E-04	4.077E-09	1.586E-05	2.400E+04
1.489E-01	1.058E-01	7.493E-05	1.986E-04	1.619E-04	1.392E-04	3.499E-09	1.438E-05	2.420E+04
1.460E-01	1.070E-01	8.352E-05	1.912E-04	1.477E-04	1.324E-04	3.002E-09	1.305E-05	2.440E+04
1.431E-01	1.081E-01	9.296E-05	1.839E-04	1.347E-04	1.259E-04	2.576E-09	1.183E-05	2.460E+04
1.402E-01	1.092E-01	1.033E-04	1.768E-04	1.228E-04	1.196E-04	2.210E-09	1.075E-05	2.480E+04
1.374E-01	1.103E-01	1.146E-04	1.700E-04	1.120E-04	1.136E-04	1.896E-09	9.733E-06	2.500E+04

Table II. - Continued.

P/PO = 7.00E+02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.597E-11	1.760E-18	0.
2.000E+02	0.	2.849E-69	0.	0.	0.	5.062E-11	1.760E-18	0.
3.000E+02	0.	1.270E-47	1.262E-81	0.	0.	4.987E-11	1.760E-18	0.
4.000E+02	0.	9.358E-37	3.095E-64	0.	0.	5.213E-11	1.760E-18	0.
5.000E+02	0.	3.100E-30	9.087E-54	0.	0.	4.941E-11	1.760E-18	0.
6.000E+02	1.532E-96	7.087E-26	8.815E-47	0.	0.	4.816E-11	1.760E-18	0.
7.000E+02	6.183E-82	9.219E-23	8.885E-42	0.	1.267E-91	4.606E-11	1.760E-18	5.906E-83
8.000E+02	9.543E-71	2.587E-20	3.962E-38	0.	1.862E-79	7.390E-11	1.760E-18	1.332E-72
9.000E+02	4.324E-61	6.152E-18	9.351E-36	0.	1.389E-68	9.123E-10	1.760E-18	1.130E-62
1.000E+03	3.764E-53	6.225E-16	5.886E-34	0.	1.407E-59	1.007E-08	1.760E-18	2.535E-54
1.100E+03	1.233E-46	2.761E-14	1.733E-32	0.	3.404E-52	8.576E-08	1.760E-18	1.801E-47
1.200E+03	3.372E-41	6.527E-13	2.916E-31	0.	4.849E-46	4.757E-07	1.760E-18	9.223E-42
1.300E+03	1.362E-36	9.499E-12	3.190E-30	0.	7.802E-41	2.024E-06	1.760E-18	6.226E-37
1.400E+03	1.224E-32	9.434E-11	2.487E-25	0.	2.261E-36	6.987E-06	1.760E-18	8.522E-33
1.500E+03	3.299E-29	6.910E-10	1.479E-28	0.	1.663E-32	2.042E-05	1.760E-18	3.286E-29
1.600E+03	3.340E-26	3.946E-09	7.052E-28	0.	4.014E-29	5.289E-05	1.760E-18	4.406E-26
1.700E+03	1.510E-23	1.837E-08	2.805E-27	0.	3.870E-26	1.189E-04	1.760E-18	2.611E-23
1.800E+03	3.461E-21	7.207E-08	9.643E-27	0.	1.726E-23	2.472E-04	1.771E-18	7.427E-21
1.900E+03	2.873E-18	2.449E-07	4.571E-26	0.	2.579E-21	4.752E-04	2.791E-18	7.413E-19
2.000E+03	3.793E-18	7.365E-07	7.542E-25	0.	5.743E-20	8.566E-04	1.707E-17	1.146E-17
2.100E+03	2.754E-17	1.994E-06	1.363E-23	0.	6.656E-19	1.451E-03	1.254E-16	9.538E-17
2.200E+03	1.616E-16	4.929E-06	1.966E-22	2.180E-87	5.932E-18	2.345E-03	7.975E-16	6.203E-16
2.300E+03	8.114E-16	1.126E-05	2.264E-21	1.755E-83	4.341E-17	3.628E-03	4.339E-15	3.484E-15
2.400E+03	3.568E-15	2.399E-05	2.133E-20	6.703E-80	2.682E-16	5.481E-03	2.050E-14	1.667E-14
2.500E+03	1.398E-14	4.807E-05	1.679E-19	1.327E-76	1.429E-15	7.722E-03	8.548E-14	7.011E-14
2.600E+03	4.940E-14	9.120E-05	1.128E-18	1.468E-73	6.680E-15	1.084E-02	3.188E-13	2.629E-13
2.700E+03	1.594E-13	1.648E-04	6.583E-18	9.670E-71	2.778E-14	1.472E-02	1.077E-12	8.903E-13
2.800E+03	4.739E-13	2.851E-04	3.346E-17	4.012E-68	1.040E-13	1.948E-02	3.324E-12	2.750E-12
2.900E+03	1.310E-12	4.741E-04	1.554E-16	1.099E-65	3.548E-13	2.520E-02	9.470E-12	7.820E-12
3.000E+03	3.388E-12	7.607E-04	6.442E-16	2.072E-63	1.111E-12	3.191E-02	2.508E-11	2.063E-11
3.100E+03	8.254E-12	1.181E-03	2.433E-15	2.786E-61	3.222E-12	3.961E-02	6.214E-11	5.082E-11
3.200E+03	1.905E-11	1.780E-03	8.450E-15	2.758E-59	8.710E-12	4.827E-02	1.449E-10	1.176E-10
3.300E+03	4.182E-11	2.610E-03	2.718E-14	2.067E-57	2.208E-11	5.783E-02	3.196E-10	2.570E-10
3.400E+03	8.777E-11	3.732E-03	8.147E-14	1.201E-55	5.280E-11	6.815E-02	6.648E-10	5.324E-10
3.500E+03	1.767E-10	5.213E-03	2.290E-13	5.535E-54	1.196E-10	7.909E-02	1.339E-09	1.051E-09
3.600E+03	3.423E-10	7.127E-03	6.069E-13	2.061E-52	2.576E-10	9.047E-02	2.563E-09	1.982E-09
3.700E+03	6.402E-10	9.548E-03	1.523E-12	6.309E-51	5.301E-10	1.021E-01	4.711E-09	3.584E-09
3.800E+03	1.159E-09	1.256E-02	3.636E-12	1.613E-49	1.045E-09	1.187E-01	8.343E-09	6.230E-09
3.900E+03	2.035E-09	1.623E-02	8.284E-12	3.490E-48	1.979E-09	1.251E-01	1.427E-08	1.044E-08
4.000E+03	3.473E-09	2.063E-02	1.808E-11	6.477E-47	3.613E-09	1.360E-01	2.363E-08	1.690E-08
4.100E+03	5.775E-09	2.584E-02	3.793E-11	1.042E-45	6.371E-09	1.463E-01	3.797E-08	2.650E-08
4.200E+03	9.349E-09	3.191E-02	7.667E-11	1.470E-44	1.088E-08	1.557E-01	5.932E-08	4.032E-08
4.300E+03	1.486E-08	3.888E-02	1.498E-10	1.833E-43	1.801E-08	1.640E-01	9.030E-08	5.963E-08
4.400E+03	2.305E-08	4.678E-02	2.833E-10	2.038E-42	2.900E-08	1.712E-01	1.341E-07	8.586E-08
4.500E+03	3.505E-08	5.564E-02	5.201E-10	2.038E-41	4.547E-08	1.771E-01	1.947E-07	1.206E-07
4.600E+03	5.230E-08	6.546E-02	9.285E-10	1.844E-40	6.952E-08	1.817E-01	2.768E-07	1.654E-07
4.700E+03	7.665E-08	7.621E-02	1.615E-09	1.521E-39	1.038E-07	1.869E-01	3.856E-07	2.218E-07
4.800E+03	1.104E-07	8.787E-02	2.742E-09	1.149E-38	1.516E-07	1.868E-01	5.272E-07	2.914E-07
4.900E+03	1.566E-07	1.004E-01	4.549E-09	8.003E-38	2.168E-07	1.874E-01	7.082E-07	3.752E-07
5.000E+03	2.188E-07	1.137E-01	7.387E-09	5.161E-37	3.041E-07	1.866E-01	9.357E-07	4.741E-07
5.100E+03	3.014E-07	1.277E-01	1.176E-08	3.096E-36	4.185E-07	1.847E-01	1.217E-06	5.886E-07
5.200E+03	4.096E-07	1.424E-01	1.835E-08	1.735E-35	5.659E-07	1.817E-01	1.560E-06	7.185E-07
5.300E+03	5.496E-07	1.576E-01	2.814E-08	9.121E-35	7.525E-07	1.776E-01	1.972E-06	8.632E-07
5.400E+03	7.286E-07	1.732E-01	4.241E-08	4.511E-34	9.851E-07	1.727E-01	2.459E-06	1.022E-06
5.500E+03	9.552E-07	1.891E-01	6.290E-08	2.106E-33	1.271E-06	1.671E-01	3.028E-06	1.192E-06
5.600E+03	1.239E-06	2.052E-01	9.186E-08	9.312E-33	1.616E-06	1.608E-01	3.685E-06	1.372E-06
5.700E+03	1.591E-06	2.213E-01	1.322E-07	3.909E-32	2.028E-06	1.550E-01	4.433E-06	1.560E-06
5.800E+03	2.024E-06	2.373E-01	1.874E-07	1.561E-31	2.514E-06	1.468E-01	5.274E-06	1.752E-06
5.900E+03	2.553E-06	2.532E-01	2.626E-07	5.950E-31	3.081E-06	1.384E-01	6.209E-06	1.947E-06
6.000E+03	3.193E-06	2.688E-01	3.630E-07	2.167E-30	3.734E-06	1.318E-01	7.236E-06	2.140E-06
6.100E+03	3.963E-06	2.840E-01	4.955E-07	7.561E-30	4.481E-06	1.241E-01	8.352E-06	2.331E-06
6.200E+03	4.885E-06	2.987E-01	6.684E-07	2.530E-29	5.326E-06	1.165E-01	9.549E-06	2.516E-06
6.300E+03	5.982E-06	3.129E-01	8.911E-07	8.137E-29	6.277E-06	1.090E-01	1.082E-05	2.694E-06
6.400E+03	7.281E-06	3.264E-01	1.175E-06	2.518E-28	7.339E-06	1.017E-01	1.216E-05	2.864E-06
6.500E+03	8.814E-06	3.393E-01	1.533E-06	7.509E-28	8.518E-06	9.464E-02	1.354E-05	3.024E-06
6.600E+03	1.062E-05	3.515E-01	1.978E-06	2.160E-27	9.822E-06	8.786E-02	1.497E-05	3.175E-06
6.700E+03	1.273E-05	3.630E-01	2.528E-06	6.006E-27	1.126E-05	8.140E-02	1.642E-05	3.316E-06
6.800E+03	1.520E-05	3.738E-01	3.198E-06	1.615E-26	1.283E-05	7.528E-02	1.787E-05	3.447E-06
6.900E+03	1.808E-05	3.839E-01	4.009E-06	4.204E-26	1.454E-05	6.952E-02	1.932E-05	3.569E-06
7.000E+03	2.143E-05	3.937E-01	4.979E-06	1.061E-25	1.644E-05	6.423E-02	2.075E-05	3.683E-06
7.100E+03	2.532E-05	4.019E-01	6.130E-06	2.600E-25	1.850E-05	5.910E-02	2.214E-05	3.790E-06
7.200E+03	2.983E-05	4.100E-01	7.484E-06	6.188E-25	2.074E-05	5.483E-02	2.349E-05	3.890E-06
7.300E+03	3.505E-05	4.174E-01	9.063E-06	1.433E-24	2.318E-05	5.011E-02	2.478E-05	3.985E-06
7.400E+03	4.107E-05	4.242E-01	1.089E-05	3.230E-24	2.583E-05	4.612E-02	2.600E-05	4.076E-06
7.500E+03	4.803E-05	4.305E-01	1.299E-05	7.7E-24	2.871E-05	4.246E-02	2.715E-05	4.163E-06
7.600E+03	5.603E-05	4.364E-01	1.533E-05	1.8E-23	3.183E-05	3.909E-02	2.823E-05	4.248E-06
7.700E+03	6.522E-05	4.417E-01	1.811E-05	3.187E-23	3.522E-05	3.600E-02	2.922E-05	4.330E-06
7.800E+03	7.577E-05	4.467E-01	2.118E-05	4.525E-23	3.890E-05	3.318E-02	3.014E-05	4.412E-06
7.900E+03	8.785E-05	4.513E-01	2.442E-05	1.307E-22	4.287E-05	3.040E-02	3.098E-05	4.494E-06
8.000E+03	1.017E-04	4.555E-01	2.843E-05	2.566E-22	4.718E-05	2.824E-02	3.174E-05	4.576E-06
8.200E+03	1.354E-04	4.633E-01	3.742E-05	9.324E-22	5.688E-05	2.414E-02	3.304E-05	4.745E-06

Table II. - Continued.

P/PO = 7.00E+02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.364E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	9.370E-42	5.593E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.952E-29	2.093E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	3.102E-22	3.113E-49	1.000E+00	0.	5.000E+02
5.720E-82	6.020E-83	0.	0.	4.489E-17	9.199E-41	1.000E+00	0.	6.000E+02
4.120E-68	5.058E-70	0.	0.	1.544E-13	7.541E-35	1.000E+00	1.253E-94	7.000E+02
6.268E-58	9.288E-61	0.	0.	5.384E-11	9.712E-31	1.000E+00	8.495E-80	8.000E+02
6.027E-51	2.009E-55	0.	0.	1.729E-09	5.964E-29	1.000E+00	3.852E-70	9.000E+02
1.458E-45	1.458E-51	0.	0.	2.184E-08	7.923E-28	1.000E+00	7.995E-63	1.000E+03
3.630E-41	2.017E-48	0.	4.549E-80	1.714E-07	6.345E-27	1.000E+00	7.349E-57	1.100E+03
1.675E-37	8.377E-46	0.	1.529E-71	9.513E-07	3.584E-26	1.000E+00	4.493E-52	1.200E+03
2.115E-34	1.383E-43	0.	2.508E-64	4.047E-06	1.552E-25	1.000E+00	1.113E-47	1.300E+03
9.544E-32	1.105E-41	0.	3.829E-58	1.397E-05	5.450E-25	1.000E+00	4.489E-44	1.400E+03
1.947E-29	4.942E-40	2.564E-95	8.753E-53	4.083E-05	1.620E-24	9.999E-01	5.988E-41	1.500E+03
2.027E-27	1.378E-38	1.091E-91	4.276E-48	1.042E-04	4.202E-24	9.998E-01	3.249E-38	1.600E+03
1.223E-25	2.606E-37	1.745E-88	5.861E-44	2.376E-04	9.748E-24	9.996E-01	8.408E-36	1.700E+03
4.683E-24	3.585E-36	1.259E-85	2.768E-43	4.944E-04	2.073E-23	9.993E-01	1.174E-35	1.800E+03
1.223E-22	5.878E-35	1.105E-82	3.420E-37	9.507E-04	6.382E-23	9.986E-01	9.742E-32	1.900E+03
2.204E-21	2.966E-33	8.212E-79	5.099E-35	1.710E-03	7.136E-22	9.974E-01	5.198E-30	2.000E+03
3.285E-20	1.473E-31	5.335E-75	3.304E-33	2.905E-03	9.450E-21	9.956E-01	1.899E-28	2.100E+03
3.679E-19	5.338E-30	1.639E-71	1.408E-31	4.695E-03	9.463E-20	9.930E-01	5.000E-27	2.200E+03
3.340E-18	1.425E-28	2.587E-68	4.304E-30	7.267E-03	8.109E-19	9.891E-01	9.935E-26	2.300E+03
2.524E-17	2.901E-27	2.325E-65	9.868E-29	1.082E-02	5.814E-18	9.837E-01	1.529E-24	2.400E+03
1.622E-16	4.645E-25	1.175E-62	1.758E-27	1.559E-02	3.559E-17	9.766E-01	1.894E-23	2.500E+03
9.027E-16	5.999E-25	2.689E-60	2.504E-26	2.178E-02	1.893E-16	9.673E-01	1.932E-22	2.600E+03
4.423E-15	6.428E-24	7.578E-58	2.926E-25	2.961E-02	8.887E-16	9.555E-01	1.657E-21	2.700E+03
1.934E-14	5.841E-23	1.065E-55	2.862E-24	3.925E-02	3.729E-15	9.410E-01	1.216E-20	2.800E+03
7.630E-14	4.530E-22	1.957E-53	2.387E-23	5.088E-02	1.415E-14	9.234E-01	7.770E-20	2.900E+03
2.945E-13	3.085E-21	7.874E-52	1.724E-22	6.458E-02	4.898E-14	9.028E-01	4.376E-19	3.000E+03
9.081E-13	1.947E-20	4.407E-50	1.094E-21	8.040E-02	1.561E-13	8.788E-01	2.199E-18	3.100E+03
2.785E-12	9.925E-20	1.914E-48	6.167E-21	9.833E-02	4.614E-13	8.516E-01	9.965E-18	3.200E+03
7.968E-12	4.807E-19	6.661E-47	3.123E-20	1.182E-01	1.267E-12	8.213E-01	4.108E-17	3.300E+03
2.140E-11	2.121E-18	1.878E-45	1.433E-19	1.400E-01	3.282E-12	7.881E-01	1.553E-16	3.400E+03
5.424E-11	9.598E-18	4.365E-44	6.011E-19	1.634E-01	9.059E-12	7.523E-01	5.424E-16	3.500E+03
1.334E-10	3.223E-17	6.550E-43	2.321E-18	1.881E-01	1.868E-11	7.143E-01	1.761E-15	3.600E+03
2.983E-10	1.125E-16	1.434E-41	8.304E-18	2.137E-01	4.121E-11	6.747E-01	5.349E-15	3.700E+03
6.526E-10	3.673E-15	2.059E-40	2.769E-17	2.400E-01	8.589E-11	6.338E-01	1.527E-14	3.800E+03
1.369E-09	1.130E-15	2.606E-39	8.655E-17	2.664E-01	1.757E-10	5.923E-01	4.117E-14	3.900E+03
2.765E-09	2.285E-15	2.399E-38	2.547E-16	2.927E-01	3.417E-10	5.507E-01	1.053E-13	4.000E+03
5.388E-09	9.067E-15	2.875E-37	7.089E-16	3.184E-01	6.412E-10	5.095E-01	2.567E-13	4.100E+03
1.016E-08	2.386E-14	2.561E-36	1.873E-15	3.432E-01	1.164E-09	4.592E-01	5.978E-13	4.200E+03
1.858E-08	6.007E-14	2.063E-35	4.717E-15	3.669E-01	2.045E-09	4.302E-01	1.326E-12	4.300E+03
3.303E-08	1.451E-13	1.519E-34	1.136E-14	3.892E-01	3.507E-09	3.928E-01	2.872E-12	4.400E+03
5.719E-08	3.375E-13	1.026E-33	2.622E-14	4.099E-01	5.844E-09	3.573E-01	5.960E-12	4.500E+03
9.665E-08	7.581E-12	6.397E-33	5.824E-14	4.289E-01	9.506E-09	3.239E-01	1.197E-11	4.600E+03
1.597E-07	1.647E-12	3.704E-32	1.247E-13	4.461E-01	1.512E-08	2.927E-01	2.331E-11	4.700E+03
2.584E-07	3.472E-12	2.301E-31	2.582E-13	4.615E-01	2.354E-08	2.638E-01	4.414E-11	4.800E+03
4.100E-07	7.113E-12	1.014E-30	5.178E-13	4.751E-01	3.596E-08	2.371E-01	9.147E-11	4.900E+03
6.390E-07	1.420E-11	4.834E-30	1.008E-12	4.870E-01	5.395E-08	2.127E-01	1.468E-10	5.000E+03
9.793E-07	2.765E-11	2.178E-29	1.909E-12	4.972E-01	7.960E-09	1.904E-01	2.587E-10	5.100E+03
1.478E-06	5.262E-11	9.207E-29	3.523E-12	5.058E-01	1.156E-07	1.701E-01	4.469E-10	5.200E+03
2.197E-06	9.801E-11	3.784E-28	6.346E-12	5.129E-01	1.656E-07	1.518E-01	7.574E-10	5.300E+03
3.223E-06	1.789E-10	1.468E-27	1.118E-11	5.187E-01	2.339E-07	1.354E-01	1.262E-09	5.400E+03
4.670E-06	3.216E-10	5.445E-27	1.927E-11	5.233E-01	2.263E-07	1.203E-01	2.069E-09	5.500E+03
6.588E-06	5.665E-10	1.938E-26	3.257E-11	5.267E-01	4.499E-07	1.073E-01	3.342E-09	5.600E+03
9.473E-06	9.815E-10	6.631E-26	5.404E-11	5.293E-01	6.135E-07	9.542E-02	5.327E-09	5.700E+03
1.328E-05	1.674E-09	2.184E-25	8.815E-11	5.310E-01	7.279E-07	8.485E-02	8.383E-09	5.800E+03
1.845E-05	2.813E-09	6.943E-25	1.415E-10	5.319E-01	1.106E-06	7.543E-02	1.304E-08	5.900E+03
2.539E-05	4.659E-09	2.133E-24	2.237E-10	5.323E-01	1.464E-06	6.707E-02	2.007E-08	6.000E+03
3.466E-05	7.615E-09	6.338E-24	3.481E-10	5.322E-01	1.921E-06	5.964E-02	3.057E-08	6.100E+03
4.633E-05	1.228E-08	1.825E-23	5.367E-10	5.317E-01	2.498E-06	5.303E-02	4.612E-08	6.200E+03
6.308E-05	1.957E-08	5.099E-23	8.161E-10	5.308E-01	3.222E-06	4.722E-02	6.898E-08	6.300E+03
8.420E-05	3.080E-08	1.383E-22	1.227E-09	5.297E-01	4.123E-06	4.206E-02	1.023E-07	6.400E+03
1.116E-04	4.789E-08	3.646E-22	1.825E-09	5.284E-01	5.235E-06	3.749E-02	1.505E-07	6.500E+03
1.470E-04	7.362E-08	9.348E-22	2.688E-09	5.270E-01	6.596E-06	3.345E-02	2.198E-07	6.600E+03
1.925E-04	1.119E-07	2.333E-21	3.924E-09	5.255E-01	8.250E-06	2.987E-02	3.185E-07	6.700E+03
2.504E-04	1.683E-07	5.673E-21	5.678E-09	5.239E-01	1.024E-05	2.671E-02	4.584E-07	6.800E+03
3.240E-04	2.503E-07	1.344E-20	8.150E-09	5.223E-01	1.263E-05	2.392E-02	6.551E-07	6.900E+03
4.169E-04	3.683E-07	3.107E-20	1.161E-08	5.207E-01	1.547E-05	2.144E-02	9.299E-07	7.000E+03
5.334E-04	5.364E-07	7.011E-20	1.642E-08	5.191E-01	1.882E-05	1.923E-02	1.311E-06	7.100E+03
6.789E-04	7.732E-07	1.545E-19	2.306E-08	5.175E-01	2.274E-05	1.731E-02	1.837E-06	7.200E+03
8.596E-04	1.104E-06	3.327E-19	3.217E-08	5.159E-01	2.730E-05	1.559E-02	2.555E-06	7.300E+03
1.083E-03	1.580E-06	7.308E-19	4.459E-08	5.144E-01	3.257E-05	1.406E-02	3.533E-06	7.400E+03
1.357E-03	2.183E-06	1.444E-18	6.142E-08	5.128E-01	3.863E-05	1.270E-02	4.853E-06	7.500E+03
1.693E-03	3.028E-06	2.915E-18	8.410E-08	5.112E-01	4.555E-05	1.149E-02	6.622E-06	7.600E+03
2.161E-03	4.160E-06	5.765E-18	1.145E-07	5.095E-01	5.339E-05	1.041E-02	8.977E-06	7.700E+03
2.594E-03	5.666E-06	1.118E-17	1.549E-07	5.078E-01	6.225E-05	9.451E-03	1.209E-05	7.800E+03
3.189E-03	7.650E-06	2.127E-17	2.083E-07	5.061E-01	7.218E-05	8.591E-03	1.617E-05	7.900E+03
3.900E-03	1.024E-05	3.972E-17	2.785E-07	5.042E-01	8.326E-05	7.821E-03	2.149E-05	8.000E+03
5.752E-03	1.789E-05	1.314E-16	4.900E-07	4.999E-01	1.091E-04	6.508E-03	3.719E-05	8.200E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.789E-04	4.702E-01	4.829E-05	3.151E-21	6.821E-05	2.073E-02	3.408E-05	4.923E-06
8.600E+03	2.348E-04	4.766E-01	6.128E-05	9.969E-21	8.140E-05	1.791E-02	3.492E-05	5.116E-06
8.800E+03	3.060E-04	4.828E-01	7.665E-05	2.969E-20	9.673E-05	1.558E-02	3.560E-05	5.327E-06
9.000E+03	3.958E-04	4.891E-01	9.468E-05	8.376E-20	1.145E-04	1.364E-02	3.618E-05	5.559E-06
9.200E+03	5.042E-04	4.956E-01	1.157E-04	2.249E-19	1.349E-04	1.204E-02	3.674E-05	5.816E-06
9.400E+03	6.473E-04	5.026E-01	1.402E-04	5.782E-19	1.584E-04	1.070E-02	3.733E-05	6.097E-06
9.600E+03	8.176E-04	5.101E-01	1.688E-04	1.429E-18	1.850E-04	9.502E-03	3.800E-05	6.400E-06
9.800E+03	1.024E-03	5.183E-01	2.021E-04	3.414E-18	2.150E-04	8.661E-03	3.880E-05	6.723E-06
1.000E+04	1.270E-03	5.270E-01	2.409E-04	7.904E-18	2.483E-04	7.875E-03	3.976E-05	7.056E-06
1.020E+04	1.560E-03	5.362E-01	2.862E-04	1.780E-17	2.850E-04	7.204E-03	4.090E-05	7.399E-06
1.040E+04	1.899E-03	5.458E-01	3.390E-04	3.911E-17	3.248E-04	6.625E-03	4.223E-05	7.736E-06
1.060E+04	2.289E-03	5.554E-01	4.005E-04	8.393E-17	3.674E-04	6.118E-03	4.374E-05	8.057E-06
1.080E+04	2.734E-03	5.650E-01	4.720E-04	1.762E-16	4.124E-04	5.668E-03	4.542E-05	8.355E-06
1.100E+04	3.237E-03	5.743E-01	5.547E-04	3.625E-16	4.594E-04	5.263E-03	4.724E-05	8.619E-06
1.120E+04	3.801E-03	5.831E-01	6.501E-04	7.311E-16	5.078E-04	4.895E-03	4.920E-05	8.843E-06
1.140E+04	4.427E-03	5.913E-01	7.596E-04	1.446E-15	5.572E-04	4.557E-03	5.126E-05	9.021E-06
1.160E+04	5.112E-03	5.988E-01	8.848E-04	2.809E-15	6.071E-04	4.245E-03	5.340E-05	9.152E-06
1.180E+04	5.877E-03	6.055E-01	1.027E-03	5.357E-15	6.570E-04	3.955E-03	5.561E-05	9.234E-06
1.200E+04	6.705E-03	6.114E-01	1.189E-03	1.004E-14	7.067E-04	3.686E-03	5.786E-05	9.270E-06
1.220E+04	7.605E-03	6.166E-01	1.371E-03	1.849E-14	7.556E-04	3.435E-03	6.015E-05	9.262E-06
1.240E+04	8.578E-03	6.210E-01	1.576E-03	3.349E-14	8.038E-04	3.202E-03	6.247E-05	9.214E-06
1.260E+04	9.629E-03	6.247E-01	1.805E-03	5.970E-14	8.508E-04	2.985E-03	6.481E-05	9.132E-06
1.280E+04	1.076E-02	6.277E-01	2.061E-03	1.047E-13	8.967E-04	2.784E-03	6.715E-05	9.020E-06
1.300E+04	1.197E-02	6.302E-01	2.345E-03	1.810E-13	9.413E-04	2.597E-03	6.950E-05	8.883E-06
1.320E+04	1.326E-02	6.320E-01	2.660E-03	3.082E-13	9.845E-04	2.424E-03	7.185E-05	8.725E-06
1.340E+04	1.464E-02	6.334E-01	3.008E-03	5.174E-13	1.024E-03	2.263E-03	7.420E-05	8.550E-06
1.360E+04	1.611E-02	6.343E-01	3.391E-03	8.567E-13	1.067E-03	2.115E-03	7.655E-05	8.361E-06
1.380E+04	1.767E-02	6.348E-01	3.812E-03	1.400E-12	1.116E-03	1.977E-03	7.889E-05	8.162E-06
1.400E+04	1.932E-02	6.350E-01	4.272E-03	2.258E-12	1.143E-03	1.849E-03	8.122E-05	7.956E-06
1.420E+04	2.107E-02	6.348E-01	4.775E-03	3.597E-12	1.179E-03	1.731E-03	8.354E-05	7.744E-06
1.440E+04	2.291E-02	6.343E-01	5.323E-03	5.662E-12	1.213E-03	1.622E-03	8.584E-05	7.528E-06
1.460E+04	2.485E-02	6.335E-01	5.918E-03	8.810E-12	1.246E-03	1.521E-03	8.813E-05	7.310E-06
1.480E+04	2.690E-02	6.324E-01	6.563E-03	1.356E-11	1.277E-03	1.426E-03	9.039E-05	7.091E-06
1.500E+04	2.904E-02	6.311E-01	7.261E-03	2.064E-11	1.307E-03	1.339E-03	9.263E-05	6.872E-06
1.520E+04	3.129E-02	6.296E-01	8.013E-03	3.111E-11	1.335E-03	1.258E-03	9.485E-05	6.654E-06
1.540E+04	3.364E-02	6.279E-01	8.824E-03	4.642E-11	1.362E-03	1.182E-03	9.704E-05	6.437E-06
1.560E+04	3.609E-02	6.259E-01	9.695E-03	6.859E-11	1.386E-03	1.112E-03	9.919E-05	6.223E-06
1.580E+04	3.865E-02	6.238E-01	1.063E-02	1.004E-10	1.410E-03	1.047E-03	1.013E-04	6.011E-06
1.600E+04	4.132E-02	6.214E-01	1.163E-02	1.457E-10	1.431E-03	9.854E-04	1.034E-04	5.802E-06
1.620E+04	4.409E-02	6.189E-01	1.270E-02	2.096E-10	1.451E-03	9.282E-04	1.054E-04	5.596E-06
1.640E+04	4.697E-02	6.162E-01	1.383E-02	2.991E-10	1.469E-03	8.748E-04	1.074E-04	5.393E-06
1.660E+04	4.995E-02	6.133E-01	1.505E-02	4.233E-10	1.486E-03	8.247E-04	1.093E-04	5.194E-06
1.680E+04	5.304E-02	6.102E-01	1.633E-02	5.944E-10	1.500E-03	7.778E-04	1.111E-04	4.999E-06
1.700E+04	5.623E-02	6.070E-01	1.770E-02	8.284E-10	1.513E-03	7.328E-04	1.129E-04	4.808E-06
1.720E+04	5.953E-02	6.035E-01	1.914E-02	1.146E-09	1.524E-03	6.924E-04	1.146E-04	4.620E-06
1.740E+04	6.293E-02	5.999E-01	2.066E-02	1.575E-09	1.534E-03	6.535E-04	1.162E-04	4.437E-06
1.760E+04	6.643E-02	5.962E-01	2.227E-02	2.149E-09	1.542E-03	6.170E-04	1.178E-04	4.257E-06
1.780E+04	7.003E-02	5.923E-01	2.397E-02	2.913E-09	1.548E-03	5.825E-04	1.192E-04	4.082E-06
1.800E+04	7.373E-02	5.882E-01	2.575E-02	3.923E-09	1.552E-03	5.500E-04	1.206E-04	3.911E-06
1.820E+04	7.753E-02	5.839E-01	2.762E-02	5.251E-09	1.555E-03	5.184E-04	1.219E-04	3.744E-06
1.840E+04	8.142E-02	5.795E-01	2.957E-02	6.987E-09	1.556E-03	4.905E-04	1.230E-04	3.582E-06
1.860E+04	8.541E-02	5.749E-01	3.162E-02	9.242E-09	1.555E-03	4.632E-04	1.241E-04	3.423E-06
1.880E+04	8.949E-02	5.701E-01	3.376E-02	1.215E-08	1.553E-03	4.373E-04	1.251E-04	3.269E-06
1.900E+04	9.365E-02	5.652E-01	3.599E-02	1.590E-08	1.549E-03	4.129E-04	1.259E-04	3.120E-06
1.920E+04	9.791E-02	5.602E-01	3.832E-02	2.068E-08	1.543E-03	3.898E-04	1.266E-04	2.974E-06
1.940E+04	1.022E-01	5.549E-01	4.073E-02	2.677E-08	1.536E-03	3.679E-04	1.272E-04	2.833E-06
1.960E+04	1.067E-01	5.496E-01	4.324E-02	3.447E-08	1.528E-03	3.472E-04	1.277E-04	2.696E-06
1.980E+04	1.112E-01	5.441E-01	4.584E-02	4.418E-08	1.518E-03	3.275E-04	1.280E-04	2.564E-06
2.000E+04	1.157E-01	5.384E-01	4.853E-02	5.634E-08	1.506E-03	3.089E-04	1.282E-04	2.436E-06
2.020E+04	1.204E-01	5.326E-01	5.131E-02	7.151E-08	1.493E-03	2.913E-04	1.283E-04	2.312E-06
2.040E+04	1.251E-01	5.267E-01	5.417E-02	9.036E-08	1.479E-03	2.745E-04	1.282E-04	2.192E-06
2.060E+04	1.298E-01	5.206E-01	5.713E-02	1.137E-07	1.464E-03	2.587E-04	1.281E-04	2.077E-06
2.080E+04	1.347E-01	5.144E-01	6.016E-02	1.426E-07	1.447E-03	2.437E-04	1.277E-04	1.966E-06
2.100E+04	1.396E-01	5.081E-01	6.328E-02	1.776E-07	1.429E-03	2.294E-04	1.273E-04	1.859E-06
2.120E+04	1.445E-01	5.017E-01	6.649E-02	2.207E-07	1.410E-03	2.159E-04	1.267E-04	1.756E-06
2.140E+04	1.495E-01	4.951E-01	6.977E-02	2.731E-07	1.390E-03	2.031E-04	1.260E-04	1.657E-06
2.160E+04	1.545E-01	4.885E-01	7.312E-02	3.366E-07	1.369E-03	1.910E-04	1.252E-04	1.562E-06
2.180E+04	1.596E-01	4.817E-01	7.654E-02	4.133E-07	1.347E-03	1.795E-04	1.242E-04	1.472E-06
2.200E+04	1.647E-01	4.749E-01	8.004E-02	5.056E-07	1.324E-03	1.686E-04	1.231E-04	1.385E-06
2.220E+04	1.699E-01	4.679E-01	8.360E-02	6.164E-07	1.300E-03	1.583E-04	1.219E-04	1.302E-06
2.240E+04	1.751E-01	4.609E-01	8.722E-02	7.488E-07	1.276E-03	1.485E-04	1.206E-04	1.222E-06
2.260E+04	1.803E-01	4.538E-01	9.089E-02	9.064E-07	1.251E-03	1.393E-04	1.192E-04	1.147E-06
2.280E+04	1.855E-01	4.467E-01	9.462E-02	1.094E-06	1.225E-03	1.306E-04	1.176E-04	1.075E-06
2.300E+04	1.907E-01	4.394E-01	9.840E-02	1.315E-06	1.199E-03	1.223E-04	1.160E-04	1.006E-06
2.320E+04	1.960E-01	4.322E-01	1.022E-01	1.577E-06	1.172E-03	1.155E-04	1.143E-04	9.408E-07
2.340E+04	2.012E-01	4.248E-01	1.061E-01	1.885E-06	1.145E-03	1.071E-04	1.124E-04	8.790E-07
2.360E+04	2.065E-01	4.175E-01	1.100E-01	2.245E-06	1.118E-03	1.002E-04	1.105E-04	8.205E-07
2.380E+04	2.117E-01	4.101E-01	1.139E-01	2.667E-06	1.090E-03	9.364E-05	1.085E-04	7.650E-07
2.400E+04	2.170E-01	4.027E-01	1.179E-01	3.160E-06	1.062E-03	8.747E-05	1.065E-04	7.126E-07
2.420E+04	2.222E-01	3.953E-01	1.218E-01	3.732E-06	1.034E-03	8.165E-05	1.044E-04	6.632E-07
2.440E+04	2.274E-01	3.878E-01	1.258E-01	4.397E-06	1.006E-03	7.617E-05	1.022E-04	6.166E-07
2.460E+04	2.326E-01	3.804E-01	1.298E-01	5.165E-06	9.782E-04	7.102E-05	9.995E-05	5.727E-07
2.480E+04	2.378E-01	3.730E-01	1.339E-01	6.052E-06	9.502E-04	6.618E-05	9.768E-05	5.314E-07
2.500E+04	2.430E-01	3.656E-01	1.379E-01	7.073E-06	9.223E-04	6.164E-05	9.536E-05	4.926E-07

Table II. - Continued.

C	C+	C++	C-	C0	C0+	C02	C2	T
8.321E-03	3.027E-05	4.060E-16	8.421E-07	4.948E-01	1.402E-04	5.444E-03	6.258E-05	8.730E+03
1.181E-02	4.964E-05	1.178E-15	1.414E-06	4.884E-01	1.769E-04	4.575E-03	1.023E-04	8.620E+03
1.643E-02	7.897E-05	3.216E-15	2.320E-06	4.803E-01	2.191E-04	3.854E-03	1.622E-04	8.800E+03
2.240E-02	1.220E-04	8.297E-15	3.713E-06	4.703E-01	2.667E-04	3.262E-03	2.492E-04	9.000E+03
2.991E-02	1.831E-04	2.030E-14	5.794E-06	4.580E-01	3.192E-04	2.763E-03	3.702E-04	9.200E+03
3.912E-02	2.673E-04	4.723E-14	8.805E-06	4.431E-01	3.757E-04	2.341E-03	5.312E-04	9.400E+03
5.008E-02	3.800E-04	1.049E-13	1.302E-05	4.254E-01	4.352E-04	1.982E-03	7.353E-04	9.600E+03
6.274E-02	5.266E-04	2.231E-13	1.873E-05	4.051E-01	4.966E-04	1.675E-03	9.814E-04	9.800E+03
7.695E-02	7.123E-04	4.558E-13	2.619E-05	3.824E-01	5.583E-04	1.411E-03	1.263E-03	1.000E+04
9.245E-02	9.420E-04	8.979E-13	3.561E-05	3.576E-01	6.190E-04	1.184E-03	1.568E-03	1.020E+04
1.089E-01	1.220E-03	1.710E-12	4.711E-05	3.313E-01	6.774E-04	9.893E-04	1.882E-03	1.040E+04
1.258E-01	1.549E-03	3.156E-12	6.071E-05	3.041E-01	7.322E-04	8.224E-04	2.186E-03	1.060E+04
1.429E-01	1.932E-03	5.562E-12	7.630E-05	2.768E-01	7.823E-04	6.800E-04	2.463E-03	1.080E+04
1.597E-01	2.370E-03	9.895E-12	9.370E-05	2.499E-01	8.270E-04	5.593E-04	2.700E-03	1.100E+04
1.759E-01	2.845E-03	1.688E-11	1.126E-04	2.239E-01	8.655E-04	4.577E-04	2.886E-03	1.120E+04
1.912E-01	3.417E-03	2.815E-11	1.328E-04	1.993E-01	8.978E-04	3.729E-04	3.016E-03	1.140E+04
2.054E-01	4.026E-03	4.599E-11	1.538E-04	1.754E-01	9.237E-04	3.025E-04	3.091E-03	1.160E+04
2.183E-01	4.692E-03	7.369E-11	1.752E-04	1.554E-01	9.434E-04	2.446E-04	3.113E-03	1.180E+04
2.300E-01	5.414E-03	1.160E-10	1.969E-04	1.364E-01	9.574E-04	1.973E-04	3.088E-03	1.200E+04
2.403E-01	6.191E-03	1.795E-10	2.185E-04	1.193E-01	9.660E-04	1.589E-04	3.023E-03	1.220E+04
2.493E-01	7.023E-03	2.735E-10	2.397E-04	1.042E-01	9.700E-04	1.278E-04	2.928E-03	1.240E+04
2.570E-01	7.910E-03	4.106E-10	2.604E-04	9.088E-02	9.658E-04	1.027E-04	2.809E-03	1.260E+04
2.636E-01	8.850E-03	6.080E-10	2.805E-04	7.920E-02	9.661E-04	8.262E-05	2.674E-03	1.280E+04
2.692E-01	9.844E-03	8.888E-10	2.997E-04	6.901E-02	9.593E-04	6.651E-05	2.529E-03	1.300E+04
2.738E-01	1.089E-02	1.283E-09	3.181E-04	6.016E-02	9.501E-04	5.361E-05	2.379E-03	1.320E+04
2.776E-01	1.199E-02	1.832E-09	3.356E-04	5.248E-02	9.389E-04	4.329E-05	2.227E-03	1.340E+04
2.806E-01	1.314E-02	2.587E-09	3.521E-04	4.584E-02	9.259E-04	3.502E-05	2.078E-03	1.360E+04
2.829E-01	1.435E-02	3.415E-09	3.677E-04	4.009E-02	9.117E-04	2.840E-05	1.932E-03	1.380E+04
2.846E-01	1.560E-02	5.032E-09	3.822E-04	3.511E-02	8.964E-04	2.309E-05	1.793E-03	1.400E+04
2.857E-01	1.691E-02	6.857E-09	3.958E-04	3.081E-02	8.803E-04	1.882E-05	1.660E-03	1.420E+04
2.864E-01	1.827E-02	9.317E-09	4.084E-04	2.708E-02	8.636E-04	1.538E-05	1.534E-03	1.440E+04
2.867E-01	1.967E-02	1.255E-08	4.200E-04	2.385E-02	8.464E-04	1.260E-05	1.416E-03	1.460E+04
2.866E-01	2.113E-02	1.678E-08	4.307E-04	2.105E-02	8.289E-04	1.036E-05	1.306E-03	1.480E+04
2.861E-01	2.263E-02	2.225E-08	4.404E-04	1.861E-02	8.111E-04	8.532E-06	1.203E-03	1.500E+04
2.854E-01	2.417E-02	2.928E-08	4.491E-04	1.648E-02	7.932E-04	7.048E-06	1.107E-03	1.520E+04
2.844E-01	2.576E-02	3.827E-08	4.569E-04	1.463E-02	7.752E-04	5.837E-06	1.018E-03	1.540E+04
2.831E-01	2.740E-02	4.967E-08	4.637E-04	1.301E-02	7.572E-04	4.847E-06	9.358E-04	1.560E+04
2.816E-01	2.907E-02	6.405E-08	4.697E-04	1.159E-02	7.391E-04	4.034E-06	8.598E-04	1.580E+04
2.800E-01	3.077E-02	8.207E-08	4.747E-04	1.034E-02	7.211E-04	3.365E-06	7.896E-04	1.600E+04
2.781E-01	3.252E-02	1.045E-07	4.788E-04	9.244E-03	7.032E-04	2.814E-06	7.249E-04	1.620E+04
2.761E-01	3.429E-02	1.324E-07	4.821E-04	8.277E-03	6.853E-04	2.358E-06	6.653E-04	1.640E+04
2.740E-01	3.610E-02	1.666E-07	4.845E-04	7.422E-03	6.676E-04	1.980E-06	6.103E-04	1.660E+04
2.717E-01	3.793E-02	2.087E-07	4.860E-04	6.666E-03	6.500E-04	1.666E-06	5.597E-04	1.680E+04
2.693E-01	3.979E-02	2.600E-07	4.868E-04	5.995E-03	6.325E-04	1.404E-06	5.131E-04	1.700E+04
2.668E-01	4.167E-02	3.222E-07	4.867E-04	5.399E-03	6.152E-04	1.186E-06	4.703E-04	1.720E+04
2.642E-01	4.357E-02	3.974E-07	4.859E-04	4.869E-03	5.980E-04	1.003E-06	4.309E-04	1.740E+04
2.615E-01	4.549E-02	4.878E-07	4.844E-04	4.395E-03	5.809E-04	8.497E-07	3.947E-04	1.760E+04
2.587E-01	4.741E-02	5.761E-07	4.821E-04	3.973E-03	5.641E-04	7.209E-07	3.614E-04	1.780E+04
2.558E-01	4.935E-02	7.252E-07	4.792E-04	3.595E-03	5.474E-04	6.125E-07	3.308E-04	1.800E+04
2.529E-01	5.129E-02	8.786E-07	4.756E-04	3.256E-03	5.310E-04	5.211E-07	3.028E-04	1.820E+04
2.499E-01	5.324E-02	1.060E-06	4.715E-04	2.951E-03	5.147E-04	4.438E-07	2.770E-04	1.840E+04
2.469E-01	5.519E-02	1.274E-06	4.667E-04	2.678E-03	4.987E-04	3.784E-07	2.533E-04	1.860E+04
2.438E-01	5.713E-02	1.524E-06	4.614E-04	2.431E-03	4.828E-04	3.230E-07	2.3.6E-04	1.880E+04
2.406E-01	5.907E-02	1.818E-06	4.556E-04	2.209E-03	4.672E-04	2.760E-07	2.117E-04	1.900E+04
2.375E-01	6.100E-02	2.160E-06	4.493E-04	2.009E-03	4.519E-04	2.361E-07	1.934E-04	1.920E+04
2.342E-01	6.292E-02	2.557E-06	4.426E-04	1.828E-03	4.367E-04	2.021E-07	1.767E-04	1.940E+04
2.310E-01	6.483E-02	3.017E-06	4.355E-04	1.664E-03	4.219E-04	1.731E-07	1.613E-04	1.960E+04
2.278E-01	6.672E-02	3.548E-06	4.280E-04	1.516E-03	4.073E-04	1.484E-07	1.473E-04	1.980E+04
2.245E-01	6.859E-02	4.159E-06	4.202E-04	1.382E-03	3.929E-04	1.273E-07	1.344E-04	2.000E+04
2.212E-01	7.045E-02	4.860E-06	4.121E-04	1.260E-03	3.788E-04	1.092E-07	1.226E-04	2.020E+04
2.179E-01	7.228E-02	5.662E-06	4.037E-04	1.149E-03	3.651E-04	9.380E-08	1.119E-04	2.040E+04
2.146E-01	7.408E-02	6.578E-06	3.951E-04	1.049E-03	3.516E-04	8.059E-08	1.020E-04	2.060E+04
2.113E-01	7.586E-02	7.620E-06	3.863E-04	9.573E-04	3.384E-04	6.921E-08	9.300E-05	2.080E+04
2.080E-01	7.761E-02	8.803E-06	3.773E-04	8.741E-04	3.255E-04	5.956E-08	8.477E-05	2.100E+04
2.047E-01	7.934E-02	1.014E-05	3.682E-04	7.983E-04	3.129E-04	5.123E-08	7.724E-05	2.120E+04
2.014E-01	8.103E-02	1.166E-05	3.590E-04	7.293E-04	3.006E-04	4.408E-08	7.037E-05	2.140E+04
1.981E-01	8.269E-02	1.336E-05	3.498E-04	6.663E-04	2.886E-04	3.794E-08	6.409E-05	2.160E+04
1.949E-01	8.432E-02	1.528E-05	3.404E-04	6.089E-04	2.769E-04	3.266E-08	5.837E-05	2.180E+04
1.916E-01	8.592E-02	1.743E-05	3.311E-04	5.566E-04	2.656E-04	2.812E-08	5.314E-05	2.200E+04
1.884E-01	8.748E-02	1.984E-05	3.217E-04	5.088E-04	2.546E-04	2.422E-08	4.837E-05	2.220E+04
1.852E-01	8.901E-02	2.253E-05	3.124E-04	4.651E-04	2.439E-04	2.086E-08	4.403E-05	2.240E+04
1.820E-01	9.051E-02	2.554E-05	3.031E-04	4.253E-04	2.335E-04	1.797E-08	4.007E-05	2.260E+04
1.788E-01	9.197E-02	2.888E-05	2.939E-04	3.888E-04	2.234E-04	1.548E-08	3.646E-05	2.280E+04
1.757E-01	9.340E-02	3.260E-05	2.847E-04	3.556E-04	2.137E-04	1.334E-08	3.317E-05	2.300E+04
1.726E-01	9.479E-02	3.673E-05	2.757E-04	3.251E-04	2.042E-04	1.149E-08	3.017E-05	2.320E+04
1.695E-01	9.614E-02	4.130E-05	2.667E-04	2.973E-04	1.951E-04	9.902E-09	2.744E-05	2.340E+04
1.665E-01	9.747E-02	4.635E-05	2.579E-04	2.719E-04	1.863E-04	8.532E-09	2.496E-05	2.360E+04
1.634E-01	9.875E-02	5.193E-05	2.492E-04	2.487E-04	1.778E-04	7.352E-09	2.270E-05	2.380E+04
1.605E-01	1.000E-01	5.807E-05	2.406E-04	2.274E-04	1.696E-04	6.355E-09	2.065E-05	2.400E+04
1.575E-01	1.012E-01	6.484E-05	2.322E-04	2.080E-04	1.617E-04	5.458E-09	1.877E-05	2.420E+04
1.546E-01	1.024E-01	7.228E-05	2.240E-04	1.902E-04	1.542E-04	4.703E-09	1.707E-05	2.440E+04
1.517E-01	1.036E-01	8.045E-05	2.159E-04	1.739E-04	1.469E-04	4.052E-09	1.553E-05	2.460E+04
1.489E-01	1.047E-01	8.940E-05	2.080E-04	1.591E-04	1.398E-04	3.491E-09	1.412E-05	2.480E+04
1.461E-01	1.058E-01	9.921E-05	2.003E-04	1.454E-04	1.331E-04	3.008E-09	1.264E-05	2.500E+04

Table II. - Continued.

P/PO = 8.00E+02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.542E-11	1.760E-18	0.
2.000E+02	0.	2.60E-69	0.	0.	0.	5.120E-11	1.760E-18	0.
3.000E+02	0.	1.165E-47	1.203E-81	0.	0.	4.882E-11	1.760E-18	0.
4.000E+02	0.	8.429E-37	2.871E-64	0.	0.	5.303E-11	1.760E-18	0.
5.000E+02	0.	2.898E-30	8.505E-54	0.	0.	4.935E-11	1.760E-18	0.
6.000E+02	1.363E-96	6.686E-26	8.176E-47	0.	0.	4.898E-11	1.760E-18	0.
7.000E+02	5.428E-82	8.638E-23	8.297E-42	0.	1.191E-91	4.621E-11	1.760E-18	5.945E-83
8.000E+02	8.177E-71	2.393E-20	3.749E-38	0.	1.682E-79	7.164E-11	1.760E-18	1.272E-72
9.000E+02	3.625E-61	5.633E-18	8.936E-34	0.	1.218E-68	8.740E-10	1.760E-18	1.037E-62
1.000E+03	3.151E-53	5.695E-16	5.629E-36	0.	1.231E-59	1.049E-08	1.760E-18	2.319E-54
1.100E+03	1.032E-46	2.526E-14	1.659E-32	3.	2.978E-52	8.283E-08	1.760E-18	1.648E-47
1.200E+03	2.822E-41	5.971E-13	2.789E-31	0.	4.243E-46	4.550E-07	1.760E-18	8.438E-42
1.300E+03	1.140E-36	8.00E-12	3.051E-30	0.	6.827E-41	1.936E-06	1.760E-18	5.696E-37
1.400E+03	1.024E-32	8.634E-11	2.379E-26	0.	1.979E-36	6.683E-06	1.760E-18	7.823E-33
1.500E+03	2.730E-27	6.321E-10	1.414E-28	0.	1.455E-32	1.953E-05	1.760E-18	3.006E-29
1.600E+03	2.796E-26	3.610E-09	6.745E-28	0.	3.513E-29	4.983E-05	1.760E-18	4.104E-28
1.700E+03	1.263E-23	1.680E-08	2.682E-27	0.	3.386E-26	1.137E-04	1.760E-18	2.389E-23
1.800E+03	2.899E-21	4.593E-08	9.217E-27	0.	1.511E-23	2.364E-04	1.770E-18	6.799E-21
1.900E+03	2.477E-19	2.241E-07	4.243E-26	0.	2.326E-21	4.546E-04	1.760E-18	6.988E-19
2.000E+03	3.344E-18	6.738E-07	6.847E-25	0.	5.295E-20	8.175E-04	1.620E-17	1.105E-17
2.100E+03	2.434E-17	1.824E-06	1.235E-23	0.	6.147E-19	1.388E-03	1.188E-16	9.210E-17
2.200E+03	1.427E-16	4.510E-06	1.783E-22	1.959E-87	5.476E-18	2.244E-03	7.563E-16	6.064E-16
2.300E+03	7.159E-16	1.030E-05	2.057E-21	1.579E-83	4.005E-17	3.471E-03	4.118E-15	3.361E-15
2.400E+03	3.147E-15	2.195E-05	1.937E-20	6.039E-80	2.474E-16	5.169E-03	1.947E-14	1.608E-14
2.500E+03	1.232E-14	4.399E-05	1.525E-19	1.197E-76	1.318E-15	7.439E-03	8.122E-14	6.761E-14
2.600E+03	4.353E-14	8.348E-05	1.025E-18	1.324E-73	6.158E-15	1.038E-02	3.031E-13	2.536E-13
2.700E+03	1.404E-13	1.509E-04	5.985E-18	8.730E-71	2.561E-14	1.410E-02	1.024E-12	8.588E-13
2.800E+03	4.176E-13	2.611E-04	3.079E-17	3.623E-68	9.594E-14	1.867E-02	3.164E-12	2.654E-12
2.900E+03	1.154E-12	4.343E-04	1.414E-16	9.929E-66	3.272E-13	2.417E-02	9.018E-12	7.551E-12
3.000E+03	2.985E-12	6.970E-04	5.861E-16	1.872E-63	1.025E-12	3.062E-02	2.390E-11	1.993E-11
3.100E+03	7.274E-12	1.083E-03	2.215E-15	2.518E-61	2.975E-12	3.804E-02	5.926E-11	4.916E-11
3.200E+03	1.679E-11	1.633E-03	7.694E-15	2.493E-59	8.048E-12	4.641E-02	1.383E-10	1.139E-10
3.300E+03	3.687E-11	2.396E-03	7.475E-14	1.868E-57	2.042E-11	5.566E-02	3.053E-10	2.492E-10
3.400E+03	7.741E-11	3.427E-03	7.423E-14	1.086E-55	4.887E-11	6.568E-02	6.404E-10	5.174E-10
3.500E+03	1.559E-10	4.791E-03	2.087E-13	5.003E-54	1.108E-10	7.634E-02	1.242E-09	1.023E-09
3.600E+03	3.022E-10	6.554E-03	5.533E-13	1.862E-52	2.390E-10	8.746E-02	2.456E-09	1.933E-09
3.700E+03	5.654E-10	8.789E-03	1.389E-12	5.700E-51	4.925E-10	9.886E-02	4.520E-09	3.73E-09
3.800E+03	1.024E-09	1.157E-02	3.317E-12	1.457E-49	9.724E-10	1.103E-01	8.015E-09	6.105E-09
3.900E+03	1.799E-09	1.497E-02	7.560E-12	3.152E-48	1.843E-09	1.226E-01	1.373E-08	1.026E-08
4.000E+03	3.074E-09	1.905E-02	1.651E-11	5.846E-47	3.374E-09	1.325E-01	2.277E-08	1.666E-08
4.100E+03	5.116E-09	2.389E-02	3.464E-11	9.402E-46	5.962E-09	1.429E-01	3.664E-08	2.621E-08
4.200E+03	8.307E-09	2.954E-02	7.004E-11	1.325E-44	1.020E-08	1.524E-01	5.733E-08	4.001E-08
4.300E+03	1.319E-08	3.604E-02	1.368E-10	1.651E-43	1.694E-08	1.610E-01	8.740E-08	5.399E-08
4.400E+03	2.048E-08	4.342E-02	2.589E-10	1.835E-42	2.734E-08	1.686E-01	1.300E-07	8.585E-08
4.500E+03	3.119E-08	5.172E-02	4.754E-10	1.832E-41	4.297E-08	1.749E-01	1.891E-07	1.211E-07
4.600E+03	4.659E-08	6.094E-02	8.490E-10	1.656E-40	6.589E-08	1.800E-01	2.692E-07	1.668E-07
4.700E+03	6.838E-08	7.106E-02	1.477E-09	1.364E-39	9.848E-08	1.837E-01	3.757E-07	2.247E-07
4.800E+03	9.848E-08	8.206E-02	2.508E-09	1.029E-38	1.446E-07	1.862E-01	5.146E-07	2.965E-07
4.900E+03	1.402E-07	9.391E-02	4.161E-09	7.158E-38	2.074E-07	1.874E-01	6.925E-07	3.837E-07
5.000E+03	1.961E-07	1.066E-01	6.757E-09	4.609E-37	2.919E-07	1.873E-01	9.166E-07	4.874E-07
5.100E+03	2.706E-07	1.199E-01	1.075E-08	2.760E-36	4.031E-07	1.860E-01	1.194E-06	6.083E-07
5.200E+03	3.684E-07	1.339E-01	1.679E-08	1.544E-35	5.471E-07	1.836E-01	1.534E-06	7.466E-07
5.300E+03	4.952E-07	1.485E-01	2.574E-08	8.102E-35	7.303E-07	1.802E-01	1.942E-06	9.071E-07
5.400E+03	6.579E-07	1.635E-01	3.880E-08	3.999E-34	9.597E-07	1.760E-01	2.427E-06	1.074E-06
5.500E+03	8.642E-07	1.789E-01	5.755E-08	1.864E-33	1.243E-06	1.709E-01	2.995E-06	1.260E-06
5.600E+03	1.123E-06	1.945E-01	8.405E-08	8.225E-33	1.587E-06	1.651E-01	3.652E-06	1.460E-06
5.700E+03	1.445E-06	2.102E-01	1.210E-07	3.446E-32	2.000E-06	1.588E-01	4.403E-06	1.669E-06
5.800E+03	1.842E-06	2.259E-01	1.717E-07	1.374E-31	2.489E-06	1.520E-01	5.250E-06	1.887E-06
5.900E+03	2.328E-06	2.415E-01	2.404E-07	5.227E-31	3.062E-06	1.449E-01	6.196E-06	2.109E-06
6.000E+03	2.917E-06	2.569E-01	3.324E-07	1.901E-30	3.726E-06	1.376E-01	7.238E-06	2.334E-06
6.100E+03	3.627E-06	2.721E-01	4.539E-07	6.622E-30	4.489E-06	1.302E-01	8.375E-06	2.557E-06
6.200E+03	4.478E-06	2.868E-01	6.125E-07	2.213E-29	5.357E-06	1.227E-01	9.602E-06	2.777E-06
6.300E+03	5.492E-06	3.010E-01	8.171E-07	7.111E-29	6.336E-06	1.153E-01	1.091E-05	2.991E-06
6.400E+03	6.694E-06	3.147E-01	1.078E-06	2.199E-28	7.435E-06	1.081E-01	1.229E-05	3.197E-06
6.500E+03	8.114E-06	3.278E-01	1.407E-06	6.554E-28	8.658E-06	1.010E-01	1.373E-05	3.394E-06
6.600E+03	9.783E-06	3.403E-01	1.818E-06	1.886E-27	1.001E-05	9.411E-02	1.522E-05	3.582E-06
6.700E+03	1.174E-05	3.521E-01	2.326E-06	5.242E-27	1.151E-05	8.753E-02	1.675E-05	3.759E-06
6.800E+03	1.403E-05	3.633E-01	2.946E-06	1.410E-26	1.316E-05	8.127E-02	1.829E-05	3.926E-06
6.900E+03	1.669E-05	3.738E-01	3.698E-06	3.674E-26	1.496E-05	7.533E-02	1.983E-05	4.082E-06
7.000E+03	1.980E-05	3.835E-01	4.599E-06	9.284E-26	1.694E-05	6.973E-02	2.136E-05	4.229E-06
7.100E+03	2.340E-05	3.927E-01	5.671E-06	2.277E-25	1.909E-05	6.447E-02	2.287E-05	4.367E-06
7.200E+03	2.757E-05	4.012E-01	6.933E-06	5.428E-25	2.144E-05	5.957E-02	2.434E-05	4.497E-06
7.300E+03	3.239E-05	4.090E-01	8.410E-06	1.259E-24	2.399E-05	5.500E-02	2.575E-05	4.620E-06
7.400E+03	3.795E-05	4.163E-01	1.012E-05	2.843E-24	2.676E-05	5.077E-02	2.710E-05	4.737E-06
7.500E+03	4.436E-05	4.231E-01	1.209E-05	6.259E-24	2.978E-05	4.685E-02	2.839E-05	4.849E-06
7.600E+03	5.173E-05	4.293E-01	1.435E-05	1.345E-23	3.304E-05	4.324E-02	2.959E-05	4.958E-06
7.700E+03	6.019E-05	4.351E-01	1.691E-05	2.822E-23	3.659E-05	3.981E-02	3.072E-05	5.063E-06
7.800E+03	6.988E-05	4.404E-01	1.981E-05	5.790E-23	4.042E-05	3.686E-02	3.177E-05	5.167E-06
7.900E+03	8.097E-05	4.453E-01	2.304E-05	1.163E-22	4.457E-05	3.486E-02	3.273E-05	5.269E-06
8.000E+03	9.364E-05	4.499E-01	2.670E-05	2.287E-22	4.906E-05	3.149E-02	3.361E-05	5.371E-06
8.200E+03	1.245E-04	4.582E-01	3.521E-05	8.346E-22	5.914E-05	2.699E-02	3.514E-05	5.577E-06

Table II. - Continued.

P/P0 = 8.00E+02

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.199E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.932E-42	5.932E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.811E-29	1.908E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.775E-22	4.792E-49	1.000E+00	0.	5.000E+02
4.925E-82	5.090E-83	0.	0.	4.164E-17	8.387E-41	1.000E+00	0.	6.000E+02
3.632E-68	4.397E-70	0.	0.	1.442E-13	7.020E-35	1.000E+00	1.098E-94	7.000E+02
5.612E-58	8.541E-61	0.	0.	5.094E-11	9.401E-31	1.000E+00	7.782E-80	8.000E+02
5.505E-51	1.911E-55	0.	0.	1.652E-09	5.950E-29	1.000E+00	3.675E-70	9.000E+02
1.334E-45	1.394E-51	0.	2.334E-90	2.089E-08	7.922E-28	1.000E+00	7.646E-63	1.000E+03
3.313E-41	1.929E-48	0.	3.980E-80	1.640E-07	6.345E-27	1.000E+00	7.076E-57	1.100E+03
1.532E-37	8.012E-46	0.	1.338E-71	9.099E-07	3.584E-26	1.000E+00	6.593E-52	1.200E+03
1.935E-34	1.323E-43	0.	2.194E-64	3.871E-06	1.552E-25	1.000E+00	1.055E-47	1.300E+03
6.823E-32	1.057E-41	0.	3.351E-58	1.652E-05	5.450E-25	1.000E+00	4.294E-44	1.400E+03
1.781E-29	4.726E-40	2.564E-95	7.659E-53	3.906E-05	1.620E-24	9.999E-01	5.727E-41	1.500E+03
1.854E-27	1.318E-38	1.091E-91	3.742E-48	9.966E-05	4.202E-24	9.999E-01	3.108E-38	1.600E+03
1.119E-25	2.493E-37	1.745E-88	5.128E-44	2.274E-04	9.748E-24	9.997E-01	8.042E-36	1.700E+03
4.284E-24	3.426E-36	1.248E-85	2.424E-40	4.729E-04	2.071E-23	9.993E-01	1.123E-33	1.800E+03
1.118E-22	5.456E-35	1.041E-82	3.084E-37	9.093E-04	6.194E-23	9.986E-01	9.318E-32	1.900E+03
2.108E-21	2.693E-33	7.398E-79	4.701E-35	1.636E-03	6.774E-22	9.975E-01	4.972E-30	2.000E+03
3.005E-20	1.335E-31	4.791E-75	3.051E-33	2.779E-03	8.576E-21	9.958E-01	1.816E-28	2.100E+03
3.366E-19	4.841E-30	1.518E-71	1.300E-31	4.492E-03	8.973E-20	9.933E-01	4.783E-27	2.200E+03
3.056E-18	1.293E-28	2.418E-68	3.971E-30	6.953E-03	7.695E-19	9.896E-01	9.476E-26	2.300E+03
2.309E-17	2.633E-27	2.095E-65	9.100E-29	1.036E-02	5.520E-18	9.844E-01	1.463E-24	2.400E+03
1.484E-16	4.219E-26	1.060E-62	1.621E-27	1.492E-02	3.381E-17	9.776E-01	1.813E-23	2.500E+03
8.261E-16	5.450E-25	3.328E-60	2.309E-26	2.085E-02	1.799E-16	9.687E-01	1.849E-22	2.600E+03
4.049E-15	5.841E-24	6.839E-58	2.697E-25	2.835E-02	8.451E-16	9.574E-01	1.586E-21	2.700E+03
1.770E-14	5.301E-23	9.622E-56	2.638E-24	3.761E-02	3.548E-15	9.435E-01	1.165E-20	2.800E+03
6.986E-14	4.119E-22	9.539E-54	2.201E-23	4.877E-02	1.347E-14	9.266E-01	7.445E-20	2.900E+03
2.514E-13	2.806E-21	7.111E-52	1.590E-22	6.194E-02	4.665E-14	9.067E-01	4.195E-19	3.000E+03
8.319E-13	1.680E-20	3.980E-50	1.009E-21	7.717E-02	1.488E-13	8.837E-01	2.110E-18	3.100E+03
2.552E-12	9.030E-20	1.734E-48	5.693E-21	9.446E-02	4.400E-13	8.575E-01	9.564E-18	3.200E+03
7.304E-12	4.374E-19	6.015E-47	2.884E-20	1.137E-01	1.209E-12	8.282E-01	3.945E-17	3.300E+03
1.963E-11	1.930E-18	1.695E-45	1.325E-19	1.348E-01	3.135E-12	7.961E-01	1.493E-16	3.400E+03
4.977E-11	7.824E-18	3.939E-44	5.561E-19	1.575E-01	7.702E-12	7.614E-01	5.219E-16	3.500E+03
1.197E-10	2.933E-17	7.723E-43	2.149E-18	1.815E-01	1.786E-11	7.245E-01	1.696E-15	3.600E+03
2.740E-10	1.023E-16	1.293E-41	7.698E-18	2.065E-01	3.945E-11	6.858E-01	5.157E-15	3.700E+03
5.998E-10	3.344E-16	1.860E-40	2.571E-17	2.322E-01	8.325E-11	6.459E-01	1.474E-14	3.800E+03
1.259E-09	1.028E-15	2.348E-39	8.044E-17	2.582E-01	1.685E-10	6.052E-01	3.978E-14	3.900E+03
2.544E-09	2.988E-15	2.607E-38	2.370E-16	2.841E-01	3.280E-10	5.643E-01	1.019E-13	4.000E+03
4.960E-09	8.244E-15	2.582E-37	6.606E-16	3.096E-01	6.160E-10	5.236E-01	2.485E-13	4.100E+03
9.356E-09	2.169E-14	2.297E-36	1.748E-15	3.344E-01	1.119E-09	4.836E-01	5.795E-13	4.200E+03
1.712E-08	5.456E-14	1.847E-35	4.409E-15	3.581E-01	1.972E-09	4.448E-01	1.296E-12	4.300E+03
3.044E-08	1.317E-13	1.358E-34	1.063E-14	3.805E-01	3.376E-09	4.075E-01	2.789E-12	4.400E+03
5.274E-08	3.062E-13	9.149E-34	2.459E-14	4.015E-01	5.630E-09	3.719E-01	5.792E-12	4.500E+03
8.915E-08	5.868E-13	5.692E-33	5.469E-14	4.209E-01	9.162E-09	3.382E-01	1.164E-11	4.600E+03
1.473E-07	1.491E-12	3.287E-32	1.173E-13	4.386E-01	1.458E-08	3.066E-01	2.267E-11	4.700E+03
2.384E-07	3.138E-12	1.771E-31	2.433E-13	4.545E-01	2.270E-08	2.773E-01	4.295E-11	4.800E+03
3.783E-07	6.419E-12	8.943E-31	4.886E-13	4.687E-01	9.946E-08	2.501E-01	7.926E-11	4.900E+03
5.895E-07	1.279E-11	4.250E-30	9.528E-13	4.811E-01	5.203E-08	2.250E-01	1.428E-10	5.000E+03
9.032E-07	2.485E-11	1.978E-29	1.807E-12	4.920E-01	7.676E-08	2.021E-01	2.516E-10	5.100E+03
1.362E-06	4.719E-11	8.120E-29	3.340E-12	5.012E-01	1.115E-07	1.812E-01	4.342E-10	5.200E+03
2.025E-06	8.770E-11	3.287E-28	6.024E-12	5.090E-01	1.595E-07	1.623E-01	7.352E-10	5.300E+03
2.969E-06	1.597E-10	1.269E-27	1.062E-11	5.154E-01	2.253E-07	1.451E-01	1.223E-09	5.400E+03
4.298E-06	2.863E-10	4.689E-27	1.833E-11	5.206E-01	3.140E-07	1.297E-01	2.002E-09	5.500E+03
6.149E-06	5.028E-10	1.661E-26	3.102E-11	5.247E-01	4.326E-07	1.158E-01	3.229E-09	5.600E+03
8.701E-06	8.685E-10	5.653E-26	5.133E-11	5.277E-01	5.893E-07	1.033E-01	5.136E-09	5.700E+03
1.219E-05	1.477E-09	1.853E-25	8.411E-11	5.299E-01	7.945E-07	9.212E-02	8.065E-09	5.800E+03
1.690E-05	2.473E-09	3.860E-25	1.351E-10	5.314E-01	1.060E-06	8.214E-02	1.251E-08	5.900E+03
2.323E-05	4.084E-09	1.791E-24	2.137E-10	5.322E-01	1.402E-06	7.324E-02	1.920E-08	6.000E+03
3.167E-05	6.653E-09	5.295E-24	3.325E-10	5.324E-01	1.837E-06	5.532E-02	2.916E-08	6.100E+03
4.282E-05	1.070E-08	1.517E-23	5.124E-10	5.322E-01	2.387E-06	5.827E-02	4.387E-08	6.200E+03
5.746E-05	1.699E-08	4.218E-23	7.799E-10	5.316E-01	3.073E-06	5.200E-02	6.540E-08	6.300E+03
7.655E-05	2.665E-08	1.139E-22	1.172E-09	5.307E-01	3.931E-06	4.643E-02	9.666E-08	6.400E+03
1.013E-04	4.132E-08	2.990E-22	1.743E-09	5.296E-01	4.987E-06	4.148E-02	1.417E-07	6.500E+03
1.332E-04	6.335E-08	7.636E-22	2.565E-09	5.283E-01	6.278E-06	3.710E-02	2.062E-07	6.600E+03
1.741E-04	9.604E-08	1.899E-21	3.741E-09	5.269E-01	7.847E-06	3.321E-02	2.978E-07	6.700E+03
2.261E-04	1.440E-07	4.602E-21	5.409E-09	5.254E-01	9.739E-06	2.975E-02	4.271E-07	6.800E+03
2.921E-04	2.137E-07	1.088E-20	7.754E-09	5.239E-01	1.200E-05	2.669E-02	6.083E-07	6.900E+03
3.751E-04	3.139E-07	2.508E-20	1.103E-08	5.223E-01	1.469E-05	2.397E-02	8.606E-07	7.000E+03
4.792E-04	4.562E-07	5.647E-20	1.558E-08	5.207E-01	1.787E-05	2.156E-02	1.209E-06	7.100E+03
6.090E-04	6.566E-07	1.242E-19	2.185E-08	5.191E-01	2.159E-05	1.942E-02	1.689E-06	7.200E+03
7.699E-04	9.359E-07	2.672E-19	3.043E-08	5.176E-01	2.593E-05	1.751E-02	2.343E-06	7.300E+03
9.586E-04	1.321E-06	5.622E-19	4.211E-08	5.160E-01	3.094E-05	1.582E-02	3.230E-06	7.400E+03
1.212E-03	1.848E-06	1.158E-18	5.792E-08	5.144E-01	3.671E-05	1.431E-02	4.425E-06	7.500E+03
1.510E-03	2.560E-06	2.336E-18	7.917E-08	5.128E-01	4.330E-05	1.296E-02	6.024E-06	7.600E+03
1.872E-03	3.516E-06	4.620E-18	1.076E-07	5.112E-01	5.079E-05	1.176E-02	8.149E-06	7.700E+03
2.310E-03	4.787E-06	8.960E-18	1.453E-07	5.095E-01	5.925E-05	1.068E-02	1.095E-05	7.800E+03
2.837E-03	6.461E-06	1.705E-17	1.952E-07	5.078E-01	6.875E-05	9.722E-03	1.463E-05	7.900E+03
3.467E-03	8.647E-06	3.187E-17	2.608E-07	5.059E-01	7.937E-05	8.859E-03	1.941E-05	8.000E+03
5.108E-03	1.512E-05	1.056E-16	4.575E-07	5.019E-01	1.042E-04	7.386E-03	3.353E-05	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	1.643E-04	4.656E-01	4.554E-05	2.832E-21	7.089E-05	2.323E-02	3.639E-05	5.790E-06
8.600E+03	2.153E-04	4.723E-01	5.795E-05	8.996E-21	8.454E-05	2.011E-02	3.740E-05	6.017E-06
8.800E+03	2.801E-04	4.787E-01	7.263E-05	2.689E-20	1.004E-04	1.750E-02	3.822E-05	6.262E-06
9.000E+03	3.618E-04	4.850E-01	8.987E-05	7.610E-20	1.186E-04	1.533E-02	3.893E-05	6.529E-06
9.200E+03	4.640E-04	4.915E-01	1.100E-04	2.049E-19	1.396E-04	1.383E-02	3.958E-05	6.821E-06
9.400E+03	5.903E-04	4.983E-01	1.334E-04	5.277E-19	1.637E-04	1.203E-02	4.024E-05	7.140E-06
9.600E+03	7.451E-04	5.056E-01	1.606E-04	1.306E-18	1.910E-04	1.037E-02	4.096E-05	7.484E-06
9.800E+03	9.325E-04	5.135E-01	1.923E-04	3.119E-18	2.218E-04	9.716E-03	4.180E-05	7.852E-06
1.000E+04	1.157E-03	5.219E-01	2.291E-04	7.220E-18	2.561E-04	8.826E-03	4.280E-05	8.237E-06
1.020E+04	1.422E-03	5.308E-01	2.719E-04	1.624E-17	2.939E-04	8.048E-03	4.397E-05	8.631E-06
1.040E+04	1.732E-03	5.401E-01	3.218E-04	3.561E-17	3.351E-04	7.415E-03	4.534E-05	9.025E-06
1.060E+04	2.090E-03	5.496E-01	3.798E-04	7.627E-17	3.793E-04	6.846E-03	4.691E-05	9.408E-06
1.080E+04	2.500E-03	5.591E-01	4.471E-04	1.598E-16	4.264E-04	6.343E-03	4.865E-05	9.769E-06
1.100E+04	2.963E-03	5.684E-01	5.248E-04	3.279E-16	4.757E-04	5.893E-03	5.057E-05	1.010E-05
1.120E+04	3.484E-03	5.773E-01	6.144E-04	6.596E-16	5.268E-04	5.485E-03	5.262E-05	1.038E-05
1.140E+04	4.064E-03	5.858E-01	7.173E-04	1.302E-15	5.792E-04	5.111E-03	5.460E-05	1.062E-05
1.160E+04	4.706E-03	5.936E-01	8.348E-04	2.522E-15	6.324E-04	4.767E-03	5.708E-05	1.080E-05
1.180E+04	5.411E-03	6.007E-01	9.685E-04	4.799E-15	6.858E-04	4.448E-03	5.943E-05	1.093E-05
1.200E+04	6.182E-03	6.070E-01	1.120E-03	8.795E-15	7.392E-04	4.151E-03	6.185E-05	1.100E-05
1.220E+04	7.020E-03	6.126E-01	1.291E-03	1.650E-14	7.920E-04	3.875E-03	6.431E-05	1.102E-05
1.240E+04	7.929E-03	6.174E-01	1.483E-03	2.984E-14	8.441E-04	3.617E-03	6.681E-05	1.100E-05
1.260E+04	8.910E-03	6.215E-01	1.698E-03	5.310E-14	8.952E-04	3.377E-03	6.932E-05	1.093E-05
1.280E+04	9.966E-03	6.250E-01	1.938E-03	9.304E-14	9.451E-04	3.154E-03	7.185E-05	1.082E-05
1.300E+04	1.110E-02	6.278E-01	2.204E-03	1.606E-13	9.938E-04	2.946E-03	7.438E-05	1.068E-05
1.320E+04	1.231E-02	6.300E-01	2.500E-03	2.731E-13	1.041E-03	2.753E-03	7.692E-05	1.051E-05
1.340E+04	1.360E-02	6.317E-01	2.826E-03	4.579E-13	1.087E-03	2.573E-03	7.946E-05	1.032E-05
1.360E+04	1.498E-02	6.330E-01	3.185E-03	7.573E-13	1.131E-03	2.407E-03	8.200E-05	1.011E-05
1.380E+04	1.644E-02	6.338E-01	3.579E-03	1.236E-12	1.174E-03	2.252E-03	8.452E-05	9.887E-06
1.400E+04	1.799E-02	6.342E-01	4.011E-03	1.992E-12	1.215E-03	2.109E-03	8.704E-05	9.652E-06
1.420E+04	1.963E-02	6.343E-01	4.482E-03	3.171E-12	1.254E-03	1.976E-03	8.955E-05	9.409E-06
1.440E+04	2.136E-02	6.341E-01	4.995E-03	4.987E-12	1.292E-03	1.853E-03	9.204E-05	9.160E-06
1.460E+04	2.318E-02	6.336E-01	5.553E-03	7.756E-12	1.328E-03	1.738E-03	9.451E-05	8.907E-06
1.480E+04	2.510E-02	6.328E-01	6.157E-03	1.193E-11	1.363E-03	1.632E-03	9.697E-05	8.652E-06
1.500E+04	2.711E-02	6.317E-01	6.811E-03	1.815E-11	1.396E-03	1.533E-03	9.940E-05	8.395E-06
1.520E+04	2.922E-02	6.304E-01	7.516E-03	2.733E-11	1.427E-03	1.441E-03	1.018E-04	8.139E-06
1.540E+04	3.143E-02	6.289E-01	8.275E-03	4.076E-11	1.457E-03	1.356E-03	1.042E-04	7.884E-06
1.560E+04	3.374E-02	6.272E-01	9.091E-03	6.019E-11	1.484E-03	1.274E-03	1.065E-04	7.630E-06
1.580E+04	3.615E-02	6.253E-01	9.966E-03	8.809E-11	1.510E-03	1.202E-03	1.088E-04	7.379E-06
1.600E+04	3.866E-02	6.232E-01	1.090E-02	1.278E-10	1.535E-03	1.132E-03	1.111E-04	7.131E-06
1.620E+04	4.128E-02	6.209E-01	1.190E-02	1.837E-10	1.557E-03	1.068E-03	1.133E-04	6.886E-06
1.640E+04	4.399E-02	6.184E-01	1.297E-02	2.620E-10	1.578E-03	1.007E-03	1.154E-04	6.644E-06
1.660E+04	4.680E-02	6.157E-01	1.410E-02	3.706E-10	1.597E-03	9.499E-04	1.175E-04	6.407E-06
1.680E+04	4.971E-02	6.129E-01	1.531E-02	5.202E-10	1.614E-03	8.966E-04	1.196E-04	6.173E-06
1.700E+04	5.273E-02	6.098E-01	1.659E-02	7.247E-10	1.629E-03	8.466E-04	1.215E-04	5.944E-06
1.720E+04	5.584E-02	6.067E-01	1.794E-02	1.002E-09	1.643E-03	7.985E-04	1.234E-04	5.720E-06
1.740E+04	5.906E-02	6.033E-01	1.937E-02	1.377E-09	1.655E-03	7.553E-04	1.252E-04	5.500E-06
1.760E+04	6.237E-02	5.998E-01	2.088E-02	1.878E-09	1.664E-03	7.137E-04	1.270E-04	5.284E-06
1.780E+04	6.578E-02	5.961E-01	2.247E-02	2.544E-09	1.672E-03	6.745E-04	1.286E-04	5.073E-06
1.800E+04	6.928E-02	5.923E-01	2.414E-02	3.426E-09	1.679E-03	6.375E-04	1.302E-04	4.868E-06
1.820E+04	7.288E-02	5.883E-01	2.590E-02	4.584E-09	1.683E-03	6.026E-04	1.316E-04	4.666E-06
1.840E+04	7.657E-02	5.841E-01	2.774E-02	6.097E-09	1.686E-03	5.686E-04	1.330E-04	4.470E-06
1.860E+04	8.035E-02	5.798E-01	2.966E-02	8.063E-09	1.687E-03	5.385E-04	1.342E-04	4.279E-06
1.880E+04	8.422E-02	5.753E-01	3.168E-02	1.060E-08	1.686E-03	5.080E-04	1.353E-04	4.093E-06
1.900E+04	8.818E-02	5.707E-01	3.378E-02	1.386E-08	1.683E-03	4.811E-04	1.363E-04	3.912E-06
1.920E+04	9.222E-02	5.659E-01	3.596E-02	1.803E-08	1.679E-03	4.547E-04	1.372E-04	3.735E-06
1.940E+04	9.635E-02	5.610E-01	3.824E-02	2.334E-08	1.673E-03	4.297E-04	1.380E-04	3.564E-06
1.960E+04	1.006E-01	5.560E-01	4.060E-02	3.004E-08	1.665E-03	4.060E-04	1.386E-04	3.398E-06
1.980E+04	1.048E-01	5.507E-01	4.305E-02	3.849E-08	1.656E-03	3.836E-04	1.391E-04	3.237E-06
2.000E+04	1.092E-01	5.454E-01	4.559E-02	4.908E-08	1.645E-03	3.623E-04	1.394E-04	3.080E-06
2.020E+04	1.136E-01	5.399E-01	4.821E-02	6.229E-08	1.633E-03	3.421E-04	1.397E-04	2.929E-06
2.040E+04	1.181E-01	5.343E-01	5.092E-02	7.870E-08	1.619E-03	3.229E-04	1.398E-04	2.783E-06
2.060E+04	1.227E-01	5.285E-01	5.371E-02	9.899E-08	1.604E-03	3.047E-04	1.397E-04	2.642E-06
2.080E+04	1.273E-01	5.226E-01	5.659E-02	1.240E-07	1.588E-03	2.874E-04	1.395E-04	2.505E-06
2.100E+04	1.320E-01	5.166E-01	5.954E-02	1.546E-07	1.570E-03	2.711E-04	1.392E-04	2.374E-06
2.120E+04	1.367E-01	5.105E-01	6.258E-02	1.921E-07	1.551E-03	2.555E-04	1.387E-04	2.247E-06
2.140E+04	1.415E-01	5.043E-01	6.569E-02	2.377E-07	1.531E-03	2.408E-04	1.381E-04	2.125E-06
2.160E+04	1.463E-01	4.979E-01	6.887E-02	2.930E-07	1.510E-03	2.268E-04	1.374E-04	2.008E-06
2.180E+04	1.512E-01	4.915E-01	7.213E-02	3.597E-07	1.488E-03	2.135E-04	1.365E-04	1.896E-06
2.200E+04	1.561E-01	4.849E-01	7.546E-02	4.401E-07	1.464E-03	2.009E-04	1.355E-04	1.788E-06
2.220E+04	1.611E-01	4.783E-01	7.885E-02	5.364E-07	1.440E-03	1.890E-04	1.343E-04	1.684E-06
2.240E+04	1.661E-01	4.716E-01	8.230E-02	6.516E-07	1.415E-03	1.777E-04	1.331E-04	1.585E-06
2.260E+04	1.711E-01	4.648E-01	8.581E-02	7.889E-07	1.390E-03	1.670E-04	1.317E-04	1.491E-06
2.280E+04	1.761E-01	4.579E-01	8.938E-02	9.518E-07	1.363E-03	1.568E-04	1.302E-04	1.401E-06
2.300E+04	1.812E-01	4.510E-01	9.300E-02	1.145E-06	1.336E-03	1.472E-04	1.286E-04	1.315E-06
2.320E+04	1.863E-01	4.440E-01	9.666E-02	1.372E-06	1.308E-03	1.381E-04	1.268E-04	1.233E-06
2.340E+04	1.914E-01	4.369E-01	1.004E-01	1.640E-06	1.280E-03	1.295E-04	1.250E-04	1.155E-06
2.360E+04	1.965E-01	4.298E-01	1.041E-01	1.954E-06	1.252E-03	1.214E-04	1.231E-04	1.081E-06
2.380E+04	2.016E-01	4.227E-01	1.079E-01	2.322E-06	1.223E-03	1.137E-04	1.211E-04	1.011E-06
2.400E+04	2.067E-01	4.155E-01	1.117E-01	2.750E-06	1.193E-03	1.064E-04	1.190E-04	9.441E-07
2.420E+04	2.118E-01	4.083E-01	1.155E-01	3.249E-06	1.164E-03	9.958E-05	1.168E-04	8.811E-07
2.440E+04	2.169E-01	4.011E-01	1.194E-01	3.828E-06	1.134E-03	9.312E-05	1.146E-04	8.215E-07
2.460E+04	2.220E-01	3.939E-01	1.233E-01	4.497E-06	1.105E-03	8.702E-05	1.123E-04	7.652E-07
2.480E+04	2.271E-01	3.867E-01	1.272E-01	5.270E-06	1.075E-03	8.129E-05	1.099E-04	7.122E-07
2.500E+04	2.321E-01	3.795E-01	1.311E-01	6.159E-06	1.045E-03	7.589E-05	1.075E-04	6.622E-07

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
7.387E-03	2.360E-03	3.272E-16	7.847E-07	4.971E-01	1.342E-04	6.190E-03	5.637E-05	8.400E+03
1.048E-02	4.204E-05	9.521E-16	1.316E-06	4.912E-01	1.698E-04	5.211E-03	9.219E-05	8.600E+03
1.460E-02	6.709E-05	2.511E-15	2.157E-06	4.838E-01	2.110E-04	4.404E-03	1.455E-04	8.800E+03
1.995E-02	1.040E-04	6.769E-15	3.454E-06	4.747E-01	2.577E-04	3.732E-03	2.258E-04	9.000E+03
2.671E-02	1.567E-04	1.665E-14	5.398E-06	4.635E-01	3.096E-04	3.169E-03	3.373E-04	9.200E+03
3.505E-02	2.298E-04	3.895E-14	8.224E-06	4.499E-01	3.660E-04	2.693E-03	4.874E-04	9.400E+03
4.506E-02	3.283E-04	8.700E-14	1.221E-05	4.337E-01	4.259E-04	2.288E-03	6.804E-04	9.600E+03
5.674E-02	4.574E-04	1.861E-13	1.764E-05	4.148E-01	4.883E-04	1.942E-03	9.173E-04	9.807E+03
6.998E-02	6.221E-04	3.824E-13	2.480E-05	3.975E-01	5.519E-04	1.643E-03	1.194E-03	1.000E+04
8.459E-02	8.274E-04	7.571E-13	3.394E-05	3.701E-01	6.151E-04	1.387E-03	1.500E-03	1.020E+04
1.003E-01	1.077E-03	1.449E-12	4.522E-05	3.450E-01	6.767E-04	1.165E-03	1.823E-03	1.040E+04
1.166E-01	1.375E-03	2.685E-12	5.870E-05	3.187E-01	7.354E-04	9.746E-04	2.145E-03	1.060E+04
1.333E-01	1.725E-03	4.839E-12	7.435E-05	2.920E-01	7.899E-04	8.112E-04	2.449E-03	1.080E+04
1.499E-01	2.127E-03	8.487E-12	9.201E-05	2.653E-01	8.393E-04	6.717E-04	2.718E-03	1.100E+04
1.661E-01	2.583E-03	1.452E-11	1.114E-04	2.393E-01	8.829E-04	5.535E-04	2.941E-03	1.120E+04
1.816E-01	3.094E-03	2.429E-11	1.323E-04	2.143E-01	9.203E-04	4.540E-04	3.110E-03	1.140E+04
1.962E-01	3.660E-03	3.979E-11	1.543E-04	1.909E-01	9.512E-04	3.708E-04	3.222E-03	1.160E+04
2.096E-01	4.281E-03	6.389E-11	1.770E-04	1.691E-01	9.758E-04	3.018E-04	3.278E-03	1.180E+04
2.218E-01	4.956E-03	1.008E-10	2.001E-04	1.493E-01	9.943E-04	2.450E-04	3.283E-03	1.200E+04
2.327E-01	5.684E-03	1.562E-10	2.233E-04	1.313E-01	1.007E-03	1.984E-04	3.243E-03	1.220E+04
2.424E-01	6.466E-03	2.384E-10	2.463E-04	1.152E-01	1.015E-03	1.604E-04	3.165E-03	1.240E+04
2.509E-01	7.300E-03	3.583E-10	2.689E-04	1.009E-01	1.018E-03	1.296E-04	3.059E-03	1.260E+04
2.582E-01	8.185E-03	5.312E-10	2.908E-04	8.825E-02	1.017E-03	1.047E-04	2.931E-03	1.280E+04
2.644E-01	9.123E-03	7.773E-10	3.120E-04	7.718E-02	1.012E-03	8.463E-05	2.788E-03	1.300E+04
2.697E-01	1.011E-02	1.123E-09	3.323E-04	6.749E-02	1.005E-03	6.852E-05	2.636E-03	1.320E+04
2.740E-01	1.115E-02	1.605E-09	3.517E-04	5.905E-02	9.951E-04	5.552E-05	2.480E-03	1.340E+04
2.775E-01	1.224E-02	2.267E-09	3.701E-04	5.171E-02	9.833E-04	4.507E-05	2.324E-03	1.360E+04
2.804E-01	1.338E-02	3.169E-09	3.875E-04	4.534E-02	9.698E-04	3.666E-05	2.170E-03	1.380E+04
2.826E-01	1.456E-02	4.388E-09	4.038E-04	3.980E-02	9.550E-04	2.988E-05	2.020E-03	1.400E+04
2.842E-01	1.580E-02	6.017E-09	4.191E-04	3.500E-02	9.392E-04	2.442E-05	1.877E-03	1.420E+04
2.853E-01	1.708E-02	8.178E-09	4.334E-04	3.082E-02	9.226E-04	2.000E-05	1.740E-03	1.440E+04
2.859E-01	1.841E-02	1.102E-08	4.466E-04	2.719E-02	9.054E-04	1.642E-05	1.610E-03	1.460E+04
2.862E-01	1.979E-02	1.473E-08	4.588E-04	2.404E-02	8.876E-04	1.352E-05	1.488E-03	1.480E+04
2.861E-01	2.121E-02	1.954E-08	4.699E-04	2.129E-02	8.695E-04	1.116E-05	1.374E-03	1.500E+04
2.857E-01	2.267E-02	2.572E-08	4.800E-04	1.888E-02	8.512E-04	9.239E-06	1.268E-03	1.520E+04
2.850E-01	2.418E-02	3.362E-08	4.891E-04	1.678E-02	8.327E-04	7.666E-06	1.169E-03	1.540E+04
2.840E-01	2.572E-02	4.364E-08	4.971E-04	1.495E-02	8.141E-04	6.376E-06	1.076E-03	1.560E+04
2.828E-01	2.730E-02	5.528E-08	5.042E-04	1.333E-02	7.954E-04	5.317E-06	9.910E-04	1.580E+04
2.814E-01	2.893E-02	7.213E-08	5.103E-04	1.191E-02	7.768E-04	4.443E-06	9.119E-04	1.600E+04
2.799E-01	3.058E-02	9.187E-08	5.155E-04	1.066E-02	7.581E-04	3.722E-06	8.387E-04	1.620E+04
2.781E-01	3.227E-02	1.163E-07	5.197E-04	9.560E-03	7.395E-04	3.124E-06	7.711E-04	1.640E+04
2.762E-01	3.398E-02	1.465E-07	5.230E-04	8.584E-03	7.210E-04	2.628E-06	7.087E-04	1.660E+04
2.741E-01	3.573E-02	1.835E-07	5.253E-04	7.720E-03	7.026E-04	2.215E-06	6.511E-04	1.680E+04
2.720E-01	3.750E-02	2.286E-07	5.268E-04	6.952E-03	6.843E-04	1.870E-06	5.980E-04	1.700E+04
2.697E-01	3.929E-02	2.833E-07	5.275E-04	6.269E-03	6.662E-04	1.582E-06	5.491E-04	1.720E+04
2.673E-01	4.110E-02	3.495E-07	5.273E-04	5.661E-03	6.482E-04	1.340E-06	5.040E-04	1.740E+04
2.648E-01	4.292E-02	4.290E-07	5.263E-04	5.117E-03	6.303E-04	1.137E-06	4.625E-04	1.760E+04
2.622E-01	4.476E-02	5.243E-07	5.245E-04	4.632E-03	6.126E-04	9.668E-07	4.242E-04	1.780E+04
2.595E-01	4.662E-02	6.379E-07	5.220E-04	4.196E-03	5.951E-04	8.229E-07	3.891E-04	1.800E+04
2.568E-01	4.848E-02	7.729E-07	5.188E-04	3.806E-03	5.778E-04	7.014E-07	3.567E-04	1.820E+04
2.540E-01	5.034E-02	9.325E-07	5.149E-04	3.455E-03	5.607E-04	5.985E-07	3.269E-04	1.840E+04
2.511E-01	5.221E-02	1.121E-06	5.104E-04	3.139E-03	5.428E-04	5.114E-07	2.995E-04	1.860E+04
2.482E-01	5.408E-02	1.341E-06	5.053E-04	2.855E-03	5.271E-04	4.375E-07	2.744E-04	1.880E+04
2.452E-01	5.594E-02	1.603E-06	4.996E-04	2.598E-03	5.106E-04	3.746E-07	2.512E-04	1.900E+04
2.422E-01	5.780E-02	1.901E-06	4.934E-04	2.366E-03	4.944E-04	3.210E-07	2.300E-04	1.920E+04
2.392E-01	5.965E-02	2.251E-06	4.866E-04	2.157E-03	4.784E-04	2.754E-07	2.105E-04	1.940E+04
2.361E-01	6.149E-02	2.656E-06	4.795E-04	1.967E-03	4.626E-04	2.364E-07	1.926E-04	1.960E+04
2.330E-01	6.332E-02	3.124E-06	4.719E-04	1.794E-03	4.471E-04	2.031E-07	1.761E-04	1.980E+04
2.299E-01	6.513E-02	3.662E-06	4.639E-04	1.638E-03	4.319E-04	1.746E-07	1.611E-04	2.000E+04
2.267E-01	6.693E-02	4.280E-06	4.556E-04	1.496E-03	4.170E-04	1.503E-07	1.472E-04	2.020E+04
2.236E-01	6.871E-02	4.988E-06	4.470E-04	1.367E-03	4.023E-04	1.293E-07	1.346E-04	2.040E+04
2.204E-01	7.045E-02	5.795E-06	4.381E-04	1.250E-03	3.880E-04	1.114E-07	1.230E-04	2.060E+04
2.172E-01	7.220E-02	6.713E-06	4.290E-04	1.143E-03	3.739E-04	9.600E-08	1.123E-04	2.080E+04
2.140E-01	7.391E-02	7.756E-06	4.195E-04	1.045E-03	3.601E-04	8.277E-08	1.026E-04	2.100E+04
2.109E-01	7.559E-02	8.938E-06	4.101E-04	9.544E-04	3.467E-04	7.138E-08	9.368E-05	2.120E+04
2.077E-01	7.725E-02	1.027E-05	4.005E-04	8.753E-04	3.335E-04	6.159E-08	8.552E-05	2.140E+04
2.045E-01	7.888E-02	1.178E-05	3.907E-04	8.013E-04	3.207E-04	5.315E-08	7.805E-05	2.160E+04
2.014E-01	8.048E-02	1.347E-05	3.809E-04	7.337E-04	3.082E-04	4.589E-08	7.123E-05	2.180E+04
1.982E-01	8.205E-02	1.537E-05	3.710E-04	6.719E-04	2.960E-04	3.963E-08	6.499E-05	2.200E+04
1.951E-01	8.359E-02	1.749E-05	3.611E-04	6.156E-04	2.841E-04	3.422E-08	5.928E-05	2.220E+04
1.920E-01	8.510E-02	1.987E-05	3.511E-04	5.638E-04	2.726E-04	2.957E-08	5.407E-05	2.240E+04
1.889E-01	8.658E-02	2.252E-05	3.412E-04	5.165E-04	2.614E-04	2.555E-08	4.931E-05	2.260E+04
1.858E-01	8.803E-02	2.547E-05	3.313E-04	4.733E-04	2.505E-04	2.208E-08	4.496E-05	2.280E+04
1.827E-01	8.944E-02	2.875E-05	3.215E-04	4.337E-04	2.400E-04	1.908E-08	4.099E-05	2.300E+04
1.797E-01	9.083E-02	3.239E-05	3.118E-04	3.974E-04	2.298E-04	1.649E-08	3.737E-05	2.320E+04
1.767E-01	9.218E-02	3.642E-05	3.021E-04	3.642E-04	2.199E-04	1.425E-08	3.407E-05	2.340E+04
1.737E-01	9.350E-02	4.088E-05	2.926E-04	3.338E-04	2.103E-04	1.232E-08	3.105E-05	2.360E+04
1.707E-01	9.479E-02	4.580E-05	2.832E-04	3.059E-04	2.010E-04	1.065E-08	2.830E-05	2.380E+04
1.678E-01	9.604E-02	5.123E-05	2.739E-04	2.804E-04	1.921E-04	9.210E-09	2.580E-05	2.400E+04
1.649E-01	9.727E-02	5.720E-05	2.648E-04	2.570E-04	1.835E-04	7.963E-09	2.351E-05	2.420E+04
1.620E-01	9.847E-02	6.376E-05	2.558E-04	2.356E-04	1.752E-04	6.885E-09	2.142E-05	2.440E+04
1.592E-01	9.963E-02	7.096E-05	2.470E-04	2.159E-04	1.672E-04	5.953E-09	1.953E-05	2.460E+04
1.564E-01	1.008E-01	7.886E-05	2.384E-04	1.979E-04	1.595E-04	5.147E-09	1.779E-05	2.480E+04
1.536E-01	1.019E-01	8.750E-05	2.299E-04	1.814E-04	1.520E-04	4.450E-09	1.622E-05	2.500E+04



Table II. - Continued.

P/P0 = 9.00E+02

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.409E-11	1.760E-18	0.
2.000E+02	0.	2.425E-69	0.	0.	0.	4.609E-11	1.760E-18	0.
3.000E+02	0.	1.110E-47	1.122E-81	0.	0.	4.901E-11	1.760E-18	0.
4.000E+02	0.	8.271E-37	2.724E-74	0.	0.	5.236E-11	1.760E-18	0.
5.000E+02	0.	2.730E-30	8.027E-64	0.	0.	4.925E-11	1.760E-18	0.
6.000E+02	1.239E-96	6.373E-26	7.624E-47	0.	0.	5.087E-11	1.760E-18	0.
7.000E+02	4.708E-82	8.046E-23	7.919E-42	0.	1.082E-91	4.510E-11	1.760E-18	5.662E-83
8.000E+02	7.194E-71	2.244E-20	3.553E-38	0.	1.562E-79	7.090E-11	1.760E-18	1.246E-72
9.000E+02	3.102E-61	5.211E-18	8.506E-36	0.	1.085E-68	8.416E-10	1.760E-18	9.415E-63
1.000E+03	2.693E-53	5.265E-16	5.412E-34	0.	1.095E-59	1.089E-08	1.760E-18	2.136E-54
1.100E+03	8.818E-47	2.335E-14	1.594E-32	0.	2.647E-52	7.887E-08	1.760E-18	1.524E-47
1.200E+03	2.412E-41	5.520E-13	2.682E-31	0.	3.772E-46	4.375E-07	1.760E-18	7.801E-42
1.300E+03	9.728E-37	8.033E-12	2.933E-30	0.	6.069E-41	1.861E-06	1.760E-18	5.266E-37
1.400E+03	8.756E-33	7.982E-11	2.287E-29	0.	1.759E-36	6.426E-06	1.760E-18	7.232E-33
1.500E+03	2.360E-29	5.844E-10	1.360E-28	0.	1.294E-32	1.878E-05	1.760E-18	2.779E-29
1.600E+03	2.389E-26	8.337E-09	6.486E-28	0.	3.122E-29	4.701E-05	1.760E-18	3.794E-26
1.700E+03	1.080E-23	1.553E-08	2.579E-27	0.	3.010E-26	1.093E-04	1.760E-18	2.209E-23
1.800E+03	2.479E-21	8.096E-08	8.857E-27	0.	1.344E-23	2.873E-04	1.760E-18	6.289E-21
1.900E+03	2.171E-19	2.072E-07	3.979E-26	0.	2.120E-21	4.371E-04	2.641E-18	6.625E-19
2.000E+03	2.991E-18	6.230E-07	6.295E-25	0.	4.925E-20	7.861E-04	1.549E-17	1.069E-17
2.100E+03	2.180E-17	1.687E-06	1.133E-23	0.	5.727E-19	1.335E-03	1.134E-16	8.924E-17
2.200E+03	1.278E-16	4.170E-06	1.638E-22	1.785E-87	5.100E-18	2.158E-03	7.220E-16	5.875E-16
2.300E+03	6.407E-16	9.525E-06	1.889E-21	1.440E-83	3.728E-17	3.339E-03	3.934E-15	3.295E-15
2.400E+03	2.815E-15	2.030E-05	1.779E-20	5.513E-80	2.302E-16	4.982E-03	1.861E-14	1.537E-14
2.500E+03	1.102E-14	4.048E-05	1.402E-19	1.093E-76	1.226E-15	7.157E-03	7.767E-14	6.545E-14
2.600E+03	3.893E-14	7.721E-05	9.427E-19	1.210E-73	5.730E-15	9.983E-03	2.900E-13	2.455E-13
2.700E+03	1.254E-13	1.396E-04	5.504E-18	7.983E-71	2.383E-14	1.357E-02	9.801E-13	8.315E-13
2.800E+03	3.733E-13	2.416E-04	2.832E-17	3.314E-68	8.928E-14	1.788E-02	3.030E-12	2.571E-12
2.900E+03	1.032E-12	4.020E-04	1.301E-16	9.085E-66	3.046E-13	2.329E-02	8.641E-12	7.317E-12
3.000E+03	2.669E-12	6.453E-04	5.396E-16	1.712E-63	9.547E-13	2.952E-02	2.291E-11	1.933E-11
3.100E+03	6.504E-12	1.003E-03	2.039E-15	2.305E-61	2.771E-12	3.681E-02	5.684E-11	4.771E-11
3.200E+03	1.501E-11	1.513E-03	7.086E-15	2.282E-59	7.501E-12	4.822E-02	1.327E-10	1.107E-10
3.300E+03	3.298E-11	2.221E-03	2.280E-14	1.710E-57	1.905E-11	5.380E-02	2.933E-10	2.424E-10
3.400E+03	6.924E-11	3.179E-03	6.840E-14	9.942E-56	4.562E-11	6.356E-02	6.157E-10	5.039E-10
3.500E+03	1.395E-10	4.446E-03	1.924E-13	4.580E-54	1.035E-10	7.396E-02	1.233E-09	9.799E-10
3.600E+03	2.705E-10	6.087E-03	5.102E-13	1.705E-52	2.236E-10	8.486E-02	2.366E-09	1.889E-09
3.700E+03	5.045E-10	8.169E-03	1.281E-12	5.217E-51	4.612E-10	9.686E-02	4.359E-09	3.430E-09
3.800E+03	9.177E-10	1.076E-02	3.060E-12	1.333E-49	9.119E-10	1.084E-01	7.738E-09	5.901E-09
3.900E+03	1.613E-09	1.393E-02	6.977E-12	2.883E-48	1.733E-09	1.166E-01	1.327E-08	1.009E-08
4.000E+03	2.758E-09	1.775E-02	1.524E-11	5.346E-47	3.174E-09	1.295E-01	2.203E-08	1.443E-08
4.100E+03	4.593E-09	2.228E-02	3.199E-11	8.594E-46	5.618E-09	1.389E-01	3.550E-08	2.592E-08
4.200E+03	7.465E-09	2.758E-02	6.469E-11	1.210E-44	9.631E-09	1.495E-01	5.563E-08	3.968E-08
4.300E+03	1.186E-08	3.369E-02	1.264E-10	1.507E-43	1.602E-08	1.593E-01	8.493E-08	5.908E-08
4.400E+03	1.844E-08	4.064E-02	2.393E-10	1.674E-42	2.591E-08	1.661E-01	1.265E-07	8.569E-08
4.500E+03	2.810E-08	4.847E-02	4.395E-10	1.671E-41	4.083E-08	1.728E-01	1.843E-07	1.213E-07
4.600E+03	4.203E-08	5.717E-02	7.849E-10	1.509E-40	6.274E-08	1.783E-01	2.627E-07	1.676E-07
4.700E+03	6.176E-08	6.676E-02	1.366E-09	1.241E-39	9.421E-08	1.825E-01	3.672E-07	2.267E-07
4.800E+03	8.923E-08	7.721E-02	2.319E-09	9.358E-39	1.384E-07	1.854E-01	5.037E-07	3.004E-07
4.900E+03	1.269E-07	8.848E-02	3.849E-09	6.499E-38	1.991E-07	1.881E-01	6.789E-07	3.904E-07
5.000E+03	1.778E-07	1.005E-01	6.251E-09	4.179E-37	2.809E-07	1.876E-01	9.000E-07	4.779E-07
5.100E+03	2.457E-07	1.133E-01	9.948E-09	2.500E-36	3.891E-07	1.889E-01	1.175E-06	6.242E-07
5.200E+03	3.350E-07	1.268E-01	1.553E-08	1.397E-35	5.297E-07	1.851E-01	1.511E-06	7.697E-07
5.300E+03	4.511E-07	1.408E-01	2.382E-08	7.315E-35	7.093E-07	1.822E-01	1.916E-06	9.344E-07
5.400E+03	6.001E-07	1.553E-01	3.590E-08	3.606E-34	9.352E-07	1.785E-01	2.399E-06	1.118E-06
5.500E+03	7.896E-07	1.701E-01	5.325E-08	1.678E-33	1.215E-06	1.789E-01	2.946E-06	1.319E-06
5.600E+03	1.028E-06	1.853E-01	7.778E-08	7.392E-33	1.557E-06	1.686E-01	3.623E-06	1.535E-06
5.700E+03	1.325E-06	2.006E-01	1.120E-07	3.092E-32	1.960E-06	1.627E-01	4.376E-06	1.765E-06
5.800E+03	1.692E-06	2.160E-01	1.589E-07	1.231E-31	2.458E-06	1.564E-01	5.228E-06	2.005E-06
5.900E+03	2.141E-06	2.314E-01	2.226E-07	4.677E-31	3.035E-06	1.486E-01	6.181E-06	2.593E-06
6.000E+03	2.687E-06	2.466E-01	3.078E-07	1.698E-30	3.707E-06	1.426E-01	7.237E-06	2.506E-06
6.100E+03	3.346E-06	2.616E-01	4.204E-07	5.909E-30	4.480E-06	1.354E-01	8.391E-06	2.760E-06
6.200E+03	4.138E-06	2.762E-01	5.675E-07	1.973E-29	5.364E-06	1.281E-01	9.642E-06	3.013E-06
6.300E+03	5.082E-06	2.905E-01	7.575E-07	6.332E-29	6.366E-06	1.208E-01	1.098E-05	3.262E-06
6.400E+03	6.202E-06	3.043E-01	1.000E-06	1.957E-28	7.492E-06	1.136E-01	1.240E-05	3.505E-06
6.500E+03	7.526E-06	3.175E-01	1.306E-06	5.829E-28	8.752E-06	1.066E-01	1.389E-05	3.739E-06
6.600E+03	9.084E-06	3.302E-01	1.689E-06	1.677E-27	1.015E-05	9.968E-02	1.543E-05	3.963E-06
6.700E+03	1.091E-05	3.423E-01	2.162E-06	4.661E-27	1.170E-05	9.384E-02	1.702E-05	4.177E-06
6.800E+03	1.305E-05	3.537E-01	2.742E-06	1.254E-26	1.340E-05	8.667E-02	1.864E-05	4.380E-06
6.900E+03	1.554E-05	3.645E-01	3.444E-06	3.269E-26	1.528E-05	8.060E-02	2.027E-05	4.573E-06
7.000E+03	1.843E-05	3.746E-01	4.289E-06	8.266E-26	1.733E-05	7.484E-02	2.189E-05	4.754E-06
7.100E+03	2.179E-05	3.841E-01	5.294E-06	2.029E-25	1.957E-05	6.941E-02	2.350E-05	4.925E-06
7.200E+03	2.568E-05	3.930E-01	6.482E-06	4.843E-25	2.201E-05	6.431E-02	2.507E-05	5.087E-06
7.300E+03	3.017E-05	4.013E-01	7.872E-06	1.124E-24	2.466E-05	5.954E-02	2.660E-05	5.241E-06
7.400E+03	3.535E-05	4.089E-01	9.488E-06	2.543E-24	2.755E-05	5.510E-02	2.807E-05	5.387E-06
7.500E+03	4.131E-05	4.160E-01	1.135E-05	5.608E-24	3.068E-05	5.037E-02	2.948E-05	5.527E-06
7.600E+03	4.816E-05	4.226E-01	1.349E-05	1.207E-23	3.407E-05	4.715E-02	3.081E-05	5.662E-06
7.700E+03	5.602E-05	4.288E-01	1.592E-05	2.537E-23	3.775E-05	4.361E-02	3.206E-05	5.793E-06
7.800E+03	6.502E-05	4.344E-01	1.867E-05	5.214E-23	4.173E-05	4.039E-02	3.323E-05	5.928E-06
7.900E+03	7.530E-05	4.397E-01	2.176E-05	1.049E-22	4.604E-05	3.785E-02	3.431E-05	6.045E-06
8.000E+03	8.703E-05	4.446E-01	2.523E-05	2.067E-22	5.069E-05	3.459E-02	3.531E-05	6.169E-06
8.200E+03	1.116E-04	4.534E-01	3.336E-05	7.549E-22	6.113E-05	2.983E-02	3.706E-05	6.417E-06

Table II. - Continued.

P/P0 = 9.00E+02

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	2.164E-65	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	8.336E-42	5.425E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.718E-29	1.833E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.503E-22	4.532E-49	1.000E+00	0.	5.000E+02
4.284E-82	4.330E-83	0.	0.	3.883E-17	7.651E-41	1.000E+00	0.	6.000E+02
3.281E-68	4.104E-70	0.	0.	1.376E-13	6.864E-35	1.000E+00	0.	7.000E+02
5.040E-58	7.750E-61	0.	0.	4.828E-11	8.999E-31	1.000E+00	7.062E-60	8.000E+02
5.082E-51	1.836E-35	0.	0.	1.587E-09	5.937E-29	1.000E+00	3.512E-70	9.000E+02
1.233E-45	1.340E-51	0.	2.074E-90	2.008E-08	7.921E-28	1.000E+00	7.349E-65	1.000E+03
3.069E-41	1.854E-48	0.	3.538E-80	1.576E-07	6.345E-27	1.000E+00	6.804E-57	1.100E+03
1.416E-37	7.704E-46	0.	1.190E-71	8.749E-07	3.584E-26	1.000E+00	6.340E-52	1.200E+03
1.788E-34	1.272E-43	0.	1.950E-64	3.722E-06	1.552E-25	1.000E+00	1.024E-47	1.300E+03
8.156E-32	1.016E-41	0.	2.978E-58	1.285E-05	5.450E-25	1.000E+00	4.129E-44	1.400E+03
1.647E-29	4.544E-40	2.564E-95	6.808E-53	3.755E-05	1.620E-24	9.999E-01	5.506E-41	1.500E+03
1.714E-27	1.268E-38	1.091E-91	3.326E-48	9.582E-05	4.202E-24	9.999E-01	2.988E-38	1.600E+03
1.034E-25	2.397E-37	1.745E-88	4.559E-44	2.187E-04	9.748E-24	9.997E-01	7.752E-36	1.700E+03
3.061E-24	3.293E-36	1.247E-85	2.156E-40	4.547E-04	2.070E-23	9.993E-01	1.079E-33	1.800E+03
1.034E-22	5.116E-33	9.399E-83	2.811E-37	8.744E-04	6.023E-23	9.987E-01	8.950E-32	1.900E+03
1.949E-21	2.474E-33	6.757E-79	4.373E-35	1.573E-03	6.471E-22	9.976E-01	4.781E-30	2.000E+03
2.779E-20	1.225E-31	4.362E-75	2.842E-33	2.672E-03	8.163E-21	9.960E-01	1.747E-28	2.100E+03
3.112E-19	4.443E-30	1.383E-71	1.211E-31	4.319E-03	8.567E-20	9.935E-01	4.600E-27	2.200E+03
2.626E-18	1.187E-28	2.207E-68	3.687E-30	6.687E-03	7.350E-19	9.900E-01	9.112E-26	2.300E+03
2.135E-17	2.419E-27	1.913E-65	8.468E-29	9.965E-03	5.275E-18	9.850E-01	1.407E-24	2.400E+03
1.372E-16	3.878E-26	9.682E-63	1.508E-27	1.436E-02	3.232E-17	9.784E-01	1.744E-23	2.500E+03
7.640E-15	5.010E-25	3.042E-60	2.147E-26	2.006E-02	1.721E-16	9.699E-01	1.779E-22	2.600E+03
3.744E-15	5.369E-24	6.252E-58	2.508E-25	2.729E-02	8.087E-16	9.590E-01	1.526E-21	2.700E+03
1.637E-14	4.854E-23	8.799E-56	2.454E-24	3.621E-02	3.397E-15	9.456E-01	1.121E-20	2.800E+03
6.463E-14	3.788E-22	8.816E-54	2.047E-23	4.698E-02	1.290E-14	9.293E-01	7.169E-20	2.900E+03
2.326E-13	2.582E-21	6.505E-52	1.480E-22	5.949E-02	4.470E-14	9.101E-01	4.041E-19	3.000E+03
7.700E-13	1.546E-20	3.641E-50	9.597E-22	7.442E-02	1.426E-13	8.879E-01	2.032E-16	3.100E+03
2.363E-12	8.310E-20	1.581E-48	5.303E-21	9.115E-02	4.220E-13	8.625E-01	9.223E-18	3.200E+03
6.765E-12	4.026E-19	5.502E-47	2.688E-20	1.098E-01	1.161E-12	8.342E-01	3.807E-17	3.300E+03
1.818E-11	1.777E-18	1.550E-45	1.235E-19	1.303E-01	3.011E-12	8.030E-01	1.442E-16	3.400E+03
4.613E-11	7.202E-18	3.613E-44	5.190E-19	1.524E-01	7.402E-12	7.692E-01	5.044E-16	3.500E+03
1.110E-10	2.700E-17	7.059E-43	2.007E-18	1.758E-01	1.718E-11	7.333E-01	1.641E-15	3.600E+03
2.542E-10	9.422E-17	1.181E-41	7.196E-18	2.003E-01	3.797E-11	6.955E-01	4.992E-15	3.700E+03
5.566E-10	3.065E-16	1.702E-40	2.405E-17	2.555E-01	8.019E-11	6.564E-01	1.428E-14	3.800E+03
1.159E-09	9.461E-16	2.139E-39	7.535E-17	2.511E-01	1.624E-10	6.164E-01	3.859E-14	3.900E+03
2.363E-09	2.749E-15	2.377E-38	2.223E-16	2.767E-01	3.164E-10	5.761E-01	9.892E-14	4.000E+03
4.610E-09	7.585E-15	2.352E-37	6.202E-15	3.020E-01	5.948E-10	5.354E-01	2.415E-13	4.100E+03
8.699E-09	1.995E-14	2.087E-36	1.643E-15	3.266E-01	1.081E-09	4.963E-01	5.637E-13	4.200E+03
1.592E-08	5.016E-14	1.678E-35	4.150E-15	3.503E-01	1.906E-09	4.577E-01	1.262E-12	4.300E+03
2.833E-08	1.210E-13	1.232E-34	1.002E-14	3.729E-01	3.266E-09	4.204E-01	2.717E-12	4.400E+03
4.939E-08	2.811E-13	8.286E-34	2.320E-14	3.940E-01	5.450E-09	3.847E-01	5.546E-12	4.500E+03
8.301E-08	6.301E-13	5.146E-33	5.169E-14	4.137E-01	8.873E-09	3.509E-01	1.135E-11	4.600E+03
1.372E-07	1.366E-12	2.965E-32	1.110E-13	4.317E-01	1.412E-08	3.191E-01	2.212E-11	4.700E+03
2.221E-07	2.873E-12	1.594E-31	2.305E-13	4.481E-01	2.200E-08	2.893E-01	4.192E-11	4.800E+03
3.524E-07	5.870E-12	8.028E-31	4.636E-13	4.627E-01	3.362E-08	2.617E-01	7.737E-11	4.900E+03
5.491E-07	1.168E-11	3.604E-30	9.053E-13	4.757E-01	5.043E-08	2.362E-01	1.394E-10	5.000E+03
8.412E-07	2.266E-11	1.703E-29	1.719E-12	4.871E-01	7.439E-08	2.127E-01	2.455E-10	5.100E+03
1.268E-06	4.295E-11	7.224E-29	3.181E-12	4.969E-01	1.080E-07	1.913E-01	4.234E-10	5.200E+03
1.885E-06	7.966E-11	2.914E-28	5.744E-12	5.052E-01	1.546E-07	1.718E-01	7.165E-10	5.300E+03
2.762E-06	1.448E-10	1.121E-27	1.014E-11	5.122E-01	2.181E-07	1.541E-01	1.191E-09	5.400E+03
3.996E-06	2.589E-10	4.126E-27	1.752E-11	5.179E-01	3.039E-07	1.380E-01	1.947E-09	5.500E+03
5.713E-06	4.557E-10	1.458E-26	2.948E-11	5.225E-01	4.184E-07	1.236E-01	3.136E-09	5.600E+03
8.078E-06	7.818E-10	4.934E-26	4.934E-11	5.261E-01	5.696E-07	1.106E-01	4.980E-09	5.700E+03
1.130E-05	1.326E-09	1.610E-25	8.059E-11	5.287E-01	7.673E-07	9.887E-02	7.805E-09	5.800E+03
1.566E-05	2.215E-09	5.066E-25	1.295E-10	5.306E-01	1.023E-06	8.839E-02	1.209E-08	5.900E+03
2.150E-05	3.647E-09	1.543E-24	2.050E-10	5.318E-01	1.352E-06	7.902E-02	1.850E-08	6.000E+03
2.927E-05	5.925E-09	4.543E-24	3.189E-10	5.323E-01	1.770E-06	7.065E-02	2.804E-08	6.100E+03
3.953E-05	9.500E-09	1.296E-23	4.917E-10	5.324E-01	2.297E-06	6.317E-02	4.206E-08	6.200E+03
5.297E-05	1.504E-08	3.589E-23	7.485E-10	5.321E-01	2.657E-06	5.651E-02	6.254E-08	6.300E+03
7.048E-05	2.354E-08	9.652E-23	1.125E-09	5.314E-01	3.777E-06	5.057E-02	9.217E-08	6.400E+03
9.314E-05	3.640E-08	2.524E-22	1.672E-09	5.305E-01	4.787E-06	4.528E-02	1.347E-07	6.500E+03
1.223E-04	5.566E-08	6.423E-22	2.460E-09	5.294E-01	6.022E-06	4.058E-02	1.955E-07	6.600E+03
1.595E-04	8.419E-08	1.592E-21	3.585E-09	5.281E-01	7.522E-06	3.639E-02	2.815E-07	6.700E+03
2.069E-04	1.200E-07	3.847E-21	5.179E-09	5.267E-01	9.330E-06	3.267E-02	4.024E-07	6.800E+03
2.669E-04	1.865E-07	9.057E-21	7.419E-09	5.252E-01	1.149E-05	2.935E-02	5.714E-07	6.900E+03
3.423E-04	2.734E-07	2.086E-20	1.054E-08	5.237E-01	1.407E-05	2.642E-02	8.060E-07	7.000E+03
4.366E-04	3.968E-07	4.687E-20	1.487E-08	5.221E-01	1.710E-05	2.379E-02	1.130E-06	7.100E+03
5.541E-04	5.702E-07	1.029E-19	2.083E-08	5.206E-01	2.066E-05	2.146E-02	1.573E-06	7.200E+03
6.996E-04	8.115E-07	2.211E-19	2.857E-08	5.190E-01	2.481E-05	1.938E-02	2.175E-06	7.300E+03
8.790E-04	1.144E-06	4.646E-19	4.005E-08	5.174E-01	2.961E-05	1.753E-02	2.493E-06	7.400E+03
1.099E-03	1.598E-06	9.563E-19	5.500E-08	5.158E-01	3.514E-05	1.587E-02	4.090E-05	7.500E+03
1.367E-03	2.213E-06	1.928E-18	7.508E-08	5.143E-01	4.146E-05	1.440E-02	5.556E-06	7.600E+03
1.693E-03	3.037E-06	3.812E-18	1.019E-07	5.126E-01	4.865E-05	1.307E-02	7.501E-06	7.700E+03
2.088E-03	4.133E-06	7.392E-18	1.375E-07	5.110E-01	5.678E-05	1.189E-02	1.006E-05	7.800E+03
2.561E-03	5.576E-06	1.407E-17	1.844E-07	5.093E-01	6.592E-05	1.083E-02	1.342E-05	7.900E+03
3.129E-03	7.462E-06	2.433E-17	2.461E-07	5.075E-01	7.614E-05	9.878E-03	1.778E-05	8.000E+03
4.604E-03	1.305E-05	8.722E-17	4.307E-07	5.036E-01	1.001E-04	8.251E-03	3.064E-05	8.200E+03

Table II. - Continued.

T	E-	Q	Q+	Q++	Q-	Q2	Q2+	Q2-
8.400E+03	1.524E-04	4.612E-01	4.326E-05	2.578E-21	7.326E-05	2.565E-02	3.851E-05	6.669E-06
8.600E+03	1.994E-04	4.683E-01	5.514E-05	8.215E-21	8.733E-05	3.223E-02	3.969E-05	6.933E-06
8.800E+03	2.591E-04	4.749E-01	6.924E-05	2.464E-20	1.036E-04	1.936E-02	4.066E-05	7.215E-06
9.000E+03	3.343E-04	4.813E-01	8.581E-05	6.991E-20	1.224E-04	1.699E-02	4.149E-05	7.518E-06
9.200E+03	4.282E-04	4.878E-01	1.052E-04	1.887E-19	1.439E-04	1.499E-02	4.224E-05	7.847E-06
9.400E+03	5.443E-04	4.945E-01	1.276E-04	4.868E-19	1.685E-04	1.332E-02	4.298E-05	8.204E-06
9.600E+03	6.865E-04	5.016E-01	1.538E-04	1.206E-18	1.964E-04	1.183E-02	4.376E-05	8.590E-06
9.800E+03	8.588E-04	5.093E-01	1.841E-04	2.882E-18	2.279E-04	1.075E-02	4.464E-05	9.003E-06
1.000E+04	1.065E-03	5.174E-01	2.192E-04	6.669E-18	2.630E-04	9.759E-03	4.568E-05	9.436E-06
1.020E+04	1.310E-03	5.261E-01	2.601E-04	1.499E-17	3.018E-04	8.914E-03	4.689E-05	9.883E-06
1.040E+04	1.596E-03	5.351E-01	3.075E-04	3.283E-17	3.442E-04	8.189E-03	4.830E-05	1.033E-05
1.060E+04	1.928E-03	5.445E-01	3.626E-04	7.018E-17	3.899E-04	7.558E-03	4.991E-05	1.078E-05
1.080E+04	2.308E-03	5.539E-01	4.264E-04	1.468E-16	4.387E-04	7.003E-03	5.172E-05	1.120E-05
1.100E+04	2.739E-03	5.632E-01	5.001E-04	3.005E-16	4.900E-04	6.507E-03	5.371E-05	1.159E-05
1.120E+04	3.224E-03	5.722E-01	5.850E-04	6.033E-16	5.435E-04	6.060E-03	5.586E-05	1.194E-05
1.140E+04	3.765E-03	5.808E-01	6.823E-04	1.188E-15	5.985E-04	5.652E-03	5.814E-05	1.224E-05
1.160E+04	4.365E-03	5.888E-01	7.935E-04	2.297E-15	6.546E-04	5.277E-03	6.054E-05	1.247E-05
1.180E+04	5.025E-03	5.962E-01	9.200E-04	4.363E-15	7.112E-04	4.929E-03	6.304E-05	1.267E-05
1.200E+04	5.748E-03	6.028E-01	1.063E-03	8.145E-15	7.679E-04	4.606E-03	6.560E-05	1.277E-05
1.220E+04	6.536E-03	6.087E-01	1.225E-03	1.495E-14	8.243E-04	4.305E-03	6.822E-05	1.283E-05
1.240E+04	7.390E-03	6.139E-01	1.406E-03	2.699E-14	8.801E-04	4.024E-03	7.088E-05	1.282E-05
1.260E+04	8.313E-03	6.184E-01	1.610E-03	4.796E-14	9.349E-04	3.762E-03	7.356E-05	1.277E-05
1.280E+04	9.307E-03	6.222E-01	1.836E-03	8.392E-14	9.887E-04	3.517E-03	7.626E-05	1.267E-05
1.300E+04	1.037E-02	6.254E-01	2.088E-03	1.446E-13	1.041E-03	3.289E-03	7.898E-05	1.254E-05
1.320E+04	1.152E-02	6.280E-01	2.367E-03	2.457E-13	1.092E-03	3.077E-03	8.169E-05	1.236E-05
1.340E+04	1.273E-02	6.300E-01	2.676E-03	4.116E-13	1.142E-03	2.879E-03	8.441E-05	1.216E-05
1.360E+04	1.403E-02	6.316E-01	3.015E-03	6.801E-13	1.189E-03	2.695E-03	8.712E-05	1.194E-05
1.380E+04	1.541E-02	6.327E-01	3.387E-03	1.109E-12	1.236E-03	2.525E-03	8.983E-05	1.169E-05
1.400E+04	1.688E-02	6.334E-01	3.795E-03	1.786E-12	1.280E-03	2.366E-03	9.253E-05	1.143E-05
1.420E+04	1.842E-02	6.337E-01	4.240E-03	2.840E-12	1.323E-03	2.219E-03	9.521E-05	1.116E-05
1.440E+04	2.006E-02	6.337E-01	4.725E-03	4.465E-12	1.364E-03	2.082E-03	9.788E-05	1.088E-05
1.460E+04	2.178E-02	6.334E-01	5.251E-03	6.938E-12	1.404E-03	1.955E-03	1.005E-04	1.059E-05
1.480E+04	2.360E-02	6.329E-01	5.822E-03	1.066E-11	1.442E-03	1.837E-03	1.032E-04	1.030E-05
1.500E+04	2.550E-02	6.320E-01	6.439E-03	1.621E-11	1.478E-03	1.727E-03	1.058E-04	1.000E-05
1.520E+04	2.750E-02	6.309E-01	7.105E-03	2.441E-11	1.512E-03	1.624E-03	1.084E-04	9.709E-06
1.540E+04	2.959E-02	6.296E-01	7.822E-03	3.637E-11	1.544E-03	1.529E-03	1.109E-04	9.415E-06
1.560E+04	3.178E-02	6.281E-01	8.593E-03	5.369E-11	1.575E-03	1.440E-03	1.134E-04	9.122E-06
1.580E+04	3.406E-02	6.264E-01	9.419E-03	7.854E-11	1.604E-03	1.357E-03	1.159E-04	8.831E-06
1.600E+04	3.644E-02	6.245E-01	1.030E-02	1.139E-10	1.631E-03	1.279E-03	1.183E-04	8.543E-06
1.620E+04	3.892E-02	6.224E-01	1.125E-02	1.636E-10	1.656E-03	1.207E-03	1.207E-04	8.258E-06
1.640E+04	4.149E-02	6.201E-01	1.226E-02	2.333E-10	1.679E-03	1.139E-03	1.230E-04	7.976E-06
1.660E+04	4.416E-02	6.176E-01	1.333E-02	3.298E-10	1.701E-03	1.075E-03	1.253E-04	7.699E-06
1.680E+04	4.693E-02	6.150E-01	1.447E-02	4.628E-10	1.720E-03	1.016E-03	1.275E-04	7.427E-06
1.700E+04	4.980E-02	6.122E-01	1.567E-02	6.445E-10	1.738E-03	9.586E-04	1.297E-04	7.159E-06
1.720E+04	5.275E-02	6.092E-01	1.695E-02	8.911E-10	1.753E-03	9.070E-04	1.317E-04	6.896E-06
1.740E+04	5.581E-02	6.061E-01	1.831E-02	1.223E-09	1.767E-03	8.575E-04	1.337E-04	6.638E-06
1.760E+04	5.896E-02	6.028E-01	1.973E-02	1.668E-09	1.779E-03	8.108E-04	1.356E-04	6.385E-06
1.780E+04	6.220E-02	5.993E-01	2.124E-02	2.260E-09	1.789E-03	7.649E-04	1.375E-04	6.137E-06
1.800E+04	6.554E-02	5.957E-01	2.282E-02	3.042E-09	1.797E-03	7.254E-04	1.392E-04	5.895E-06
1.820E+04	6.897E-02	5.919E-01	2.448E-02	4.069E-09	1.803E-03	6.863E-04	1.408E-04	5.658E-06
1.840E+04	7.249E-02	5.880E-01	2.622E-02	5.411E-09	1.807E-03	6.493E-04	1.423E-04	5.427E-06
1.860E+04	7.610E-02	5.839E-01	2.804E-02	7.154E-09	1.810E-03	6.143E-04	1.437E-04	5.201E-06
1.880E+04	7.979E-02	5.797E-01	2.995E-02	9.404E-09	1.810E-03	5.813E-04	1.450E-04	4.981E-06
1.900E+04	8.357E-02	5.753E-01	3.193E-02	1.229E-08	1.809E-03	5.500E-04	1.462E-04	4.767E-06
1.920E+04	8.743E-02	5.708E-01	3.401E-02	1.599E-08	1.806E-03	5.203E-04	1.472E-04	4.558E-06
1.940E+04	9.137E-02	5.661E-01	3.616E-02	2.069E-08	1.801E-03	4.922E-04	1.481E-04	4.355E-06
1.960E+04	9.539E-02	5.613E-01	3.840E-02	2.663E-08	1.794E-03	4.656E-04	1.489E-04	4.158E-06
1.980E+04	9.949E-02	5.563E-01	4.073E-02	3.411E-08	1.786E-03	4.403E-04	1.495E-04	3.967E-06
2.000E+04	1.037E-01	5.512E-01	4.314E-02	4.348E-08	1.776E-03	4.163E-04	1.500E-04	3.781E-06
2.020E+04	1.079E-01	5.460E-01	4.563E-02	5.518E-08	1.764E-03	3.936E-04	1.504E-04	3.601E-06
2.040E+04	1.122E-01	5.406E-01	4.820E-02	6.970E-08	1.751E-03	3.720E-04	1.506E-04	3.427E-06
2.060E+04	1.166E-01	5.351E-01	5.086E-02	8.767E-08	1.737E-03	3.514E-04	1.507E-04	3.258E-06
2.080E+04	1.210E-01	5.295E-01	5.360E-02	1.098E-07	1.721E-03	3.320E-04	1.506E-04	3.095E-06
2.100E+04	1.255E-01	5.238E-01	5.641E-02	1.369E-07	1.703E-03	3.135E-04	1.504E-04	2.937E-06
2.120E+04	1.301E-01	5.179E-01	5.931E-02	1.701E-07	1.685E-03	2.959E-04	1.500E-04	2.785E-06
2.140E+04	1.347E-01	5.120E-01	6.227E-02	2.104E-07	1.665E-03	2.792E-04	1.495E-04	2.639E-06
2.160E+04	1.394E-01	5.059E-01	6.532E-02	2.593E-07	1.643E-03	2.634E-04	1.489E-04	2.498E-06
2.180E+04	1.441E-01	4.997E-01	6.843E-02	3.184E-07	1.621E-03	2.483E-04	1.481E-04	2.363E-06
2.200E+04	1.488E-01	4.934E-01	7.161E-02	3.895E-07	1.598E-03	2.340E-04	1.472E-04	2.235E-06
2.220E+04	1.536E-01	4.871E-01	7.485E-02	4.748E-07	1.573E-03	2.205E-04	1.461E-04	2.108E-06
2.240E+04	1.584E-01	4.806E-01	7.816E-02	5.767E-07	1.548E-03	2.076E-04	1.449E-04	1.988E-06
2.260E+04	1.633E-01	4.741E-01	8.153E-02	6.982E-07	1.521E-03	1.954E-04	1.436E-04	1.873E-06
2.280E+04	1.682E-01	4.674E-01	8.495E-02	8.424E-07	1.494E-03	1.838E-04	1.421E-04	1.764E-06
2.300E+04	1.731E-01	4.607E-01	8.843E-02	1.013E-06	1.467E-03	1.729E-04	1.405E-04	1.659E-06
2.320E+04	1.780E-01	4.540E-01	9.195E-02	1.215E-06	1.438E-03	1.625E-04	1.388E-04	1.559E-06
2.340E+04	1.829E-01	4.472E-01	9.553E-02	1.452E-06	1.409E-03	1.526E-04	1.370E-04	1.444E-06
2.360E+04	1.879E-01	4.403E-01	9.914E-02	1.730E-06	1.379E-03	1.433E-04	1.351E-04	1.373E-06
2.380E+04	1.929E-01	4.334E-01	1.028E-01	2.055E-06	1.349E-03	1.345E-04	1.331E-04	1.287E-06
2.400E+04	1.979E-01	4.265E-01	1.065E-01	2.434E-06	1.319E-03	1.261E-04	1.310E-04	1.205E-06
2.420E+04	2.028E-01	4.195E-01	1.102E-01	2.876E-06	1.288E-03	1.182E-04	1.288E-04	1.127E-06
2.440E+04	2.078E-01	4.125E-01	1.139E-01	3.388E-06	1.257E-03	1.108E-04	1.265E-04	1.053E-06
2.460E+04	2.128E-01	4.055E-01	1.177E-01	3.981E-06	1.224E-03	1.037E-04	1.241E-04	9.836E-07
2.480E+04	2.177E-01	3.984E-01	1.215E-01	4.665E-06	1.195E-03	9.789E-05	1.217E-04	9.177E-07
2.500E+04	2.227E-01	3.914E-01	1.253E-01	5.453E-06	1.163E-03	9.082E-05	1.193E-04	8.554E-07

REPRODUCIBILITY OF THE  
ORIGINAL PAGE IS POOR

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
6.655E-03	2.211E-05	2.708E-16	7.375E-07	4.990E-01	1.292E-04	6.926E-03	5.147E-05	8.400E+03
9.443E-03	3.637E-05	7.900E-16	1.235E-06	4.935E-01	1.637E-04	5.840E-03	8.417E-05	8.600E+03
1.316E-02	5.811E-05	2.173E-15	2.024E-06	4.867E-01	2.039E-04	4.944E-03	1.339E-04	8.800E+03
1.800E-02	9.028E-05	5.656E-15	3.240E-06	4.783E-01	2.498E-04	4.198E-03	2.070E-04	9.000E+03
2.415E-02	1.365F-04	1.397E-14	5.068E-06	4.680E-01	3.011E-04	3.572E-03	3.103E-04	9.200E+03
3.179E-02	2.009E-04	3.283E-14	7.735E-06	4.554E-01	3.372E-04	3.044E-03	4.508E-04	9.400E+03
4.100E-02	2.882E-04	7.368E-14	1.151E-05	4.404E-01	4.173E-04	2.594E-03	6.337E-04	9.600E+03
5.184E-02	4.033E-04	1.584E-13	1.670E-05	4.229E-01	4.804E-04	2.208E-03	8.613E-04	9.800E+03
6.423E-02	5.511E-04	3.273E-13	2.358E-05	4.029E-01	5.453E-04	1.876E-03	1.131E-03	1.000E+04
7.802E-02	7.365E-04	6.503E-13	3.244E-05	3.806E-01	6.105E-04	1.590E-03	1.436E-03	1.020E+04
9.297E-02	9.636E-04	1.250E-12	4.348E-05	3.566E-01	6.747E-04	1.343E-03	1.764E-03	1.040E+04
1.087E-01	1.236E-03	2.327E-12	5.680E-05	3.312E-01	7.365E-04	1.129E-03	2.098E-03	1.060E+04
1.250E-01	1.557E-03	4.204E-12	7.240E-05	3.051E-01	7.948E-04	9.447E-04	2.422E-03	1.080E+04
1.414E-01	1.928E-03	7.402E-12	9.019E-05	2.788E-01	8.483E-04	7.868E-04	2.718E-03	1.100E+04
1.575E-01	2.352E-03	1.270E-11	1.100E-04	2.529E-01	8.964E-04	6.522E-04	2.973E-03	1.120E+04
1.731E-01	2.828E-03	2.131E-11	1.314E-04	2.278E-01	9.384E-04	5.382E-04	3.177E-03	1.140E+04
1.878E-01	3.358E-03	3.496E-11	1.542E-04	2.040E-01	9.740E-04	4.422E-04	3.223E-03	1.160E+04
2.016E-01	3.947E-03	5.630E-11	1.779E-04	1.817E-01	1.003E-03	3.620E-04	3.412E-03	1.180E+04
2.143E-01	4.576E-03	8.894E-11	2.023E-04	1.611E-01	1.026E-03	2.954E-04	3.447E-03	1.200E+04
2.257E-01	5.264E-03	1.381E-10	2.268E-04	1.423E-01	1.043E-03	2.405E-04	3.432E-03	1.220E+04
2.360E-01	6.003E-03	2.111E-10	2.514E-04	1.254E-01	1.054E-03	1.954E-04	3.374E-03	1.240E+04
2.450E-01	6.793E-03	3.177E-10	2.756E-04	1.103E-01	1.060E-03	1.587E-04	3.282E-03	1.260E+04
2.529E-01	7.633E-03	4.715E-10	2.993E-04	9.683E-02	1.062E-03	1.287E-04	3.164E-03	1.280E+04
2.597E-01	8.522E-03	6.905E-10	3.223E-04	8.496E-02	1.060E-03	1.045E-04	3.027E-03	1.300E+04
2.655E-01	9.461E-03	9.986E-10	3.444E-04	7.453E-02	1.054E-03	8.484E-05	2.876E-03	1.320E+04
2.704E-01	1.045E-02	1.427E-09	3.656E-04	6.539E-02	1.046E-03	6.897E-05	2.718E-03	1.340E+04
2.745E-01	1.148E-02	2.018E-09	3.858E-04	5.741E-02	1.036E-03	5.616E-05	2.557E-03	1.360E+04
2.778E-01	1.256E-02	2.823E-09	4.049E-04	5.044E-02	1.023E-03	4.380E-05	2.396E-03	1.380E+04
2.804E-01	1.369E-02	3.909E-09	4.230E-04	4.438E-02	1.009E-03	3.743E-05	2.238E-03	1.400E+04
2.824E-01	1.487E-02	5.362E-09	4.400E-04	3.909E-02	9.935E-04	3.065E-05	2.086E-03	1.420E+04
2.839E-01	1.609E-02	7.291E-09	4.558E-04	3.449E-02	9.771E-04	2.516E-05	1.939E-03	1.440E+04
2.850E-01	1.736E-02	9.827E-09	4.705E-04	3.048E-02	9.600E-04	2.071E-05	1.799E-03	1.460E+04
2.856E-01	1.867E-02	1.314E-08	4.842E-04	2.698E-02	9.421E-04	1.708E-05	1.667E-03	1.480E+04
2.858E-01	2.002E-02	1.743E-08	4.967E-04	2.393E-02	9.239E-04	1.413E-05	1.543E-03	1.500E+04
2.857E-01	2.141E-02	2.295E-08	5.081E-04	2.126E-02	9.052E-04	1.171E-05	1.426E-03	1.520E+04
2.852E-01	2.285E-02	3.000E-08	5.185E-04	1.892E-02	8.863E-04	9.734E-06	1.317E-03	1.540E+04
2.846E-01	2.432E-02	3.894E-08	5.277E-04	1.687E-02	8.672E-04	8.109E-06	1.215E-03	1.560E+04
2.836E-01	2.583E-02	5.023E-08	5.360E-04	1.507E-02	8.481E-04	6.772E-06	1.121E-03	1.580E+04
2.825E-01	2.738E-02	6.438E-08	5.431E-04	1.348E-02	8.288E-04	5.668E-06	1.033E-03	1.600E+04
2.811E-01	2.896E-02	8.200E-08	5.493E-04	1.208E-02	8.096E-04	4.754E-06	9.521E-04	1.620E+04
2.796E-01	3.057E-02	1.039E-07	5.544E-04	1.084E-02	7.903E-04	3.997E-06	8.768E-04	1.640E+04
2.779E-01	3.221E-02	1.308E-07	5.586E-04	9.747E-03	7.712E-04	3.367E-06	8.071E-04	1.660E+04
2.760E-01	3.387E-02	1.638E-07	5.618E-04	8.775E-03	7.520E-04	2.842E-06	7.427E-04	1.680E+04
2.741E-01	3.557E-02	2.041E-07	5.640E-04	7.911E-03	7.330E-04	2.403E-06	6.822E-04	1.700E+04
2.720E-01	3.728E-02	2.530E-07	5.653E-04	7.142E-03	7.142E-04	2.036E-06	6.283E-04	1.720E+04
2.698E-01	3.901E-02	3.121E-07	5.658E-04	6.456E-03	6.954E-04	1.728E-06	5.776E-04	1.740E+04
2.674E-01	4.077E-02	3.831E-07	5.653E-04	5.843E-03	6.768E-04	1.468E-06	5.308E-04	1.760E+04
2.650E-01	4.253E-02	4.682E-07	5.641E-04	5.295E-03	6.583E-04	1.250E-06	4.877E-04	1.780E+04
2.625E-01	4.431E-02	5.698E-07	5.620E-04	4.803E-03	6.401E-04	1.066E-06	4.479E-04	1.800E+04
2.600E-01	4.610E-02	6.903E-07	5.592E-04	4.361E-03	6.220E-04	9.098E-07	4.113E-04	1.820E+04
2.573E-01	4.789E-02	8.329E-07	5.556E-04	3.964E-03	6.040E-04	7.777E-07	3.775E-04	1.840E+04
2.546E-01	4.969E-02	1.001E-06	5.514E-04	3.606E-03	5.863E-04	6.656E-07	3.464E-04	1.860E+04
2.518E-01	5.149E-02	1.198E-06	5.465E-04	3.284E-03	5.688E-04	5.703E-07	3.178E-04	1.880E+04
2.490E-01	5.329E-02	1.429E-06	5.409E-04	2.992E-03	5.516E-04	4.892E-07	2.915E-04	1.900E+04
2.462E-01	5.508E-02	1.699E-06	5.348E-04	2.729E-03	5.345E-04	4.200E-07	2.673E-04	1.920E+04
2.433E-01	5.687E-02	2.011E-06	5.281E-04	2.490E-03	5.177E-04	3.610E-07	2.450E-04	1.940E+04
2.403E-01	5.865E-02	2.374E-06	5.210E-04	2.274E-03	5.012E-04	3.105E-07	2.245E-04	1.960E+04
2.374E-01	6.043E-02	2.792E-06	5.133E-04	2.078E-03	4.849E-04	2.673E-07	2.057E-04	1.980E+04
2.344E-01	6.218E-02	3.274E-06	5.053E-04	1.899E-03	4.689E-04	2.302E-07	1.884E-04	2.000E+04
2.314E-01	6.393E-02	3.826E-06	4.968E-04	1.737E-03	4.531E-04	1.985E-07	1.725E-04	2.020E+04
2.283E-01	6.566E-02	4.459E-06	4.880E-04	1.590E-03	4.377E-04	1.712E-07	1.580E-04	2.040E+04
2.253E-01	6.737E-02	5.181E-06	4.789E-04	1.455E-03	4.225E-04	1.448E-07	1.445E-04	2.060E+04
2.222E-01	6.906E-02	6.003E-06	4.695E-04	1.333E-03	4.076E-04	1.276E-07	1.323E-04	2.080E+04
2.192E-01	7.072E-02	6.936E-06	4.598E-04	1.227E-03	3.931E-04	1.103E-07	1.210E-04	2.100E+04
2.161E-01	7.237E-02	7.993E-06	4.500E-04	1.119E-03	3.788E-04	9.531E-08	1.107E-04	2.120E+04
2.130E-01	7.399E-02	9.188E-06	4.399E-04	1.026E-03	3.649E-04	8.242E-08	1.012E-04	2.140E+04
2.100E-01	7.559E-02	1.053E-05	4.298E-04	9.403E-04	3.513E-04	7.130E-08	9.256E-05	2.160E+04
2.069E-01	7.716E-02	1.205E-05	4.195E-04	8.624E-04	3.380E-04	6.169E-08	8.461E-05	2.180E+04
2.039E-01	7.870E-02	1.375E-05	4.091E-04	7.911E-04	3.250E-04	5.340E-08	7.733E-05	2.200E+04
2.008E-01	8.022E-02	1.565E-05	3.987E-04	7.258E-04	3.124E-04	4.624E-08	7.067E-05	2.220E+04
1.978E-01	8.171E-02	1.778E-05	3.882E-04	6.660E-04	3.001E-04	4.004E-08	6.457E-05	2.240E+04
1.948E-01	8.317E-02	2.015E-05	3.778E-04	6.112E-04	2.881E-04	3.469E-08	5.899E-05	2.260E+04
1.918E-01	8.460E-02	2.279E-05	3.673E-04	5.610E-04	2.765E-04	3.005E-08	5.389E-05	2.280E+04
1.888E-01	8.600E-02	2.573E-05	3.567E-04	5.150E-04	2.652E-04	2.604E-08	4.922E-05	2.300E+04
1.858E-01	8.737E-02	2.899E-05	3.466E-04	4.728E-04	2.543E-04	2.257E-08	4.496E-05	2.320E+04
1.828E-01	8.872E-02	3.260E-05	3.363E-04	4.340E-04	2.437E-04	1.956E-08	4.106E-05	2.340E+04
1.799E-01	9.003E-02	3.659E-05	3.261E-04	3.985E-04	2.334E-04	1.696E-08	3.749E-05	2.360E+04
1.770E-01	9.131E-02	4.099E-05	3.161E-04	3.659E-04	2.234E-04	1.470E-08	3.423E-05	2.380E+04
1.741E-01	9.257E-02	4.585E-05	3.061E-04	3.360E-04	2.138E-04	1.274E-08	3.126E-05	2.400E+04
1.713E-01	9.379E-02	5.119E-05	2.963E-04	3.086E-04	2.043E-04	1.105E-08	2.854E-05	2.420E+04
1.684E-01	9.499E-02	5.707E-05	2.867E-04	2.833E-04	1.955E-04	9.581E-09	2.606E-05	2.440E+04
1.654E-01	9.616E-02	6.351E-05	2.772E-04	2.602E-04	1.868E-04	8.308E-09	2.379E-05	2.460E+04
1.629E-01	9.730E-02	7.058E-05	2.679E-04	2.390E-04	1.785E-04	7.204E-09	2.172E-05	2.480E+04
1.601E-01	9.841E-02	7.831E-05	2.588E-04	2.194E-04	1.704E-04	6.247E-09	1.983E-05	2.500E+04

Table II. - Continued.

P/PO = 1.00E+03

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.542E-11	1.760E-18	0.
2.000E+02	0.	2.389E-49	0.	0.	0.	5.104E-11	1.760E-18	0.
3.000E+02	0.	1.044E-47	1.074E-81	0.	0.	4.815E-11	1.760E-18	0.
4.000E+02	0.	7.715E-37	2.626E-64	0.	0.	5.067E-11	1.760E-18	0.
5.000E+02	0.	2.632E-30	7.491E-54	0.	0.	5.057E-11	1.760E-18	0.
6.000E+02	1.122E-96	6.065E-26	7.210E-47	0.	0.	5.039E-11	1.760E-18	0.
7.000E+02	4.360E-82	7.743E-23	7.406E-42	0.	1.072E-91	4.641E-11	1.760E-18	5.995E-83
8.000E+02	6.388E-71	2.11E-20	3.394E-38	0.	1.452E-79	6.996E-11	1.760E-18	1.213E-72
9.000E+02	2.699E-61	4.861E-18	8.245E-36	0.	9.783E-69	8.136E-10	1.760E-18	8.986E-63
1.000E+03	2.340E-53	4.908E-16	5.225E-34	0.	9.852E-60	9.742E-09	1.760E-18	2.000E-54
1.100E+03	7.662E-47	2.177E-14	1.539E-32	0.	2.383E-52	7.615E-08	1.760E-18	1.420E-47
1.200E+03	2.096E-41	5.146E-13	2.589E-31	0.	3.395E-46	4.224E-07	1.760E-18	7.271E-42
1.300E+03	8.467E-37	7.489E-12	2.832E-30	0.	5.462E-41	1.797E-06	1.760E-18	4.909E-37
1.400E+03	7.608E-33	7.441E-11	2.208E-25	0.	1.583E-36	6.204E-06	1.760E-18	6.741E-33
1.500E+03	2.050E-29	5.447E-10	1.313E-28	0.	1.11E-32	1.813E-05	1.760E-18	2.591E-29
1.600E+03	2.076E-26	3.111E-09	6.262E-28	0.	2.810E-29	4.625E-05	1.760E-18	3.536E-26
1.700E+03	9.383E-24	1.448E-08	2.490E-27	0.	2.709E-26	1.056E-04	1.760E-18	2.059E-23
1.800E+03	2.55E-21	5.682E-08	8.547E-27	0.	1.210E-23	2.195E-04	1.760E-18	5.865E-21
1.900E+03	1.928E-19	1.931E-07	3.760E-26	0.	1.949E-21	4.220E-04	2.585E-18	6.310E-19
2.000E+03	2.705E-18	5.807E-07	5.840E-25	0.	4.613E-20	7.590E-04	1.488E-17	1.037E-17
2.100E+03	1.975E-17	1.572E-06	1.050E-23	0.	5.373E-19	1.289E-03	1.088E-16	8.673E-17
2.200E+03	1.157E-16	3.887E-06	1.512E-22	1.644E-87	4.784E-18	2.084E-03	6.929E-16	5.708E-16
2.300E+03	5.799E-16	8.880E-06	1.751E-21	1.327E-83	3.496E-17	3.224E-03	3.777E-15	3.161E-15
2.400E+03	2.547E-15	1.892E-05	1.650E-20	5.089E-80	2.158E-16	4.883E-03	1.788E-14	1.512E-14
2.500E+03	9.968E-15	3.793E-05	1.301E-19	1.009E-76	1.149E-15	6.914E-03	7.464E-14	6.356E-14
2.600E+03	3.521E-14	7.200E-05	8.748E-19	1.118E-73	5.370E-15	9.656E-03	2.788E-13	2.384E-13
2.700E+03	1.135E-13	1.302E-04	5.109E-18	7.376E-71	2.233E-14	1.312E-02	9.427E-13	4.076E-13
2.800E+03	3.376E-13	2.254E-04	2.630E-17	3.062E-68	8.368E-14	1.739E-02	2.915E-12	2.497E-12
2.900E+03	9.328E-13	3.750E-04	1.208E-16	8.396E-66	2.855E-13	2.253E-02	3.18E-12	7.112E-12
3.000E+03	2.413E-12	6.022E-04	5.011E-16	1.583E-63	8.953E-13	2.857E-02	2.06E-11	1.880E-11
3.100E+03	5.882E-12	9.362E-04	1.895E-15	2.131E-61	2.600E-12	3.555E-02	5.477E-11	7.643E-11
3.200E+03	1.358E-11	1.413E-03	6.584E-15	2.110E-59	7.041E-12	4.344E-02	1.280E-10	1.078E-10
3.300E+03	2.984E-11	2.075E-03	2.119E-14	1.561E-57	1.789E-11	5.218E-02	2.830E-10	2.364E-10
3.400E+03	6.268E-11	2.971E-03	6.358E-14	9.192E-56	4.288E-11	6.170E-02	5.945E-10	4.919E-10
3.500E+03	1.263E-10	4.158E-03	1.789E-13	4.234E-54	9.739E-11	7.188E-02	1.192E-09	9.754E-10
3.600E+03	2.450E-10	5.696E-03	4.745E-13	1.576E-52	2.105E-10	8.257E-02	2.288E-09	1.849E-09
3.700E+03	4.588E-10	7.649E-03	1.192E-12	4.822E-51	4.347E-10	9.360E-02	4.220E-09	3.364E-09
3.800E+03	8.316E-10	1.008E-02	2.848E-12	1.232E-49	8.604E-10	1.048E-01	7.498E-09	5.886E-09
3.900E+03	1.463E-09	1.307E-02	6.495E-12	2.664E-48	1.637E-09	1.159E-01	1.287E-08	9.934E-09
4.000E+03	2.502E-09	1.666E-02	1.419E-11	4.939E-47	3.003E-09	1.267E-01	2.139E-08	1.621E-08
4.100E+03	4.169E-09	2.093E-02	2.979E-11	7.937E-46	5.323E-09	1.371E-01	3.451E-08	2.563E-08
4.200E+03	6.781E-09	2.593E-02	6.028E-11	1.117E-44	9.139E-09	1.469E-01	5.415E-08	3.936E-08
4.300E+03	1.078E-08	3.171E-02	1.178E-10	1.391E-43	1.523E-08	1.558E-01	8.277E-08	5.873E-08
4.400E+03	1.677E-08	3.829E-02	2.230E-10	1.544E-42	2.468E-08	1.638E-01	1.235E-07	8.542E-08
4.500E+03	2.559E-08	4.571E-02	4.097E-10	1.540E-41	3.895E-08	1.708E-01	1.801E-07	1.212E-07
4.600E+03	3.830E-08	5.398E-02	7.320E-10	1.390E-40	5.998E-08	1.746E-01	2.571E-07	1.681E-07
4.700E+03	5.633E-08	6.311E-02	1.274E-09	1.142E-39	9.026E-08	1.812E-01	3.597E-07	2.282E-07
4.800E+03	8.148E-08	7.307E-02	2.163E-09	8.604E-39	1.329E-07	1.845E-01	4.941E-07	3.033E-07
4.900E+03	1.160E-07	8.385E-02	3.591E-09	5.970E-38	1.916E-07	1.867E-01	6.669E-07	3.956E-07
5.000E+03	1.627E-07	9.539E-02	5.832E-09	3.835E-37	2.710E-07	1.876E-01	8.853E-07	5.065E-07
5.100E+03	2.231E-07	1.077E-01	9.283E-09	2.291E-36	3.764E-07	1.874E-01	1.157E-06	6.373E-07
5.200E+03	3.073E-07	1.206E-01	1.450E-08	1.279E-35	5.137E-07	1.861E-01	1.490E-06	7.890E-07
5.300E+03	4.144E-07	1.341E-01	2.223E-08	6.689E-35	6.897E-07	1.838E-01	1.893E-06	9.618E-07
5.400E+03	5.521E-07	1.481E-01	3.351E-08	3.293E-34	9.119E-07	1.805E-01	2.373E-06	1.155E-06
5.500E+03	7.273E-07	1.625E-01	4.971E-08	1.530E-33	1.188E-06	1.764E-01	2.939E-06	1.369E-06
5.600E+03	9.482E-07	1.773E-01	7.261E-08	6.733E-33	1.527E-06	1.715E-01	3.596E-06	1.600E-06
5.700E+03	1.224E-06	1.923E-01	1.045E-07	2.813E-32	1.936E-06	1.661E-01	4.350E-06	1.848E-06
5.800E+03	1.565E-06	2.073E-01	1.484E-07	1.118E-31	2.425E-06	1.600E-01	5.206E-06	2.110E-06
5.900E+03	1.983E-06	2.224E-01	2.079E-07	4.243E-31	3.003E-06	1.536E-01	6.166E-06	2.382E-06
6.000E+03	2.493E-06	2.374E-01	2.875E-07	1.539E-30	3.679E-06	1.469E-01	7.232E-06	2.661E-06
6.100E+03	3.109E-06	2.523E-01	3.928E-07	5.349E-30	4.460E-06	1.399E-01	8.402E-06	2.945E-06
6.200E+03	3.849E-06	2.668E-01	5.305E-07	1.784E-29	5.356E-06	1.328E-01	9.672E-06	3.229E-06
6.300E+03	4.733E-06	2.811E-01	7.083E-07	5.727E-29	6.374E-06	1.257E-01	1.104E-05	3.511E-06
6.400E+03	5.783E-06	2.949E-01	9.354E-07	1.767E-28	7.523E-06	1.186E-01	1.249E-05	3.789E-06
6.500E+03	7.025E-06	3.082E-01	1.223E-06	5.261E-28	8.810E-06	1.116E-01	1.402E-05	4.059E-06
6.600E+03	8.488E-06	3.210E-01	1.582E-06	1.512E-27	1.025E-05	1.047E-01	1.561E-05	4.321E-06
6.700E+03	1.020E-05	3.333E-01	2.024E-06	4.204E-27	1.184E-05	9.801E-02	1.726E-05	4.572E-06
6.800E+03	1.221E-05	3.449E-01	2.571E-06	1.131E-26	1.359E-05	9.158E-02	1.894E-05	4.813E-06
6.900E+03	1.455E-05	3.560E-01	3.233E-06	2.950E-26	1.552E-05	8.541E-02	2.065E-05	5.041E-06
7.000E+03	1.727E-05	3.664E-01	4.030E-06	7.462E-26	1.764E-05	7.954E-02	2.235E-05	5.259E-06
7.100E+03	2.042E-05	3.762E-01	4.980E-06	1.833E-25	1.995E-05	7.307E-02	2.405E-05	5.465E-06
7.200E+03	2.407E-05	3.854E-01	6.103E-06	4.378E-25	2.247E-05	6.872E-02	2.572E-05	5.661E-06
7.300E+03	2.828E-05	3.940E-01	7.421E-06	1.018E-24	2.522E-05	6.378E-02	2.738E-05	5.847E-06
7.400E+03	3.314E-05	4.020E-01	8.955E-06	2.304E-24	2.821E-05	5.916E-02	2.894E-05	6.025E-06
7.500E+03	3.872E-05	4.094E-01	1.073E-05	5.057E-24	3.144E-05	5.485E-02	3.045E-05	6.194E-06
7.600E+03	4.514E-05	4.164E-01	1.276E-05	1.094E-23	3.494E-05	5.084E-02	3.190E-05	6.358E-06
7.700E+03	5.249E-05	4.228E-01	1.508E-05	2.308E-23	3.876E-05	4.712E-02	3.327E-05	6.516E-06
7.800E+03	6.090E-05	4.288E-01	1.770E-05	4.750E-23	4.287E-05	4.367E-02	3.455E-05	6.669E-06
7.900E+03	7.051E-05	4.343E-01	2.066E-05	9.570E-23	4.732E-05	4.049E-02	3.575E-05	6.819E-06
8.000E+03	8.147E-05	4.395E-01	2.398E-05	1.889E-22	5.212E-05	3.756E-02	3.686E-05	6.976E-06
8.200E+03	1.081E-04	4.488E-01	3.177E-05	6.938E-22	6.288E-05	3.237E-02	3.883E-05	7.260E-06

Table II. - Continued.

P/PO = 1.00E+03

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.970E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	7.978E-42	5.284E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.656E-29	1.826E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	4.202E-22	4.094E-49	1.000E+00	0.	5.000E+02
3.830E-82	3.849E-83	0.	0.	3.672E-17	7.191E-41	1.000E+00	0.	4.000E+02
2.870E-68	3.488E-70	0.	0.	1.287E-13	6.239E-35	1.000E+00	0.	7.000E+02
4.598E-58	7.166E-61	0.	0.	4.611E-11	8.716E-31	1.000E+00	6.507E-80	8.000E+02
4.731E-51	1.765E-55	0.	0.	1.532E-09	5.926E-29	1.000E+00	3.393E-70	9.000E+02
1.149E-45	1.292E-51	0.	1.867E-90	1.979E-08	7.920E-28	1.000E+00	7.097E-65	1.000E+03
2.862E-41	1.790E-48	0.	3.184E-80	1.522E-07	6.345E-27	1.000E+00	6.559E-57	1.100E+03
1.320E-37	7.438E-46	0.	1.071E-71	8.447E-07	3.584E-26	1.000E+00	6.144E-52	1.200E+03
1.667E-34	1.228E-43	0.	1.755E-64	3.594E-06	1.552E-25	1.000E+00	9.882E-48	1.300E+03
7.603E-32	9.812E-42	0.	2.680E-58	1.741E-05	5.450E-25	1.000E+00	3.986E-44	1.400E+03
1.535E-29	4.388E-40	2.564E-95	6.127E-53	3.626E-05	1.620E-24	9.999E-01	5.316E-41	1.500E+03
1.598E-27	1.224E-38	1.091E-91	2.993E-48	9.251E-05	4.202E-24	9.999E-01	2.885E-38	1.600E+03
9.642E-26	2.314E-37	1.745E-88	4.103E-44	2.111E-04	9.748E-24	9.997E-01	7.466E-36	1.700E+03
3.692E-24	3.178E-36	1.246E-85	1.941E-40	4.390E-04	2.069E-23	9.993E-01	1.042E-33	1.800E+03
9.638E-23	4.834E-35	9.483E-83	2.585E-37	8.442E-04	5.913E-23	9.987E-01	8.651E-32	1.900E+03
1.817E-21	2.295E-33	6.238E-79	4.096E-35	1.515E-03	6.215E-22	9.977E-01	4.616E-30	2.000E+03
2.590E-20	1.135E-31	4.014E-75	2.667E-33	2.580E-03	7.851E-21	9.961E-01	1.686E-28	2.100E+03
2.901E-19	4.116E-30	1.274E-71	1.136E-31	4.171E-02	8.221E-20	9.937E-01	4.442E-27	2.200E+03
2.634E-18	1.101E-28	2.034E-68	3.453E-30	6.458E-03	7.057E-19	9.903E-01	8.799E-26	2.300E+03
1.990E-17	2.243E-27	1.764E-65	7.938E-29	9.624E-03	5.067E-18	9.856E-01	1.359E-24	2.400E+03
1.279E-16	3.597E-26	8.934E-63	1.413E-27	1.387E-02	3.106E-17	9.792E-01	1.684E-23	2.500E+03
7.123E-16	4.647E-25	2.808E-60	2.012E-26	1.938E-02	1.655E-16	9.709E-01	1.718E-22	2.600E+03
3.492E-15	5.003E-24	5.774E-58	2.350E-25	2.637E-02	7.777E-16	9.604E-01	1.475E-21	2.700E+03
1.527E-14	4.533E-23	8.128E-56	2.300E-24	3.500E-02	3.268E-15	9.474E-01	1.084E-20	2.800E+03
6.029E-14	3.529E-22	8.145E-54	1.919E-23	4.543E-02	1.241E-14	9.317E-01	6.930E-20	2.900E+03
2.170E-13	2.397E-21	6.011E-52	1.388E-22	5.775E-02	4.304E-14	9.131E-01	3.908E-19	3.000E+03
7.185E-13	1.438E-20	3.358E-50	8.812E-22	7.204E-02	1.374E-13	8.915E-01	1.957E-18	3.100E+03
2.205E-12	7.717E-20	1.461E-48	4.975E-21	8.828E-02	4.067E-13	8.649E-01	8.927E-18	3.200E+03
6.316E-12	3.739E-19	5.083E-47	2.523E-20	1.064E-01	1.124E-12	8.393E-01	3.587E-17	3.300E+03
1.698E-11	1.650E-18	1.432E-45	1.160E-19	1.264E-01	2.904E-12	8.089E-01	1.397E-16	3.400E+03
4.310E-11	6.689E-18	3.326E-44	4.876E-19	1.479E-01	7.145E-12	7.760E-01	4.891E-16	3.500E+03
1.037E-10	2.508E-17	6.517E-43	1.887E-18	1.708E-01	1.659E-11	7.409E-01	1.592E-15	3.600E+03
2.377E-10	8.752E-17	1.090E-41	6.772E-18	1.948E-01	3.670E-11	7.039E-01	4.849E-15	3.700E+03
5.206E-10	2.859E-16	1.571E-40	2.265E-17	2.196E-01	7.731E-11	6.655E-01	1.388E-14	3.800E+03
1.094E-09	8.788E-16	1.973E-39	7.102E-17	2.448E-01	1.572E-10	6.262E-01	3.754E-14	3.900E+03
2.212E-09	2.553E-15	2.190E-38	2.997E-16	2.701E-01	3.069E-10	5.865E-01	9.631E-14	4.000E+03
4.317E-09	7.043E-15	2.166E-37	5.858E-16	2.952E-01	5.764E-10	5.467E-01	2.537E-13	4.100E+03
8.150E-09	1.852E-14	1.922E-36	1.554E-15	3.197E-01	1.049E-09	5.075E-01	2.537E-12	4.200E+03
1.492E-08	4.655E-14	1.542E-35	3.928E-15	3.434E-01	1.850E-09	4.691E-01	1.121E-11	4.300E+03
2.656E-08	1.123E-13	1.130E-34	9.495E-15	3.660E-01	3.172E-09	4.319E-01	2.654E-12	4.400E+03
4.604E-08	2.606E-13	7.594E-34	2.201E-14	3.873E-01	5.255E-09	7.962E-01	5.518E-12	4.500E+03
7.787E-08	5.838E-13	4.708E-33	4.909E-14	4.071E-01	8.625E-09	3.423E-01	1.110E-11	4.600E+03
1.287E-07	1.265E-12	2.709E-32	1.056E-13	4.255E-01	1.373E-08	3.303E-01	2.164E-11	4.700E+03
2.084E-07	2.657E-12	1.453E-31	2.195E-13	4.422E-01	2.140E-08	3.002E-01	4.102E-11	4.800E+03
3.307E-07	5.424E-12	7.304E-31	4.419E-13	4.572E-01	3.271E-08	2.722E-01	7.572E-11	4.900E+03
5.153E-07	1.078E-11	3.453E-30	8.639E-13	4.707E-01	4.977E-08	2.413E-01	1.354E-10	5.000E+03
7.894E-07	2.088E-11	1.542E-29	1.642E-12	4.825E-01	7.238E-08	2.224E-01	2.402E-10	5.100E+03
1.190E-06	3.053E-11	6.523E-29	3.042E-12	4.928E-01	1.051E-07	2.005E-01	4.141E-10	5.200E+03
1.768E-06	7.320E-11	2.624E-28	5.500E-12	5.016E-01	1.503E-07	1.805E-01	7.004E-10	5.300E+03
2.590E-06	1.328E-10	1.006E-27	9.718E-12	5.091E-01	2.121E-07	1.623E-01	1.163E-09	5.400E+03
3.745E-06	2.371E-10	3.691E-27	1.681E-11	5.153E-01	2.954E-07	1.458E-01	1.901E-09	5.500E+03
5.351E-06	4.147E-10	1.298E-26	2.849E-11	5.203E-01	4.066E-07	1.308E-01	3.057E-09	5.600E+03
7.561E-06	7.130E-10	4.384E-26	4.740E-11	5.244E-01	5.532E-07	1.173E-01	4.848E-09	5.700E+03
1.057E-05	1.206E-09	1.426E-25	7.749E-11	5.274E-01	7.446E-07	1.052E-01	7.588E-09	5.800E+03
1.464E-05	2.011E-09	4.472E-25	1.246E-10	5.297E-01	9.924E-07	9.425E-02	1.173E-08	5.900E+03
2.008E-05	3.304E-09	1.356E-24	1.973E-10	5.312E-01	1.310E-06	8.445E-02	1.792E-08	6.000E+03
2.730E-05	5.354E-09	3.977E-24	3.070E-10	5.321E-01	1.714E-06	7.567E-02	2.710E-08	6.100E+03
3.683E-05	8.565E-09	1.131E-23	4.735E-10	5.325E-01	2.223E-06	6.781E-02	4.058E-08	6.200E+03
4.930E-05	1.353E-08	3.119E-23	7.209E-10	5.324E-01	2.859E-06	6.078E-02	6.019E-08	6.300E+03
6.552E-05	2.112E-08	8.355E-23	1.083E-09	5.319E-01	3.649E-06	5.450E-02	8.850E-08	6.400E+03
8.647E-05	3.259E-08	2.178E-22	1.610E-09	5.312E-01	4.622E-06	4.840E-02	1.291E-07	6.500E+03
1.134E-04	4.972E-08	5.525E-22	2.368E-09	5.302E-01	5.810E-06	4.390E-02	1.676E-07	6.600E+03
1.477E-04	7.503E-08	1.366E-21	3.450E-09	5.291E-01	7.253E-06	3.945E-02	2.682E-07	6.700E+03
1.914E-04	1.120E-07	3.291E-21	4.980E-09	5.278E-01	8.992E-06	3.347E-02	3.824E-07	6.800E+03
2.465E-04	1.656E-07	7.737E-21	7.128E-09	5.264E-01	1.107E-05	3.193E-02	5.416E-07	6.900E+03
3.157E-04	2.423E-07	1.776E-20	1.012E-08	5.249E-01	1.355E-05	2.877E-02	7.519E-07	7.000E+03
4.022E-04	3.510E-07	3.982E-20	1.426E-08	5.234E-01	1.647E-05	2.595E-02	1.065E-06	7.100E+03
5.098E-04	5.037E-07	8.731E-20	1.996E-08	5.219E-01	1.989E-05	2.344E-02	1.479E-06	7.200E+03
6.429E-04	7.159E-07	1.873E-19	2.773E-08	5.203E-01	2.388E-05	2.120E-02	2.042E-06	7.300E+03
8.068E-04	1.008E-06	3.931E-19	3.829E-08	5.187E-01	2.850E-05	1.919E-02	2.802E-06	7.400E+03
1.008E-03	1.407E-06	8.083E-19	5.252E-08	5.172E-01	3.383E-05	1.740E-02	3.821E-06	7.500E+03
1.253E-03	1.947E-06	1.629E-18	7.162E-08	5.156E-01	3.992E-05	1.580E-02	5.179E-06	7.600E+03
1.550E-03	2.670E-06	3.218E-18	9.708E-08	5.140E-01	4.685E-05	1.436E-02	6.979E-06	7.700E+03
1.909E-03	3.630E-06	6.238E-18	1.308E-07	5.123E-01	5.469E-05	1.307E-02	9.347E-06	7.800E+03
2.340E-03	4.896E-06	1.187E-17	1.753E-07	5.107E-01	6.352E-05	1.192E-02	1.244E-05	7.900E+03
2.856E-03	6.550E-06	2.219E-17	2.356E-07	5.089E-01	7.340E-05	1.088E-02	1.667E-05	8.000E+03
4.199E-03	1.145E-05	7.365E-17	4.082E-07	5.051E-01	9.662E-05	9.102E-03	2.832E-05	8.200E+03



Table II. - Continued.

T	E-	Q	Q+	Q++	Q-	Q2	Q2+	Q2-
8.400E+03	1.424E-04	4.570E-01	4.129E-05	2.370E-21	7.538E-05	2.709E-02	4.047E-05	7.555E-06
8.600E+03	1.861E-04	4.644E-01	5.273E-05	7.574E-21	8.983E-05	2.430E-02	4.182E-05	7.859E-06
8.800E+03	2.416E-04	4.713E-01	6.632E-05	2.278E-20	1.065E-04	2.120E-02	4.295E-05	8.180E-06
9.000E+03	3.114E-04	4.779E-01	8.231E-05	6.479E-20	1.257E-04	1.860E-02	4.391E-05	8.521E-06
9.200E+03	3.984E-04	4.844E-01	1.010E-04	1.752E-19	1.477E-04	1.642E-02	4.476E-05	8.889E-06
9.400E+03	5.041E-04	4.911E-01	1.227E-04	4.528E-19	1.728E-04	1.460E-02	4.557E-05	9.286E-06
9.600E+03	6.379E-04	4.981E-01	1.479E-04	1.123E-18	2.013E-04	1.304E-02	4.642E-05	9.716E-06
9.800E+03	7.977E-04	5.055E-01	1.770E-04	2.686E-18	2.334E-04	1.177E-02	4.735E-05	1.017E-05
1.000E+04	9.894E-04	5.134E-01	2.108E-04	6.214E-18	2.693E-04	1.068E-02	4.843E-05	1.065E-05
1.020E+04	1.217E-03	5.219E-01	2.500E-04	1.396E-17	3.090E-04	9.747E-03	4.968E-05	1.115E-05
1.040E+04	1.483E-03	5.307E-01	2.954E-04	3.054E-17	3.524E-04	8.944E-03	5.112E-05	1.166E-05
1.060E+04	1.792E-03	5.399E-01	3.481E-04	6.521E-17	3.994E-04	8.257E-03	5.278E-05	1.216E-05
1.080E+04	2.147E-03	5.492E-01	4.089E-04	1.361E-16	4.497E-04	7.549E-03	5.464E-05	1.265E-05
1.100E+04	2.551E-03	5.584E-01	4.792E-04	2.783E-16	5.028E-04	7.109E-03	5.670E-05	1.310E-05
1.120E+04	3.005E-03	5.675E-01	5.601E-04	5.576E-16	5.583E-04	6.623E-03	5.893E-05	1.352E-05
1.140E+04	3.514E-03	5.762E-01	6.528E-04	1.096E-15	6.157E-04	6.181E-03	6.132E-05	1.388E-05
1.160E+04	4.078E-03	5.844E-01	7.586E-04	2.116E-15	6.744E-04	5.775E-03	6.383E-05	1.417E-05
1.180E+04	4.700E-03	5.920E-01	8.790E-04	4.012E-15	7.339E-04	5.400E-03	6.645E-05	1.440E-05
1.200E+04	5.382E-03	5.989E-01	1.015E-03	7.477E-15	7.937E-04	5.051E-03	6.916E-05	1.457E-05
1.220E+04	6.126E-03	6.051E-01	1.169E-03	1.370E-14	8.533E-04	4.726E-03	7.192E-05	1.464E-05
1.240E+04	6.933E-03	6.106E-01	1.342E-03	2.470E-14	9.125E-04	4.423E-03	7.473E-05	1.469E-05
1.260E+04	7.806E-03	6.154E-01	1.535E-03	4.384E-14	9.708E-04	4.139E-03	7.758E-05	1.467E-05
1.280E+04	8.748E-03	6.195E-01	1.751E-03	7.662E-14	1.028E-03	3.874E-03	8.044E-05	1.458E-05
1.300E+04	9.758E-03	6.230E-01	1.991E-03	1.319E-13	1.084E-03	3.627E-03	8.332E-05	1.445E-05
1.320E+04	1.084E-02	6.259E-01	2.256E-03	2.236E-13	1.139E-03	3.396E-03	8.621E-05	1.428E-05
1.340E+04	1.200E-02	6.283E-01	2.549E-03	3.746E-13	1.192E-03	3.181E-03	8.910E-05	1.407E-05
1.360E+04	1.323E-02	6.301E-01	2.871E-03	6.184E-13	1.243E-03	2.981E-03	9.198E-05	1.383E-05
1.380E+04	1.454E-02	6.315E-01	3.225E-03	1.008E-12	1.293E-03	2.784E-03	9.486E-05	1.356E-05
1.400E+04	1.593E-02	6.324E-01	3.613E-03	1.621E-12	1.341E-03	2.621E-03	9.773E-05	1.328E-05
1.420E+04	1.740E-02	6.330E-01	4.036E-03	2.577E-12	1.387E-03	2.460E-03	1.006E-04	1.298E-05
1.440E+04	1.895E-02	6.332E-01	4.497E-03	4.047E-12	1.431E-03	2.310E-03	1.034E-04	1.267E-05
1.460E+04	2.059E-02	6.331E-01	4.997E-03	6.285E-12	1.474E-03	2.170E-03	1.062E-04	1.235E-05
1.480E+04	2.232E-02	6.328E-01	5.539E-03	9.654E-12	1.515E-03	2.040E-03	1.090E-04	1.202E-05
1.500E+04	2.413E-02	6.321E-01	6.126E-03	1.467E-11	1.554E-03	1.919E-03	1.118E-04	1.169E-05
1.520E+04	2.603E-02	6.312E-01	6.759E-03	2.207E-11	1.591E-03	1.806E-03	1.146E-04	1.136E-05
1.540E+04	2.802E-02	6.301E-01	7.440E-03	3.288E-11	1.626E-03	1.701E-03	1.173E-04	1.102E-05
1.560E+04	3.011E-02	6.283E-01	8.172E-03	4.851E-11	1.660E-03	1.603E-03	1.200E-04	1.069E-05
1.580E+04	3.228E-02	6.272E-01	8.957E-03	7.093E-11	1.691E-03	1.522E-03	1.228E-04	1.036E-05
1.600E+04	3.455E-02	6.255E-01	9.797E-03	1.028E-10	1.721E-03	1.426E-03	1.252E-04	1.003E-05
1.620E+04	3.691E-02	6.236E-01	1.070E-02	1.477E-10	1.748E-03	1.346E-03	1.279E-04	9.705E-06
1.640E+04	3.936E-02	6.214E-01	1.165E-02	2.104E-10	1.774E-03	1.271E-03	1.303E-04	9.383E-06
1.660E+04	4.191E-02	6.192E-01	1.267E-02	2.974E-10	1.798E-03	1.201E-03	1.327E-04	9.066E-06
1.680E+04	4.455E-02	6.167E-01	1.375E-02	4.171E-10	1.819E-03	1.135E-03	1.351E-04	8.753E-06
1.700E+04	4.729E-02	6.141E-01	1.490E-02	5.807E-10	1.839E-03	1.073E-03	1.374E-04	8.445E-06
1.720E+04	5.011E-02	6.113E-01	1.612E-02	8.026E-10	1.857E-03	1.015E-03	1.396E-04	8.142E-06
1.740E+04	5.303E-02	6.083E-01	1.740E-02	1.102E-09	1.873E-03	9.589E-04	1.418E-04	7.845E-06
1.760E+04	5.604E-02	6.052E-01	1.876E-02	1.502E-09	1.886E-03	9.083E-04	1.439E-04	7.554E-06
1.780E+04	5.915E-02	6.019E-01	2.019E-02	2.034E-09	1.898E-03	8.586E-04	1.458E-04	7.268E-06
1.800E+04	6.234E-02	5.985E-01	2.169E-02	2.737E-09	1.908E-03	8.137E-04	1.477E-04	6.988E-06
1.820E+04	6.562E-02	5.949E-01	2.327E-02	3.660E-09	1.916E-03	7.704E-04	1.495E-04	6.714E-06
1.840E+04	6.899E-02	5.912E-01	2.493E-02	4.866E-09	1.922E-03	7.294E-04	1.512E-04	6.447E-06
1.860E+04	7.244E-02	5.873E-01	2.666E-02	6.431E-09	1.925E-03	6.907E-04	1.527E-04	6.185E-06
1.880E+04	7.598E-02	5.833E-01	2.848E-02	8.452E-09	1.927E-03	6.540E-04	1.542E-04	5.930E-06
1.900E+04	7.961E-02	5.791E-01	3.037E-02	1.105E-08	1.927E-03	6.193E-04	1.555E-04	5.682E-06
1.920E+04	8.331E-02	5.748E-01	3.235E-02	1.436E-08	1.925E-03	5.864E-04	1.567E-04	5.439E-06
1.940E+04	8.710E-02	5.704E-01	3.440E-02	1.858E-08	1.922E-03	5.552E-04	1.577E-04	5.203E-06
1.960E+04	9.096E-02	5.658E-01	3.654E-02	2.391E-08	1.916E-03	5.256E-04	1.587E-04	4.974E-06
1.980E+04	9.490E-02	5.610E-01	3.876E-02	3.063E-08	1.909E-03	4.976E-04	1.594E-04	4.751E-06
2.000E+04	9.891E-02	5.562E-01	4.106E-02	3.904E-08	1.900E-03	4.789E-04	1.601E-04	4.534E-06
2.020E+04	1.030E-01	5.512E-01	4.344E-02	4.953E-08	1.889E-03	4.456E-04	1.606E-04	4.324E-06
2.040E+04	1.071E-01	5.460E-01	4.590E-02	6.256E-08	1.877E-03	4.216E-04	1.609E-04	4.120E-06
2.060E+04	1.114E-01	5.408E-01	4.844E-02	7.867E-08	1.863E-03	3.988E-04	1.611E-04	3.923E-06
2.080E+04	1.156E-01	5.354E-01	5.105E-02	9.852E-08	1.847E-03	3.771E-04	1.612E-04	3.732E-06
2.100E+04	1.200E-01	5.299E-01	5.375E-02	1.229E-07	1.830E-03	3.565E-04	1.611E-04	3.547E-06
2.120E+04	1.244E-01	5.243E-01	5.652E-02	1.526E-07	1.811E-03	3.369E-04	1.608E-04	3.369E-06
2.140E+04	1.288E-01	5.186E-01	5.936E-02	1.888E-07	1.792E-03	3.183E-04	1.604E-04	3.197E-06
2.160E+04	1.333E-01	5.127E-01	6.228E-02	2.326E-07	1.770E-03	3.006E-04	1.599E-04	3.031E-06
2.180E+04	1.379E-01	5.068E-01	6.526E-02	2.856E-07	1.748E-03	2.838E-04	1.592E-04	2.871E-06
2.200E+04	1.425E-01	5.007E-01	6.832E-02	3.493E-07	1.725E-03	2.678E-04	1.583E-04	2.717E-06
2.220E+04	1.471E-01	4.946E-01	7.143E-02	4.258E-07	1.700E-03	2.526E-04	1.573E-04	2.570E-06
2.240E+04	1.518E-01	4.884E-01	7.462E-02	5.172E-07	1.674E-03	2.382E-04	1.562E-04	2.428E-06
2.260E+04	1.565E-01	4.820E-01	7.786E-02	6.261E-07	1.647E-03	2.245E-04	1.549E-04	2.292E-06
2.280E+04	1.612E-01	4.757E-01	8.115E-02	7.554E-07	1.620E-03	2.125E-04	1.535E-04	2.162E-06
2.300E+04	1.660E-01	4.692E-01	8.451E-02	9.085E-07	1.591E-03	1.992E-04	1.519E-04	2.037E-06
2.320E+04	1.708E-01	4.627E-01	8.791E-02	1.089E-06	1.562E-03	1.875E-04	1.503E-04	1.918E-06
2.340E+04	1.756E-01	4.561E-01	9.135E-02	1.302E-06	1.532E-03	1.744E-04	1.485E-04	1.804E-06
2.360E+04	1.804E-01	4.494E-01	9.485E-02	1.551E-06	1.502E-03	1.659E-04	1.466E-04	1.695E-06
2.380E+04	1.853E-01	4.427E-01	9.838E-02	1.843E-06	1.471E-03	1.559E-04	1.446E-04	1.592E-06
2.400E+04	1.901E-01	4.360E-01	1.019E-01	2.183E-06	1.440E-03	1.464E-04	1.424E-04	1.494E-06
2.420E+04	1.950E-01	4.292E-01	1.055E-01	2.579E-06	1.408E-03	1.375E-04	1.402E-04	1.400E-06
2.440E+04	1.998E-01	4.224E-01	1.092E-01	3.039E-06	1.376E-03	1.291E-04	1.379E-04	1.311E-06
2.460E+04	2.047E-01	4.155E-01	1.128E-01	3.571E-06	1.343E-03	1.211E-04	1.355E-04	1.227E-06
2.480E+04	2.096E-01	4.087E-01	1.163E-01	4.185E-06	1.311E-03	1.135E-04	1.331E-04	1.147E-06
2.500E+04	2.144E-01	4.018E-01	1.202E-01	4.892E-06	1.279E-03	1.064E-04	1.305E-04	1.072E-06

Table II. - Continued.

C	C+	C++	C-	CC	CO+	CO2	C2	T
6.065E-03	1.941E-05	2.290E-15	5.978E-07	3.008E-01	1.248E-04	7.652E-03	4.749E-05	8.400E+03
8.606E-03	3.195E-05	6.692E-15	1.167E-06	4.955E-01	1.585E-04	6.462E-03	7.764E-05	8.600E+03
1.200E-02	5.112E-05	1.345E-15	1.911E-06	4.892E-01	1.978E-04	3.479E-03	1.236E-04	8.800E+03
1.642E-02	7.959E-05	4.815E-15	3.059E-06	4.814E-01	2.429E-04	4.660E-03	1.914E-04	9.000E+03
2.207E-02	1.206E-04	1.193E-14	4.787E-06	4.717E-01	2.935E-04	3.973E-03	2.878E-04	9.200E+03
2.910E-02	1.780E-04	2.815E-14	7.316E-06	4.600E-01	3.492E-04	3.392E-03	4.199E-04	9.400E+03
3.764E-02	2.562E-04	6.346E-14	1.091E-05	4.460E-01	4.094E-04	2.898E-03	5.935E-04	9.600E+03
4.775E-02	3.599E-04	1.370E-13	1.587E-05	4.296E-01	4.729E-04	2.474E-03	8.120E-04	9.800E+03
5.929E-02	4.939E-04	2.329E-13	2.250E-05	4.107E-01	5.387E-04	2.109E-03	1.075E-03	1.000E+04
7.245E-02	6.527E-04	3.670E-13	3.109E-05	3.894E-01	6.055E-04	1.794E-03	1.376E-03	1.020E+04
8.673E-02	8.707E-04	1.094E-12	4.188E-05	3.666E-01	6.718E-04	1.521E-03	1.706E-03	1.040E+04
1.019E-01	1.122E-03	2.044E-12	5.500E-05	3.421E-01	7.363E-04	1.284E-03	2.049E-03	1.060E+04
1.177E-01	1.419E-03	3.797E-12	7.751E-05	3.166E-01	7.977E-04	1.090E-03	2.388E-03	1.080E+04
1.338E-01	1.764E-03	5.543E-12	8.834E-05	2.907E-01	8.549E-04	9.041E-04	2.706E-03	1.100E+04
1.498E-01	2.160E-03	1.126E-11	1.083E-04	2.650E-01	9.070E-04	7.533E-04	2.988E-03	1.120E+04
1.654E-01	2.606E-03	1.893E-11	1.302E-04	2.399E-01	9.531E-04	6.248E-04	3.222E-03	1.140E+04
1.803E-01	3.103E-03	3.115E-11	1.536E-04	2.158E-01	9.929E-04	5.160E-04	3.401E-03	1.160E+04
1.943E-01	3.655E-03	5.024E-11	1.782E-04	1.931E-01	1.026E-03	4.245E-04	3.521E-03	1.180E+04
2.073E-01	4.254E-03	7.951E-11	2.036E-04	1.720E-01	1.053E-03	3.482E-04	3.585E-03	1.200E+04
2.192E-01	4.908E-03	1.237E-10	2.294E-04	1.527E-01	1.074E-03	2.848E-04	3.595E-03	1.220E+04
2.299E-01	5.611E-03	1.892E-10	2.553E-04	1.350E-01	1.088E-03	2.325E-04	3.559E-03	1.240E+04
2.395E-01	6.362E-03	2.852E-10	2.810E-04	1.192E-01	1.098E-03	1.896E-04	3.482E-03	1.260E+04
2.479E-01	7.157E-03	4.235E-10	3.063E-04	1.036E-01	1.102E-03	1.544E-04	3.377E-03	1.280E+04
2.552E-01	8.011E-03	6.210E-10	3.309E-04	9.240E-02	1.103E-03	1.238E-04	3.246E-03	1.300E+04
2.615E-01	8.907E-03	8.938E-10	3.548E-04	8.128E-02	1.099E-03	1.025E-04	3.099E-03	1.320E+04
2.669E-01	9.850E-03	1.284E-09	3.777E-04	7.150E-02	1.093E-03	8.357E-05	2.941E-03	1.340E+04
2.714E-01	1.084E-02	1.819E-09	3.996E-04	6.292E-02	1.084E-03	6.823E-05	2.778E-03	1.360E+04
2.751E-01	1.187E-02	2.545E-09	4.204E-04	5.541E-02	1.072E-03	5.579E-05	2.612E-03	1.380E+04
2.782E-01	1.295E-02	3.526E-09	4.401E-04	4.884E-02	1.059E-03	4.570E-05	2.449E-03	1.400E+04
2.806E-01	1.403E-02	4.938E-09	4.586E-04	4.310E-02	1.044E-03	3.751E-05	2.287E-03	1.420E+04
2.825E-01	1.525E-02	6.560E-09	4.760E-04	3.809E-02	1.028E-03	3.086E-05	2.152E-03	1.440E+04
2.838E-01	1.646E-02	8.371E-09	4.923E-04	3.372E-02	1.011E-03	2.544E-05	1.983E-03	1.460E+04
2.847E-01	1.771E-02	1.136E-08	5.073E-04	2.989E-02	9.931E-04	2.102E-05	1.841E-03	1.480E+04
2.852E-01	1.900E-02	1.574E-08	5.212E-04	2.654E-02	9.747E-04	1.741E-05	1.703E-03	1.500E+04
2.854E-01	2.034E-02	2.072E-08	5.339E-04	2.361E-02	9.559E-04	1.446E-05	1.582E-03	1.520E+04
2.852E-01	2.171E-02	2.739E-08	5.455E-04	2.104E-02	9.357E-04	1.234E-05	1.463E-03	1.540E+04
2.848E-01	2.312E-02	3.513E-08	5.560E-04	1.878E-02	9.172E-04	1.004E-05	1.353E-03	1.560E+04
2.841E-01	2.457E-02	4.358E-08	5.653E-04	1.679E-02	8.975E-04	8.395E-06	1.250E-03	1.580E+04
2.832E-01	2.605E-02	5.915E-08	5.735E-04	1.504E-02	8.778E-04	7.037E-06	1.154E-03	1.600E+04
2.820E-01	2.757E-02	7.779E-08	5.807E-04	1.349E-02	8.581E-04	5.911E-06	1.055E-03	1.620E+04
2.807E-01	2.911E-02	9.384E-08	5.868E-04	1.212E-02	8.383E-04	4.976E-06	9.820E-04	1.640E+04
2.792E-01	3.065E-02	1.182E-07	5.918E-04	1.091E-02	8.185E-04	4.197E-06	9.053E-04	1.660E+04
2.775E-01	3.229E-02	1.440E-07	5.958E-04	9.830E-03	7.987E-04	3.547E-06	8.342E-04	1.680E+04
2.757E-01	3.391E-02	1.844E-07	5.988E-04	8.872E-03	7.791E-04	3.003E-06	7.685E-04	1.700E+04
2.738E-01	3.554E-02	2.285E-07	6.008E-04	8.017E-03	7.595E-04	2.548E-06	7.077E-04	1.720E+04
2.718E-01	3.723E-02	2.820E-07	6.018E-04	7.255E-03	7.401E-04	2.165E-06	6.514E-04	1.740E+04
2.695E-01	3.892E-02	3.463E-07	6.020E-04	6.573E-03	7.203E-04	1.843E-06	5.995E-04	1.760E+04
2.674E-01	4.062E-02	4.232E-07	6.012E-04	5.962E-03	7.016E-04	1.571E-06	5.515E-04	1.780E+04
2.650E-01	4.233E-02	5.150E-07	5.995E-04	5.413E-03	6.850E-04	1.341E-06	5.072E-04	1.800E+04
2.626E-01	4.405E-02	6.240E-07	5.972E-04	4.921E-03	6.638E-04	1.146E-06	4.664E-04	1.820E+04
2.601E-01	4.577E-02	7.530E-07	5.940E-04	4.477E-03	6.432E-04	9.814E-07	4.287E-04	1.840E+04
2.576E-01	4.752E-02	9.050E-07	5.900E-04	4.078E-03	6.267E-04	8.411E-07	3.939E-04	1.860E+04
2.549E-01	4.926E-02	1.084E-06	5.853E-04	3.717E-03	6.085E-04	7.218E-07	3.619E-04	1.880E+04
2.523E-01	5.100E-02	1.292E-06	5.800E-04	3.391E-03	5.905E-04	6.200E-07	3.324E-04	1.900E+04
2.495E-01	5.274E-02	1.536E-06	5.740E-04	3.095E-03	5.727E-04	5.332E-07	3.052E-04	1.920E+04
2.468E-01	5.447E-02	1.819E-06	5.674E-04	2.828E-03	5.551E-04	4.589E-07	2.801E-04	1.940E+04
2.440E-01	5.620E-02	2.147E-06	5.603E-04	2.585E-03	5.378E-04	3.954E-07	2.571E-04	1.960E+04
2.411E-01	5.792E-02	2.525E-06	5.526E-04	2.365E-03	5.208E-04	3.409E-07	2.359E-04	1.980E+04
2.383E-01	5.963E-02	2.961E-06	5.445E-04	2.165E-03	5.040E-04	2.942E-07	2.163E-04	2.000E+04
2.354E-01	6.132E-02	3.451E-06	5.359E-04	1.982E-03	4.876E-04	2.540E-07	1.984E-04	2.020E+04
2.325E-01	6.301E-02	4.034E-06	5.270E-04	1.814E-03	4.714E-04	2.197E-07	1.819E-04	2.040E+04
2.295E-01	6.467E-02	4.687E-06	5.177E-04	1.656E-03	4.554E-04	1.898E-07	1.667E-04	2.060E+04
2.266E-01	6.632E-02	5.431E-06	5.081E-04	1.526E-03	4.398E-04	1.642E-07	1.528E-04	2.080E+04
2.236E-01	6.795E-02	6.276E-06	4.982E-04	1.400E-03	4.245E-04	1.421E-07	1.400E-04	2.100E+04
2.206E-01	6.956E-02	7.233E-06	4.880E-04	1.285E-03	4.094E-04	1.231E-07	1.282E-04	2.120E+04
2.177E-01	7.115E-02	8.314E-06	4.776E-04	1.179E-03	3.949E-04	1.057E-07	1.174E-04	2.140E+04
2.147E-01	7.271E-02	9.533E-06	4.671E-04	1.083E-03	3.803E-04	9.245E-08	1.075E-04	2.160E+04
2.117E-01	7.426E-02	1.090E-05	4.564E-04	9.944E-04	3.655E-04	8.016E-08	9.844E-05	2.180E+04
2.088E-01	7.577E-02	1.244E-05	4.456E-04	9.134E-04	3.528E-04	6.953E-08	9.011E-05	2.200E+04
2.058E-01	7.725E-02	1.417E-05	4.348E-04	8.292E-04	3.409E-04	6.033E-08	8.247E-05	2.220E+04
2.029E-01	7.873E-02	1.609E-05	4.238E-04	7.712E-04	3.295E-04	5.236E-08	7.547E-05	2.240E+04
1.999E-01	8.017E-02	1.824E-05	4.129E-04	7.088E-04	3.188E-04	4.545E-08	6.906E-05	2.260E+04
1.970E-01	8.158E-02	2.064E-05	4.015E-04	6.516E-04	3.085E-04	3.945E-08	6.318E-05	2.280E+04
1.941E-01	8.297E-02	2.330E-05	3.913E-04	5.990E-04	2.995E-04	3.427E-08	5.780E-05	2.300E+04
1.912E-01	8.433E-02	2.625E-05	3.801E-04	5.508E-04	2.779E-04	2.977E-08	5.287E-05	2.320E+04
1.883E-01	8.565E-02	2.951E-05	3.693E-04	5.064E-04	2.666E-04	2.586E-08	4.836E-05	2.340E+04
1.854E-01	8.696E-02	3.313E-05	3.585E-04	4.657E-04	2.555E-04	2.247E-08	4.423E-05	2.360E+04
1.825E-01	8.823E-02	3.712E-05	3.478E-04	4.283E-04	2.450E-04	1.953E-08	4.045E-05	2.380E+04
1.797E-01	8.948E-02	4.151E-05	3.373E-04	3.939E-04	2.347E-04	1.697E-08	3.699E-05	2.400E+04
1.769E-01	9.070E-02	4.635E-05	3.269E-04	3.623E-04	2.248E-04	1.475E-08	3.383E-05	2.420E+04
1.741E-01	9.190E-02	5.167E-05	3.166E-04	3.332E-04	2.152E-04	1.282E-08	3.094E-05	2.440E+04
1.714E-01	9.307E-02	5.751E-05	3.065E-04	3.065E-04	2.059E-04	1.114E-08	2.829E-05	2.460E+04
1.686E-01	9.421E-02	6.390E-05	2.966E-04	2.820E-04	1.969E-04	9.688E-09	2.587E-05	2.480E+04
1.659E-01	9.532E-02	7.090E-05	2.868E-04	2.594E-04	1.883E-04	8.422E-09	2.366E-05	2.500E+04

Table II. - Continr

P/PO = 2.00E+03

T	E-	0	0+	0+	0-	02	02+	02-
1.000E+02	0.	0.	0.	0.	0.	4.627E-11	1.760E-18	0.
2.000E+02	0.	1.662E-69	0.	0.	0.	4.903E-11	1.760E-18	0.
3.000E+02	0.	7.496E-48	7.478E-82	0.	0.	4.968E-11	1.760E-18	0.
4.000E+02	0.	5.465E-37	1.855E-64	0.	0.	5.079E-11	1.760E-18	0.
5.000E+02	0.	1.853E-30	5.320E-54	0.	0.	5.046E-11	1.760E-18	0.
6.000E+02	5.559E-97	4.269E-26	5.121E-47	0.	0.	4.993E-11	1.760E-18	0.
7.000E+02	2.139E-82	5.424E-23	5.285E-42	0.	7.370E-92	4.555E-11	1.760E-18	5.777E-83
8.000E+02	2.906E-71	1.424E-20	2.516E-38	0.	8.911E-80	6.365E-11	1.760E-18	1.004E-72
9.000E+02	1.082E-61	3.078E-18	6.542E-36	0.	4.967E-69	4.524E-10	1.760E-18	5.778E-63
1.000E+03	9.296E-54	3.094E-16	4.145E-34	0.	4.933E-60	7.739E-09	1.760E-18	1.262E-54
1.100E+03	3.041E-47	1.371E-14	1.222E-32	0.	1.192E-52	6.044E-08	1.760E-18	8.949E-48
1.200E+03	8.318E-42	3.242E-13	2.055E-31	0.	1.697E-46	3.363E-07	1.760E-18	4.581E-42
1.300E+03	3.361E-37	4.718E-12	2.248E-30	0.	2.731E-41	1.424E-06	1.760E-18	3.092E-37
1.400E+03	3.019E-33	4.687E-11	1.753E-29	0.	7.915E-37	4.924E-06	1.760E-18	4.247E-33
1.500E+03	8.137E-30	3.432E-10	1.042E-28	0.	5.822E-33	1.439E-05	1.760E-18	1.632E-29
1.600E+03	8.239E-27	1.960E-09	4.970E-28	0.	1.405E-29	3.671E-05	1.760E-18	2.228E-26
1.700E+03	3.723E-24	9.122E-09	1.976E-27	0.	1.355E-26	8.378E-05	1.760E-18	1.295E-23
1.800E+03	8.568E-22	3.500E-08	6.771E-27	0.	6.063E-24	1.762E-04	1.765E-18	3.703E-21
1.900E+03	8.619E-20	1.217E-07	2.649E-26	0.	1.098E-21	3.350E-04	2.295E-18	4.480E-19
2.000E+03	1.380E-18	3.659E-07	3.602E-25	0.	2.967E-20	6.027E-04	1.157E-17	8.405E-18
2.100E+03	1.021E-17	9.908E-07	6.385E-24	0.	3.501E-19	1.024E-03	8.354E-17	7.123E-17
2.200E+03	5.975E-17	2.450E-06	9.239E-23	9.712E-08	3.114E-18	1.655E-03	5.330E-16	4.606E-16
2.300E+03	2.989E-16	5.598E-06	1.071E-21	7.878E-84	2.272E-17	2.563E-03	2.913E-15	2.590E-15
2.400E+03	1.311E-15	1.193E-05	1.011E-20	3.029E-80	1.400E-16	3.820E-03	1.382E-14	1.237E-14
2.500E+03	5.121E-15	2.393E-05	7.987E-20	6.029E-77	7.451E-16	5.506E-03	5.785E-14	5.200E-14
2.600E+03	1.807E-14	4.546E-05	5.381E-19	6.696E-74	3.481E-15	7.699E-03	2.165E-13	1.951E-13
2.700E+03	5.825E-14	8.227E-05	3.147E-18	4.427E-71	1.448E-14	1.048E-02	7.339E-13	6.618E-13
2.800E+03	1.731E-13	1.426E-04	1.622E-17	1.841E-68	5.430E-14	1.392E-02	2.275E-12	2.050E-12
2.900E+03	4.784E-13	2.375E-04	7.461E-17	5.055E-66	1.855E-13	1.807E-02	6.507E-12	5.853E-12
3.000E+03	1.238E-12	3.820E-04	3.099E-16	9.520E-64	5.827E-13	2.300E-02	1.731E-11	1.552E-11
3.100E+03	3.019E-12	5.950E-04	1.173E-15	1.285E-61	1.696E-12	2.871E-02	4.310E-11	3.850E-11
3.200E+03	6.975E-12	8.997E-04	4.082E-15	1.273E-59	4.606E-12	3.523E-02	1.011E-10	8.981E-11
3.300E+03	1.534E-11	1.324E-03	1.316E-14	9.548E-58	1.174E-11	4.253E-02	2.243E-10	1.981E-10
3.400E+03	3.226E-11	1.902E-03	3.954E-14	5.551E-56	2.826E-11	5.057E-02	4.733E-10	4.151E-10
3.500E+03	6.511E-11	2.670E-03	1.114E-13	2.557E-54	6.448E-11	5.928E-02	9.532E-10	8.294E-10
3.600E+03	1.265E-10	3.670E-03	2.960E-13	9.512E-53	1.401E-10	6.857E-02	1.839E-09	1.586E-09
3.700E+03	2.374E-10	4.948E-03	7.450E-13	2.912E-51	2.910E-10	7.832E-02	3.411E-09	2.913E-09
3.800E+03	4.314E-10	6.550E-03	1.783E-12	7.436E-50	5.797E-10	8.839E-02	6.098E-09	5.152E-09
3.900E+03	7.607E-10	8.526E-03	4.075E-12	1.407E-48	1.111E-09	9.865E-02	1.054E-08	8.795E-09
4.000E+03	1.305E-09	1.092E-02	8.920E-12	2.977E-47	2.053E-07	1.089E-01	1.763E-08	1.453E-08
4.100E+03	2.181E-09	1.380E-02	1.876E-11	4.776E-46	3.670E-09	1.191E-01	2.865E-08	2.329E-08
4.200E+03	3.560E-09	1.718E-02	3.804E-11	6.716E-45	6.358E-09	1.290E-01	4.528E-08	3.626E-08
4.300E+03	5.680E-09	2.113E-02	7.450E-11	8.345E-44	1.070E-08	1.384E-01	6.975E-08	5.497E-08
4.400E+03	8.876E-09	2.567E-02	1.413E-10	9.242E-43	1.751E-08	1.473E-01	1.049E-07	8.127E-08
4.500E+03	1.360E-08	3.084E-02	2.600E-10	9.192E-42	2.794E-08	1.555E-01	1.542E-07	1.173E-07
4.600E+03	2.046E-08	3.666E-02	4.654E-10	8.271E-41	4.351E-08	1.629E-01	2.220E-07	1.657E-07
4.700E+03	3.024E-08	4.315E-02	8.113E-10	6.775E-40	6.626E-08	1.694E-01	3.133E-07	2.291E-07
4.800E+03	4.398E-08	5.032E-02	1.380E-09	5.083E-39	9.878E-08	1.750E-01	4.340E-07	3.106E-07
4.900E+03	6.299E-08	5.816E-02	2.293E-09	3.511E-38	1.443E-07	1.786E-01	5.909E-07	4.133E-07
5.000E+03	8.892E-08	6.666E-02	3.730E-09	2.245E-37	2.070E-07	1.833E-01	7.913E-07	5.405E-07
5.100E+03	1.238E-07	7.582E-02	5.944E-09	1.334E-36	2.915E-07	1.859E-01	1.044E-06	6.953E-07
5.200E+03	1.702E-07	8.560E-02	9.292E-09	7.402E-36	4.038E-07	1.875E-01	1.356E-06	8.805E-07
5.300E+03	2.311E-07	9.597E-02	1.427E-08	3.849E-35	5.505E-07	1.882E-01	1.739E-06	1.099E-06
5.400E+03	3.101E-07	1.069E-01	2.153E-08	1.883E-34	7.393E-07	1.880E-01	2.201E-06	1.352E-06
5.500E+03	4.117E-07	1.183E-01	3.196E-08	8.692E-34	9.789E-07	1.869E-01	2.751E-06	1.642E-06
5.600E+03	5.408E-07	1.302E-01	4.674E-08	3.799E-33	1.279E-06	1.850E-01	3.399E-06	1.969E-06
5.700E+03	7.036E-07	1.424E-01	6.735E-08	1.576E-32	1.649E-06	1.823E-01	4.154E-06	2.333E-06
5.800E+03	9.069E-07	1.550E-01	9.573E-08	6.224E-32	2.102E-06	1.780E-01	5.022E-06	2.734E-06
5.900E+03	1.159E-06	1.679E-01	1.343E-07	2.346E-31	2.649E-06	1.750E-01	6.012E-06	3.171E-06
6.000E+03	1.468E-06	1.809E-01	1.860E-07	8.452E-31	3.302E-06	1.706E-01	7.129E-06	3.640E-06
6.100E+03	1.846E-06	1.941E-01	2.545E-07	2.919E-30	4.074E-06	1.656E-01	8.376E-06	4.138E-06
6.200E+03	2.303E-06	2.073E-01	3.443E-07	9.679E-30	4.979E-06	1.603E-01	9.755E-06	4.664E-06
6.300E+03	2.853E-06	2.205E-01	4.608E-07	3.087E-29	6.029E-06	1.547E-01	1.127E-05	5.211E-06
6.400E+03	3.512E-06	2.336E-01	6.101E-07	9.486E-29	7.239E-06	1.488E-01	1.291E-05	5.777E-06
6.500E+03	4.296E-06	2.466E-01	7.997E-07	2.813E-28	8.621E-06	1.428E-01	1.467E-05	6.356E-06
6.600E+03	5.225E-06	2.594E-01	1.038E-06	8.062E-28	1.019E-05	1.367E-01	1.656E-05	6.944E-06
6.700E+03	6.319E-06	2.719E-01	1.335E-06	2.236E-27	1.196E-05	1.305E-01	1.855E-05	7.538E-06
6.800E+03	7.602E-06	2.841E-01	1.701E-06	6.008E-27	1.394E-05	1.243E-01	2.064E-05	8.133E-06
6.900E+03	9.103E-06	2.960E-01	2.148E-06	1.566E-26	1.615E-05	1.181E-01	2.281E-05	8.725E-06
7.000E+03	1.085E-05	3.075E-01	2.691E-06	3.965E-26	1.861E-05	1.120E-01	2.506E-05	9.311E-06
7.100E+03	1.288E-05	3.186E-01	3.343E-06	9.757E-26	2.131E-05	1.061E-01	2.735E-05	9.889E-06
7.200E+03	1.522E-05	3.293E-01	4.121E-06	2.337E-25	2.429E-05	1.003E-01	2.968E-05	1.044E-05
7.300E+03	1.793E-05	3.395E-01	5.042E-06	5.452E-25	2.756E-05	9.471E-02	3.203E-05	1.101E-05
7.400E+03	2.105E-05	3.492E-01	6.123E-06	1.240E-24	3.113E-05	8.930E-02	3.438E-05	1.155E-05
7.500E+03	2.463E-05	3.585E-01	7.384E-06	2.753E-24	3.502E-05	8.411E-02	3.672E-05	1.208E-05
7.600E+03	2.873E-05	3.673E-01	8.845E-06	5.969E-24	3.926E-05	7.914E-02	3.902E-05	1.260E-05
7.700E+03	3.341E-05	3.757E-01	1.052E-05	1.265E-23	4.385E-05	7.441E-02	4.127E-05	1.310E-05
7.800E+03	3.876E-05	3.836E-01	1.245E-05	2.624E-23	4.882E-05	6.991E-02	4.346E-05	1.359E-05
7.900E+03	4.484E-05	3.911E-01	1.463E-05	5.327E-23	5.419E-05	6.566E-02	4.558E-05	1.406E-05
8.000E+03	5.176E-05	3.981E-01	1.709E-05	1.060E-22	5.999E-05	6.184E-02	4.761E-05	1.453E-05
8.200E+03	6.849E-05	4.110E-01	2.297E-05	3.958E-22	7.296E-05	5.429E-02	5.140E-05	1.543E-05

Table II. - Continued.

P/P0 = 2.00E+03

C	C+	C++	C-	C1	C0+	C02	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.421E-54	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	5.554E-42	5.566E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	1.170E-29	1.287E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	2.998E-22	2.932E-49	1.000E+00	0.	5.000E+02
1.933E-82	1.958E-83	0.	0.	2.508E-17	5.132E-41	1.000E+00	0.	6.000E+02
1.462E-68	1.810E-70	0.	0.	9.184E-14	4.536E-35	1.000E+00	0.	7.000E+02
2.526E-58	4.327E-61	0.	0.	3.418E-11	7.101E-31	1.000E+00	3.943E-80	8.000E+02
2.950E-51	1.375E-55	0.	0.	1.209E-09	5.836E-29	1.000E+00	2.639E-70	9.000E+02
7.234E-46	1.025E-51	0.	0.	1.538E-06	7.909E-28	1.000E+00	5.614E-62	1.000E+03
1.803E-41	1.421E-48	0.	1.592E-80	1.208E-07	6.344E-27	1.000E+00	5.236E-57	1.100E+03
8.217E-38	5.903E-46	0.	5.353E-72	6.704E-07	3.584E-26	1.000E+00	4.485E-52	1.200E+03
1.050E-34	9.744E-44	0.	8.777E-63	2.832E-05	1.552E-25	1.000E+00	7.343E-48	1.300E+03
4.790E-32	7.789E-42	0.	1.340E-58	9.848E-06	5.450E-25	1.000E+00	3.164E-44	1.400E+03
9.670E-30	3.482E-40	2.354E-93	5.063E-53	2.878E-05	1.520E-24	1.000E+00	4.220E-41	1.500E+03
1.097E-27	9.714E-39	1.091E-91	1.497E-48	7.343E-05	4.232E-24	9.999E-01	2.290E-38	1.600E+03
6.074E-26	1.826E-37	1.743E-88	2.052E-44	1.576E-04	9.723E-24	9.997E-01	5.921E-36	1.700E+03
2.326E-24	2.517E-36	1.241E-85	9.725E-41	3.485E-04	2.065E-23	9.995E-01	8.272E-34	1.800E+03
6.072E-23	3.392E-35	7.471E-82	1.456E-37	6.701E-04	5.248E-23	9.990E-01	6.857E-32	1.900E+03
1.145E-21	1.417E-33	3.772E-79	2.634E-35	1.206E-03	4.333E-22	9.982E-01	3.664E-30	2.000E+03
1.632E-20	6.913E-32	2.365E-75	1.737E-33	2.049E-03	6.030E-21	9.969E-01	1.339E-28	2.100E+03
1.828E-19	2.511E-30	7.524E-72	7.391E-32	3.313E-03	6.322E-20	9.950E-01	3.527E-27	2.200E+03
1.660E-18	6.730E-29	1.207E-68	2.252E-30	5.132E-03	5.441E-19	9.923E-01	6.991E-26	2.300E+03
1.253E-17	1.374E-27	1.050E-65	5.149E-29	7.653E-03	3.916E-18	9.885E-01	1.080E-24	2.400E+03
8.067E-17	2.207E-26	5.535E-63	9.155E-28	1.104E-02	2.406E-17	9.834E-01	1.339E-23	2.500E+03
4.494E-16	2.855E-25	1.681E-60	1.303E-26	1.544E-02	1.279E-16	9.768E-01	1.368E-22	2.600E+03
2.204E-15	3.073E-24	3.403E-58	1.522E-25	2.104E-02	6.048E-16	9.684E-01	1.175E-21	2.700E+03
9.647E-15	2.786E-23	4.881E-56	1.490E-24	2.798E-02	2.346E-15	9.580E-01	8.650E-21	2.800E+03
3.812E-14	2.176E-22	4.896E-54	1.244E-23	3.638E-02	9.651E-15	9.452E-01	5.541E-20	2.900E+03
1.574E-13	1.479E-21	3.615E-52	9.010E-23	4.528E-02	3.369E-14	9.332E-01	3.131E-19	3.000E+03
4.553E-13	8.881E-21	2.023E-50	5.732E-22	5.802E-02	1.078E-13	9.127E-01	1.580E-18	3.100E+03
1.400E-12	4.768E-20	8.749E-49	3.243E-21	7.136E-02	3.200E-13	8.923E-01	7.192E-18	3.200E+03
4.015E-12	2.311E-19	3.056E-47	1.649E-20	8.639E-02	8.872E-13	8.698E-01	2.940E-17	3.300E+03
1.082E-11	1.021E-18	8.603E-46	7.606E-20	1.030E-01	2.300E-12	8.445E-01	1.133E-16	3.400E+03
2.750E-11	4.140E-18	1.995E-44	3.208E-19	1.212E-01	5.679E-12	8.163E-01	3.984E-16	3.500E+03
6.633E-11	1.553E-17	3.917E-43	1.247E-19	1.478E-01	1.324E-11	7.870E-01	1.303E-15	3.600E+03
1.524E-10	5.421E-17	6.525E-42	4.493E-18	1.616E-01	2.940E-11	7.552E-01	3.985E-15	3.700E+03
3.346E-10	1.771E-16	9.375E-41	1.510E-17	1.833E-01	6.242E-11	7.217E-01	1.147E-14	3.800E+03
7.049E-10	5.420E-16	1.177E-39	4.759E-17	2.058E-01	1.271E-10	6.870E-01	3.117E-14	3.900E+03
1.429E-09	1.582E-15	1.302E-38	1.413E-16	2.288E-01	2.489E-10	6.513E-01	8.038E-14	4.000E+03
2.796E-09	4.500E-15	1.281E-37	3.973E-16	2.520E-01	4.703E-10	6.151E-01	1.975E-13	4.100E+03
5.293E-09	1.145E-14	1.132E-36	1.059E-15	2.751E-01	8.596E-10	5.737E-01	4.626E-13	4.200E+03
9.716E-09	2.875E-14	9.048E-36	2.695E-15	2.980E-01	1.323E-09	5.425E-01	1.044E-12	4.300E+03
1.733E-08	6.523E-14	5.587E-35	6.558E-15	3.202E-01	2.625E-09	5.068E-01	2.261E-12	4.400E+03
3.011E-08	1.603E-13	4.295E-34	1.531E-14	3.418E-01	4.396E-09	4.714E-01	4.721E-12	4.500E+03
5.104E-08	3.581E-13	2.704E-33	3.437E-14	3.624E-01	7.188E-09	4.380E-01	9.535E-12	4.600E+03
8.452E-08	7.733E-13	1.543E-32	7.442E-14	3.820E-01	1.148E-08	4.055E-01	1.866E-11	4.700E+03
1.370E-07	1.518E-12	8.176E-32	1.558E-13	4.003E-01	1.795E-08	3.744E-01	3.546E-11	4.800E+03
2.177E-07	3.286E-12	4.075E-31	3.158E-13	4.174E-01	2.749E-08	3.443E-01	6.559E-11	4.900E+03
3.394E-07	5.493E-12	1.704E-30	5.215E-13	4.322E-01	4.133E-08	3.169E-01	1.183E-10	5.000E+03
5.199E-07	1.253E-11	8.394E-30	1.190E-12	4.476E-01	6.106E-08	2.907E-01	2.084E-10	5.100E+03
7.837E-07	2.350E-11	3.502E-29	2.218E-12	4.607E-01	8.972E-08	2.652E-01	3.592E-10	5.200E+03
1.163E-06	4.314E-11	1.348E-28	4.036E-12	4.724E-01	1.270E-07	2.434E-01	6.065E-10	5.300E+03
1.702E-06	7.768E-11	5.241E-28	7.175E-12	4.829E-01	1.791E-07	2.222E-01	1.005E-09	5.400E+03
2.457E-06	1.370E-10	1.893E-27	1.248E-11	4.921E-01	2.492E-07	2.027E-01	1.636E-09	5.500E+03
3.502E-06	2.379E-10	6.527E-27	2.127E-11	5.001E-01	3.425E-07	1.847E-01	2.619E-09	5.600E+03
4.934E-06	4.047E-10	2.163E-26	3.557E-11	5.071E-01	4.652E-07	1.681E-01	4.130E-09	5.700E+03
6.876E-06	6.770E-10	6.902E-26	5.841E-11	5.130E-01	6.248E-07	1.530E-01	5.419E-09	5.800E+03
9.481E-06	1.115E-09	2.122E-25	9.431E-11	5.179E-01	8.305E-07	1.391E-01	9.844E-09	5.900E+03
1.295E-05	1.809E-09	6.201E-25	1.499E-10	5.220E-01	1.093E-06	1.265E-01	1.491E-08	6.000E+03
1.752E-05	2.893E-09	1.810E-24	2.346E-10	5.253E-01	1.425E-06	1.149E-01	2.232E-08	6.100E+03
2.350E-05	4.567E-09	5.039E-24	3.616E-10	5.279E-01	1.842E-06	1.044E-01	3.305E-08	6.200E+03
3.127E-05	7.118E-09	1.361E-23	5.508E-10	5.299E-01	2.360E-06	9.491E-02	4.844E-08	6.300E+03
4.130E-05	1.095E-08	3.571E-23	8.293E-10	5.312E-01	3.000E-06	8.624E-02	7.032E-08	6.400E+03
5.414E-05	1.568E-08	9.117E-23	1.233E-09	5.321E-01	3.785E-06	7.838E-02	1.012E-07	6.500E+03
7.048E-05	2.510E-08	2.267E-22	1.812E-09	5.326E-01	4.741E-06	7.126E-02	1.443E-07	6.600E+03
9.117E-05	3.738E-08	5.494E-22	2.637E-09	5.327E-01	5.897E-06	6.480E-02	2.042E-07	6.700E+03
1.172E-04	5.510E-08	1.300E-21	3.790E-09	5.325E-01	7.265E-06	5.896E-02	2.869E-07	6.800E+03
1.498E-04	8.042E-08	3.032E-21	5.421E-09	5.320E-01	8.943E-06	5.397E-02	4.001E-07	6.900E+03
1.904E-04	1.163E-07	6.779E-21	7.671E-09	5.313E-01	1.091E-05	4.888E-02	5.541E-07	7.000E+03
2.407E-04	1.665E-07	1.498E-20	1.077E-08	5.304E-01	1.323E-05	4.455E-02	7.525E-07	7.100E+03
3.025E-04	2.363E-07	3.238E-20	1.499E-08	5.294E-01	1.595E-05	4.063E-02	1.043E-06	7.200E+03
3.787E-04	3.326E-07	6.854E-20	2.072E-08	5.282E-01	1.912E-05	3.707E-02	1.417E-06	7.300E+03
4.717E-04	4.540E-07	1.424E-19	2.844E-08	5.270E-01	2.279E-05	3.388E-02	1.916E-06	7.400E+03
5.848E-04	6.471E-07	2.899E-19	3.878E-08	5.257E-01	2.703E-05	3.098E-02	2.574E-06	7.500E+03
7.218E-04	8.813E-07	5.793E-19	5.253E-08	5.243E-01	3.189E-05	2.835E-02	3.440E-06	7.600E+03
8.870E-04	1.200E-06	1.136E-18	7.074E-08	5.229E-01	3.743E-05	2.597E-02	4.573E-06	7.700E+03
1.085E-03	1.622E-06	2.190E-18	9.470E-08	5.214E-01	4.373E-05	2.381E-02	6.046E-06	7.800E+03
1.323E-03	2.176E-06	4.149E-18	1.261E-07	5.199E-01	5.084E-05	2.185E-02	7.953E-06	7.900E+03
1.606E-03	2.898E-06	7.727E-18	1.659E-07	5.183E-01	5.884E-05	2.008E-02	1.041E-05	8.000E+03
2.337E-03	5.030E-06	2.554E-17	2.879E-07	5.150E-01	7.776E-05	1.700E-02	1.755E-05	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	8.985E-05	4.225E-01	3.024E-05	1.375E-21	8.794E-05	4.783E-02	5.479E-05	1.630E-05
8.600E+03	1.169E-04	4.327E-01	3.910E-05	4.469E-21	1.052E-04	4.218E-02	5.778E-05	1.714E-05
8.800E+03	1.511E-04	4.419E-01	4.9.3E-05	1.366E-20	1.249E-04	3.727E-02	6.038E-05	1.798E-05
9.000E+03	1.937E-04	4.502E-01	6.233E-05	3.943E-20	1.474E-04	3.382E-02	6.264E-05	1.882E-05
9.200E+03	2.446E-04	4.579E-01	7.711E-05	1.081E-19	1.729E-04	2.936E-02	6.462E-05	1.967E-05
9.400E+03	3.119E-04	4.652E-01	9.431E-05	2.825E-19	2.018E-04	2.621E-02	6.639E-05	2.055E-05
9.600E+03	3.916E-04	4.723E-01	1.142E-04	7.068E-19	2.344E-04	2.350E-02	6.802E-05	2.14E-05
9.800E+03	4.882E-04	4.794E-01	1.372E-04	1.703E-18	2.710E-04	2.117E-02	6.960E-05	2.24E-05
1.000E+04	6.044E-04	4.865E-01	1.635E-04	3.945E-18	3.119E-04	1.918E-02	7.120E-05	2.338E-05
1.020E+04	7.429E-04	4.940E-01	1.934E-04	8.861E-18	3.572E-04	1.747E-02	7.289E-05	2.441E-05
1.040E+04	9.063E-04	5.017E-01	2.285E-04	1.933E-17	4.072E-04	1.569E-02	7.475E-05	2.547E-05
1.060E+04	1.098E-03	5.097E-01	2.683E-04	4.103E-17	4.618E-04	1.472E-02	7.681E-05	2.656E-05
1.080E+04	1.319E-03	5.179E-01	3.139E-04	8.502E-17	5.212E-04	1.361E-02	7.911E-05	2.766E-05
1.100E+04	1.574E-03	5.265E-01	3.661E-04	1.72E-16	5.851E-04	1.244E-02	8.167E-05	2.875E-05
1.120E+04	1.864E-03	5.351E-01	4.258E-04	3.417E-16	6.531E-04	1.178E-02	8.450E-05	2.982E-05
1.140E+04	2.192E-03	5.438E-01	4.939E-04	6.748E-16	7.270E-04	1.101E-02	8.758E-05	3.085E-05
1.160E+04	2.559E-03	5.525E-01	5.714E-04	1.270E-15	8.001E-04	1.032E-02	9.090E-05	3.180E-05
1.180E+04	2.969E-03	5.609E-01	6.593E-04	2.387E-15	8.784E-04	9.695E-03	9.444E-05	3.267E-05
1.200E+04	3.422E-03	5.689E-01	7.586E-04	4.35E-15	9.547E-04	9.128E-03	9.817E-05	3.343E-05
1.220E+04	3.920E-03	5.766E-01	8.705E-04	7.971E-15	1.041E-03	8.583E-03	1.021E-04	3.408E-05
1.240E+04	4.463E-03	5.838E-01	9.961E-04	1.424E-14	1.124E-03	8.086E-03	1.061E-04	3.460E-05
1.260E+04	5.059E-03	5.904E-01	1.136E-03	2.504E-14	1.207E-03	7.620E-03	1.102E-04	3.499E-05
1.280E+04	5.703E-03	5.965E-01	1.293E-03	4.339E-14	1.291E-03	7.183E-03	1.144E-04	3.525E-05
1.300E+04	6.399E-03	6.020E-01	1.467E-03	7.411E-14	1.374E-03	6.772E-03	1.186E-04	3.538E-05
1.320E+04	7.148E-03	6.069E-01	1.659E-03	1.248E-13	1.456E-03	6.386E-03	1.229E-04	3.539E-05
1.340E+04	7.951E-03	6.112E-01	1.871E-03	2.074E-13	1.57E-03	6.022E-03	1.272E-04	3.529E-05
1.360E+04	8.811E-03	6.150E-01	2.104E-03	3.402E-13	1.616E-03	5.679E-03	1.316E-04	3.509E-05
1.380E+04	9.728E-03	6.182E-01	2.360E-03	5.508E-13	1.694E-03	5.357E-03	1.359E-04	3.479E-05
1.400E+04	1.070E-02	6.210E-01	2.639E-03	8.811E-13	1.769E-03	5.054E-03	1.402E-04	3.441E-05
1.420E+04	1.174E-02	6.232E-01	2.944E-03	1.393E-12	1.843E-03	4.769E-03	1.445E-04	3.376E-05
1.440E+04	1.284E-02	6.251E-01	3.276E-03	2.176E-12	1.914E-03	4.501E-03	1.488E-04	3.345E-05
1.460E+04	1.400E-02	6.266E-01	3.63E-03	3.363E-12	1.984E-03	4.250E-03	1.530E-04	3.289E-05
1.480E+04	1.523E-02	6.277E-01	4.026E-03	5.142E-12	2.051E-03	4.014E-03	1.573E-04	3.228E-05
1.500E+04	1.652E-02	6.284E-01	4.448E-03	7.7E-12	2.115E-03	3.793E-03	1.614E-04	3.164E-05
1.520E+04	1.788E-02	6.289E-01	4.903E-03	1.166E-11	2.177E-03	3.586E-03	1.656E-04	3.097E-05
1.540E+04	1.930E-02	6.291E-01	5.392E-03	1.730E-11	2.237E-03	3.391E-03	1.697E-04	3.027E-05
1.560E+04	2.080E-02	6.290E-01	5.917E-03	2.543E-11	2.294E-03	3.209E-03	1.738E-04	2.954E-05
1.580E+04	2.236E-02	6.287E-01	6.480E-03	3.704E-11	2.348E-03	3.037E-03	1.780E-04	2.884E-05
1.600E+04	2.400E-02	6.281E-01	7.083E-03	5.349E-11	2.400E-03	2.876E-03	1.818E-04	2.810E-05
1.620E+04	2.570E-02	6.274E-01	7.727E-03	7.660E-11	2.450E-03	2.725E-03	1.858E-04	2.736E-05
1.640E+04	2.748E-02	6.264E-01	8.413E-03	1.088E-10	2.496E-03	2.583E-03	1.896E-04	2.662E-05
1.660E+04	2.933E-02	6.253E-01	9.144E-03	1.533E-10	2.541E-03	2.449E-03	1.936E-04	2.588E-05
1.680E+04	3.125E-02	6.239E-01	9.920E-03	2.145E-10	2.582E-03	2.323E-03	1.972E-04	2.514E-05
1.700E+04	3.324E-02	6.225E-01	1.074E-02	2.978E-10	2.621E-03	2.205E-03	2.008E-04	2.440E-05
1.720E+04	3.531E-02	6.208E-01	1.162E-02	4.105E-10	2.657E-03	2.093E-03	2.044E-04	2.367E-05
1.740E+04	3.745E-02	6.190E-01	1.254E-02	5.620E-10	2.691E-03	1.988E-03	2.079E-04	2.294E-05
1.760E+04	3.966E-02	6.170E-01	1.351E-02	7.643E-10	2.722E-03	1.888E-03	2.113E-04	2.222E-05
1.780E+04	4.194E-02	6.149E-01	1.454E-02	1.033E-09	2.750E-03	1.784E-03	2.146E-04	2.151E-05
1.800E+04	4.430E-02	6.127E-01	1.562E-02	1.387E-09	2.776E-03	1.705E-03	2.178E-04	2.082E-05
1.820E+04	4.673E-02	6.103E-01	1.676E-02	1.851E-09	2.799E-03	1.621E-03	2.209E-04	2.013E-05
1.840E+04	4.923E-02	6.078E-01	1.796E-02	2.455E-09	2.819E-03	1.542E-03	2.239E-04	1.945E-05
1.860E+04	5.180E-02	6.051E-01	1.921E-02	3.239E-09	2.837E-03	1.466E-03	2.267E-04	1.878E-05
1.880E+04	5.445E-02	6.023E-01	2.052E-02	4.250E-09	2.852E-03	1.395E-03	2.294E-04	1.812E-05
1.900E+04	5.716E-02	5.994E-01	2.189E-02	5.545E-09	2.864E-03	1.327E-03	2.320E-04	1.748E-05
1.920E+04	5.994E-02	5.964E-01	2.332E-02	7.198E-09	2.874E-03	1.262E-03	2.344E-04	1.685E-05
1.940E+04	6.279E-02	5.932E-01	2.482E-02	9.296E-09	2.881E-03	1.201E-03	2.367E-04	1.623E-05
1.960E+04	6.570E-02	5.899E-01	2.637E-02	1.195E-08	2.886E-03	1.143E-03	2.388E-04	1.562E-05
1.980E+04	6.868E-02	5.865E-01	2.799E-02	1.528E-08	2.888E-03	1.088E-03	2.408E-04	1.503E-05
2.000E+04	7.173E-02	5.830E-01	2.967E-02	1.945E-08	2.888E-03	1.035E-03	2.425E-04	1.445E-05
2.020E+04	7.484E-02	5.794E-01	3.142E-02	2.465E-08	2.886E-03	9.847E-04	2.442E-04	1.389E-05
2.040E+04	7.801E-02	5.756E-01	3.322E-02	3.110E-08	2.881E-03	9.370E-04	2.456E-04	1.333E-05
2.060E+04	8.124E-02	5.717E-01	3.509E-02	3.906E-08	2.873E-03	8.915E-04	2.469E-04	1.280E-05
2.080E+04	8.453E-02	5.678E-01	3.703E-02	4.887E-08	2.864E-03	8.481E-04	2.479E-04	1.227E-05
2.100E+04	8.788E-02	5.637E-01	3.902E-02	6.088E-08	2.852E-03	8.067E-04	2.488E-04	1.176E-05
2.120E+04	9.129E-02	5.595E-01	4.108E-02	7.555E-08	2.838E-03	7.673E-04	2.495E-04	1.126E-05
2.140E+04	9.475E-02	5.552E-01	4.320E-02	9.338E-08	2.822E-03	7.297E-04	2.500E-04	1.078E-05
2.160E+04	9.826E-02	5.508E-01	4.538E-02	1.150E-07	2.804E-03	6.938E-04	2.503E-04	1.031E-05
2.180E+04	1.018E-01	5.463E-01	4.763E-02	1.411E-07	2.784E-03	6.596E-04	2.504E-04	9.857E-06
2.200E+04	1.054E-01	5.417E-01	4.993E-02	1.725E-07	2.762E-03	6.269E-04	2.503E-04	9.416E-06
2.220E+04	1.091E-01	5.370E-01	5.229E-02	2.101E-07	2.738E-03	5.957E-04	2.501E-04	8.988E-06
2.240E+04	1.128E-01	5.323E-01	5.471E-02	2.551E-07	2.712E-03	5.659E-04	2.496E-04	8.574E-06
2.260E+04	1.165E-01	5.274E-01	5.718E-02	3.087E-07	2.685E-03	5.375E-04	2.489E-04	8.173E-06
2.280E+04	1.203E-01	5.224E-01	5.971E-02	3.723E-07	2.656E-03	5.104E-04	2.480E-04	7.786E-06
2.300E+04	1.242E-01	5.174E-01	6.229E-02	4.476E-07	2.626E-03	4.845E-04	2.470E-04	7.412E-06
2.320E+04	1.280E-01	5.123E-01	6.492E-02	5.364E-07	2.594E-03	4.588E-04	2.457E-04	7.052E-06
2.340E+04	1.319E-01	5.071E-01	6.760E-02	6.410E-07	2.561E-03	4.362E-04	2.443E-04	6.704E-06
2.360E+04	1.359E-01	5.019E-01	7.032E-02	7.636E-07	2.526E-03	4.137E-04	2.427E-04	6.369E-06
2.380E+04	1.398E-01	4.966E-01	7.310E-02	9.071E-07	2.491E-03	3.922E-04	2.409E-04	6.047E-06
2.400E+04	1.438E-01	4.912E-01	7.591E-02	1.075E-06	2.454E-03	3.718E-04	2.390E-04	5.737E-06
2.420E+04	1.478E-01	4.857E-01	7.877E-02	1.269E-06	2.416E-03	3.523E-04	2.369E-04	5.439E-06
2.440E+04	1.519E-01	4.802E-01	8.167E-02	1.495E-06	2.377E-03	3.337E-04	2.346E-04	5.153E-06
2.460E+04	1.559E-01	4.747E-01	8.460E-02	1.757E-06	2.338E-03	3.160E-04	2.322E-04	4.879E-06
2.480E+04	1.600E-01	4.691E-01	8.757E-02	2.059E-06	2.297E-03	2.991E-04	2.296E-04	4.616E-06
2.500E+04	1.641E-01	4.634E-01	9.056E-02	2.408E-06	2.256E-03	2.830E-04	2.269E-04	4.365E-06

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
3.351E-03	8.496E-05	7.941E-17	4.866E-07	5.115E-01	1.010E-04	1.445E-02	2.899E-03	8.400E+03
4.731E-03	1.398E-05	2.330E-16	8.063E-07	5.075E-01	1.272E-04	1.233E-02	4.592E-05	8.600E+03
6.579E-03	2.242E-05	6.473E-16	1.311E-06	5.031E-01	1.627E-04	1.056E-02	7.436E-05	8.800E+03
9.014E-03	3.511E-05	1.733E-15	2.089E-06	4.978E-01	2.019E-04	9.081E-03	1.153E-04	9.000E+03
1.216E-02	5.369E-05	4.292E-15	3.267E-06	4.917E-01	2.471E-04	7.829E-03	1.749E-04	9.200E+03
1.617E-02	8.025E-05	1.030E-14	5.009E-06	4.843E-01	2.983E-04	6.766E-03	2.592E-04	9.400E+03
2.115E-02	1.173E-04	2.366E-14	7.529E-05	4.755E-01	3.554E-04	5.859E-03	3.749E-04	9.600E+03
2.725E-02	1.678E-04	5.216E-14	1.109E-05	4.650E-01	4.182E-04	5.079E-03	5.288E-04	9.800E+03
3.453E-02	2.350E-04	1.105E-13	1.599E-05	4.527E-01	4.859E-04	4.406E-03	7.267E-04	1.000E+04
4.307E-02	3.225E-04	2.260E-13	2.257E-05	4.394E-01	5.579E-04	3.821E-03	9.724E-04	1.020E+04
5.283E-02	4.340E-04	4.450E-13	3.118E-05	4.222E-01	6.330E-04	3.311E-03	1.266E-03	1.040E+04
6.378E-02	5.729E-04	8.523E-13	4.215E-05	4.041E-01	7.101E-04	2.865E-03	1.604E-03	1.060E+04
7.578E-02	7.429E-04	1.580E-12	5.575E-05	3.844E-01	7.980E-04	2.43E-03	1.978E-03	1.080E+04
8.865E-02	9.469E-04	2.846E-12	7.223E-05	3.632E-01	8.654E-04	2.130E-03	2.376E-03	1.100E+04
1.022E-01	1.188E-03	4.993E-12	9.167E-05	3.410E-01	9.408E-04	1.828E-03	2.782E-03	1.120E+04
1.162E-01	1.467E-03	8.545E-12	1.141E-04	3.181E-01	1.013E-03	1.564E-03	3.180E-03	1.140E+04
1.303E-01	1.788E-03	1.429E-11	1.393E-04	2.950E-01	1.081E-03	1.333E-03	3.552E-03	1.160E+04
1.444E-01	2.150E-03	2.339E-11	1.672E-04	2.720E-01	1.144E-03	1.133E-03	3.888E-03	1.180E+04
1.582E-01	2.554E-03	3.752E-11	1.975E-04	2.494E-01	1.201E-03	9.592E-04	4.174E-03	1.200E+04
1.715E-01	3.001E-03	5.907E-11	2.297E-04	2.276E-01	1.251E-03	8.095E-04	4.402E-03	1.220E+04
1.842E-01	3.490E-03	9.138E-11	2.635E-04	2.069E-01	1.295E-03	6.812E-04	4.569E-03	1.240E+04
1.962E-01	4.021E-03	1.591E-10	2.984E-04	1.873E-01	1.332E-03	5.718E-04	4.675E-03	1.260E+04
2.073E-01	4.594E-03	2.084E-10	3.340E-04	1.691E-01	1.362E-03	4.789E-04	4.723E-03	1.280E+04
2.175E-01	5.207E-03	3.078E-10	3.700E-04	1.522E-01	1.385E-03	4.004E-04	4.718E-03	1.300E+04
2.269E-01	5.860E-03	4.485E-10	4.059E-04	1.368E-01	1.403E-03	3.344E-04	4.666E-03	1.320E+04
2.353E-01	6.552E-03	6.452E-10	4.414E-04	1.227E-01	1.414E-03	2.790E-04	4.574E-03	1.340E+04
2.429E-01	7.282E-03	9.171E-10	4.763E-04	1.099E-01	1.421E-03	2.327E-04	4.449E-03	1.360E+04
2.496E-01	8.049E-03	1.289E-09	5.103E-04	9.842E-02	1.423E-03	1.940E-04	4.299E-03	1.380E+04
2.555E-01	8.851E-03	1.792E-09	5.433E-04	8.809E-02	1.421E-03	1.619E-04	4.130E-03	1.400E+04
2.607E-01	9.690E-03	2.467E-09	5.750E-04	7.885E-02	1.415E-03	1.351E-04	3.947E-03	1.420E+04
2.651E-01	1.055E-02	3.364E-09	6.054E-04	7.000E-02	1.406E-03	1.129E-04	3.757E-03	1.440E+04
2.690E-01	1.147E-02	4.346E-09	6.344E-04	6.324E-02	1.394E-03	9.444E-05	3.562E-03	1.460E+04
2.722E-01	1.241E-02	6.090E-09	6.619E-04	5.670E-02	1.380E-03	7.910E-05	3.367E-03	1.480E+04
2.750E-01	1.338E-02	8.093E-09	6.878E-04	5.087E-02	1.364E-03	6.636E-05	3.173E-03	1.500E+04
2.772E-01	1.438E-02	1.067E-08	7.122E-04	4.569E-02	1.347E-03	5.376E-05	2.984E-03	1.520E+04
2.790E-01	1.542E-02	1.396E-08	7.350E-04	4.109E-02	1.328E-03	4.693E-05	2.800E-03	1.540E+04
2.804E-01	1.648E-02	1.813E-08	7.562E-04	3.699E-02	1.308E-03	3.957E-05	2.622E-03	1.560E+04
2.814E-01	1.757E-02	2.342E-08	7.758E-04	3.324E-02	1.287E-03	3.342E-05	2.453E-03	1.580E+04
2.821E-01	1.869E-02	3.003E-08	7.938E-04	3.009E-02	1.265E-03	2.829E-05	2.291E-03	1.600E+04
2.826E-01	1.983E-02	3.828E-08	8.102E-04	2.720E-02	1.242E-03	2.398E-05	2.138E-03	1.620E+04
2.827E-01	2.100E-02	4.849E-08	8.251E-04	2.461E-02	1.219E-03	2.037E-05	1.992E-03	1.640E+04
2.826E-01	2.220E-02	6.108E-08	8.384E-04	2.230E-02	1.196E-03	1.733E-05	1.856E-03	1.660E+04
2.823E-01	2.342E-02	7.652E-08	8.502E-04	2.024E-02	1.172E-03	1.477E-05	1.727E-03	1.680E+04
2.818E-01	2.465E-02	9.336E-08	8.605E-04	1.838E-02	1.148E-03	1.262E-05	1.606E-03	1.700E+04
2.812E-01	2.591E-02	1.182E-07	8.693E-04	1.672E-02	1.124E-03	1.079E-05	1.492E-03	1.720E+04
2.803E-01	2.719E-02	1.459E-07	8.767E-04	1.523E-02	1.100E-03	9.248E-06	1.386E-03	1.740E+04
2.793E-01	2.849E-02	1.791E-07	8.827E-04	1.388E-02	1.076E-03	7.937E-06	1.287E-03	1.760E+04
2.782E-01	2.980E-02	2.189E-07	8.873E-04	1.267E-02	1.052E-03	6.823E-06	1.194E-03	1.780E+04
2.769E-01	3.112E-02	2.664E-07	8.906E-04	1.158E-02	1.027E-03	5.873E-06	1.108E-03	1.800E+04
2.755E-01	3.246E-02	3.228E-07	8.926E-04	1.059E-02	1.003E-03	5.063E-06	1.027E-03	1.820E+04
2.741E-01	3.380E-02	3.896E-07	8.933E-04	9.700E-03	9.793E-04	4.371E-06	9.521E-04	1.840E+04
2.725E-01	3.516E-02	4.682E-07	8.929E-04	8.891E-03	9.555E-04	3.779E-06	8.822E-04	1.860E+04
2.709E-01	3.652E-02	5.606E-07	8.913E-04	8.156E-03	9.317E-04	3.271E-06	8.172E-04	1.880E+04
2.692E-01	3.789E-02	6.687E-07	8.886E-04	7.489E-03	9.082E-04	2.835E-06	7.568E-04	1.900E+04
2.674E-01	3.927E-02	7.948E-07	8.849E-04	6.881E-03	8.848E-04	2.459E-06	7.006E-04	1.920E+04
2.655E-01	4.065E-02	9.414E-07	8.801E-04	6.328E-03	8.616E-04	2.136E-06	6.484E-04	1.940E+04
2.636E-01	4.202E-02	1.111E-06	8.744E-04	5.824E-03	8.387E-04	1.857E-06	6.000E-04	1.960E+04
2.616E-01	4.340E-02	1.307E-06	8.677E-04	5.364E-03	8.160E-04	1.617E-06	5.551E-04	1.980E+04
2.595E-01	4.478E-02	1.533E-06	8.603E-04	4.943E-03	7.936E-04	1.408E-06	5.134E-04	2.000E+04
2.574E-01	4.615E-02	1.792E-06	8.520E-04	4.558E-03	7.714E-04	1.228E-06	4.747E-04	2.020E+04
2.553E-01	4.752E-02	2.089E-06	8.430E-04	4.205E-03	7.495E-04	1.072E-06	4.389E-04	2.040E+04
2.532E-01	4.889E-02	2.428E-06	8.332E-04	3.882E-03	7.280E-04	9.360E-07	4.057E-04	2.060E+04
2.510E-01	5.024E-02	2.814E-06	8.228E-04	3.586E-03	7.057E-04	8.182E-07	3.749E-04	2.080E+04
2.487E-01	5.159E-02	3.252E-06	8.119E-04	3.313E-03	6.857E-04	7.157E-07	3.464E-04	2.100E+04
2.465E-01	5.293E-02	3.749E-06	8.004E-04	3.063E-03	6.651E-04	6.264E-07	3.200E-04	2.120E+04
2.442E-01	5.426E-02	4.310E-06	7.883E-04	2.833E-03	6.448E-04	5.487E-07	2.956E-04	2.140E+04
2.419E-01	5.558E-02	4.943E-06	7.759E-04	2.621E-03	6.249E-04	4.809E-07	2.730E-04	2.160E+04
2.396E-01	5.688E-02	5.655E-06	7.630E-04	2.426E-03	6.053E-04	4.217E-07	2.521E-04	2.180E+04
2.373E-01	5.818E-02	6.454E-06	7.498E-04	2.246E-03	5.861E-04	3.700E-07	2.328E-04	2.200E+04
2.349E-01	5.946E-02	7.349E-06	7.362E-04	2.080E-03	5.673E-04	3.248E-07	2.149E-04	2.220E+04
2.326E-01	6.072E-02	8.350E-06	7.224E-04	1.927E-03	5.489E-04	2.852E-07	1.984E-04	2.240E+04
2.302E-01	6.197E-02	9.466E-06	7.083E-04	1.786E-03	5.308E-04	2.506E-07	1.832E-04	2.260E+04
2.278E-01	6.321E-02	1.071E-05	6.941E-04	1.656E-03	5.131E-04	2.203E-07	1.691E-04	2.280E+04
2.255E-01	6.443E-02	1.209E-05	6.797E-04	1.535E-03	4.958E-04	1.937E-07	1.560E-04	2.300E+04
2.231E-01	6.563E-02	1.362E-05	6.651E-04	1.423E-03	4.789E-04	1.704E-07	1.440E-04	2.320E+04
2.207E-01	6.682E-02	1.522E-05	6.505E-04	1.320E-03	4.625E-04	1.499E-07	1.329E-04	2.340E+04
2.183E-01	6.799E-02	1.720E-05	6.358E-04	1.225E-03	4.464E-04	1.320E-07	1.227E-04	2.360E+04
2.159E-01	6.914E-02	1.927E-05	6.211E-04	1.136E-03	4.307E-04	1.162E-07	1.132E-04	2.380E+04
2.135E-01	7.027E-02	2.155E-05	6.064E-04	1.055E-03	4.154E-04	1.024E-07	1.045E-04	2.400E+04
2.112E-01	7.139E-02	2.406E-05	5.917E-04	9.789E-04	4.005E-04	9.020E-08	9.640E-05	2.420E+04
2.088E-01	7.250E-02	2.682E-05	5.771E-04	9.087E-04	3.860E-04	7.949E-08	8.896E-05	2.440E+04
2.064E-01	7.358E-02	2.984E-05	5.626E-04	8.436E-04	3.719E-04	7.007E-08	8.210E-05	2.460E+04
2.041E-01	7.465E-02	3.316E-05	5.481E-04	7.833E-04	3.582E-04	6.178E-08	7.577E-05	2.480E+04
2.017E-01	7.570E-02	3.678E-05	5.338E-04	7.273E-04	3.449E-04	5.448E-08	6.993E-05	2.500E+04



Table II. - Continued.

P/P<sub>0</sub> = 3.00E+03

T	E-	O	O+	O++	O-	O2	O2+	O2-
1.000E+02	0.	0.	0.	0.	0.	4.414E-11	1.760E-18	0.
2.000E+02	0.	1.391E-49	0.	0.	0.	5.155E-11	1.760E-18	0.
3.000E+02	0.	6.149E-48	6.077E-82	0.	0.	5.013E-11	1.760E-18	0.
4.000E+02	0.	4.505E-37	1.496E-64	0.	0.	5.208E-11	1.760E-18	0.
5.000E+02	0.	1.498E-30	4.388E-54	0.	0.	4.945E-11	1.760E-18	0.
6.000E+02	3.756E-97	3.503E-26	4.154E-47	0.	0.	5.061E-11	1.760E-18	0.
7.000E+02	1.492E-82	4.530E-23	4.219E-42	0.	6.438E-92	4.765E-11	1.760E-18	6.321E-83
8.000E+02	1.812E-71	1.124E-20	2.124E-38	0.	6.582E-80	5.954E-11	1.760E-18	8.784E-73
9.000E+02	6.347E-62	2.357E-18	5.695E-36	0.	3.347E-69	5.739E-10	1.760E-18	4.472E-63
1.000E+03	5.417E-54	2.361E-16	3.620E-34	0.	3.291E-60	6.765E-09	1.760E-18	9.643E-55
1.100E+03	1.771E-47	1.047E-14	1.067E-32	0.	7.944E-53	5.201E-08	1.760E-18	6.830E-48
1.200E+03	4.842E-42	2.474E-13	1.795E-31	0.	1.132E-46	2.929E-07	1.760E-18	3.496E-42
1.300E+03	1.958E-37	3.600E-12	1.964E-30	0.	1.821E-41	1.246E-06	1.760E-18	2.360E-37
1.400E+03	1.758E-33	3.577E-11	1.531E-29	0.	5.277E-37	4.302E-06	1.760E-18	3.241E-33
1.500E+03	4.739E-30	2.619E-10	9.104E-25	0.	3.881E-33	1.257E-05	1.760E-18	1.245E-29
1.600E+03	4.797E-27	1.496E-09	4.342E-28	0.	9.368E-30	3.287E-05	1.760E-18	1.700E-26
1.700E+03	2.169E-24	6.961E-09	1.727E-27	0.	9.031E-27	7.319E-05	1.760E-18	9.898E-24
1.800E+03	4.994E-22	2.732E-08	5.886E-27	0.	4.045E-24	1.522E-04	1.763E-18	2.828E-21
1.900E+03	5.299E-20	9.285E-08	2.187E-26	0.	7.729E-22	2.927E-04	2.175E-18	3.609E-19
2.000E+03	9.237E-19	2.793E-07	2.741E-25	0.	2.273E-20	5.266E-04	1.008E-17	7.370E-17
2.100E+03	6.901E-18	7.562E-07	4.808E-24	0.	2.709E-19	8.947E-04	7.202E-17	6.309E-17
2.200E+03	4.038E-17	1.870E-06	6.960E-23	7.214E-88	2.410E-18	1.447E-03	4.595E-16	4.150E-16
2.300E+03	2.018E-16	4.274E-06	8.071E-22	5.862E-84	1.757E-17	2.241E-03	2.514E-15	2.294E-15
2.400E+03	8.843E-16	9.113E-06	7.631E-21	2.258E-80	1.082E-16	3.341E-03	1.194E-14	1.095E-14
2.500E+03	3.453E-15	1.828E-05	6.029E-20	4.500E-77	5.757E-16	4.817E-03	5.004E-14	4.603E-14
2.600E+03	1.218E-14	3.473E-05	4.065E-19	5.003E-74	2.689E-15	6.741E-03	1.875E-13	1.727E-13
2.700E+03	3.926E-14	6.288E-05	2.379E-18	3.311E-71	1.119E-14	9.182E-03	6.361E-13	5.862E-13
2.800E+03	1.167E-13	1.090E-04	1.227E-17	1.378E-68	4.197E-14	1.221E-02	1.974E-12	1.818E-12
2.900E+03	3.224E-13	1.818E-04	5.648E-17	3.785E-66	1.435E-13	1.587E-02	5.653E-12	5.196E-12
3.000E+03	8.344E-13	2.925E-04	2.347E-16	7.151E-64	4.511E-13	2.023E-02	1.506E-11	1.380E-11
3.100E+03	2.355E-12	4.560E-04	8.890E-16	9.629E-62	1.314E-12	2.530E-02	3.755E-11	3.430E-11
3.200E+03	4.704E-12	6.903E-04	3.096E-15	9.547E-60	3.575E-12	3.111E-02	8.821E-11	8.021E-11
3.300E+03	1.035E-11	1.017E-03	9.941E-15	7.160E-58	9.129E-12	3.764E-02	1.961E-10	1.774E-10
3.400E+03	2.178E-11	1.463E-03	3.003E-14	4.164E-56	2.201E-11	4.488E-02	4.147E-10	3.730E-10
3.500E+03	4.398E-11	2.057E-03	8.470E-14	1.917E-54	5.033E-11	5.277E-02	8.373E-10	7.481E-10
3.600E+03	8.553E-11	2.832E-03	2.253E-13	7.137E-53	1.096E-10	6.124E-02	1.620E-09	1.437E-09
3.700E+03	1.606E-10	3.825E-03	5.674E-13	2.185E-51	2.283E-10	7.021E-02	3.013E-09	2.651E-09
3.800E+03	2.922E-10	5.074E-03	1.360E-12	5.581E-50	4.562E-10	7.957E-02	5.403E-09	4.711E-09
3.900E+03	5.158E-10	6.619E-03	3.110E-12	1.206E-48	8.772E-10	8.920E-02	9.366E-09	8.089E-09
4.000E+03	8.858E-10	8.502E-03	6.817E-12	2.234E-47	1.627E-09	9.807E-02	1.573E-08	1.345E-08
4.100E+03	1.483E-09	1.076E-02	1.436E-11	3.586E-46	2.920E-09	1.088E-01	2.566E-08	2.169E-08
4.200E+03	2.423E-09	1.344E-02	2.914E-11	5.038E-45	5.080E-09	1.184E-01	4.071E-08	3.400E-08
4.300E+03	3.874E-09	1.658E-02	5.714E-11	6.258E-44	8.585E-09	1.278E-01	6.297E-08	5.193E-08
4.400E+03	6.064E-09	2.020E-02	1.085E-10	6.926E-43	1.412E-08	1.368E-01	9.510E-08	7.737E-08
4.500E+03	9.308E-09	2.435E-02	2.000E-10	6.885E-42	2.265E-08	1.454E-01	1.404E-07	1.126E-07
4.600E+03	1.403E-08	2.904E-02	3.583E-10	6.190E-41	3.546E-08	1.533E-01	2.031E-07	1.604E-07
4.700E+03	2.079E-08	3.430E-02	6.254E-10	5.065E-40	5.431E-08	1.605E-01	2.879E-07	2.238E-07
4.800E+03	3.030E-08	4.013E-02	1.065E-09	3.796E-39	8.143E-08	1.670E-01	4.008E-07	3.063E-07
4.900E+03	4.351E-08	4.656E-02	1.772E-09	2.618E-38	1.197E-07	1.727E-01	5.483E-07	4.117E-07
5.000E+03	6.158E-08	5.357E-02	2.885E-09	1.671E-37	1.728E-07	1.775E-01	7.379E-07	5.439E-07
5.100E+03	8.599E-08	6.117E-02	4.603E-09	9.916E-37	2.450E-07	1.815E-01	9.779E-07	7.071E-07
5.200E+03	1.185E-07	6.933E-02	7.203E-09	5.491E-36	3.417E-07	1.845E-01	1.277E-06	9.052E-07
5.300E+03	1.614E-07	7.805E-02	1.107E-08	2.850E-35	4.692E-07	1.867E-01	1.646E-06	1.142E-06
5.400E+03	2.174E-07	8.729E-02	1.672E-08	1.391E-34	6.348E-07	1.881E-01	2.094E-06	1.422E-06
5.500E+03	2.895E-07	9.703E-02	2.485E-08	6.406E-34	8.469E-07	1.886E-01	2.631E-06	1.747E-06
5.600E+03	3.817E-07	1.072E-01	3.637E-08	2.793E-33	1.115E-06	1.883E-01	3.268E-06	2.121E-06
5.700E+03	4.983E-07	1.179E-01	5.246E-08	1.556E-32	1.450E-06	1.872E-01	4.015E-06	2.545E-06
5.800E+03	6.446E-07	1.289E-01	7.463E-08	4.552E-32	1.863E-06	1.855E-01	4.882E-06	3.021E-06
5.900E+03	8.265E-07	1.402E-01	1.048E-07	1.711E-31	2.367E-06	1.831E-01	5.877E-06	3.548E-06
6.000E+03	1.051E-06	1.518E-01	1.453E-07	6.148E-31	2.975E-06	1.801E-01	7.009E-06	4.127E-06
6.100E+03	1.326E-06	1.636E-01	1.990E-07	2.118E-30	3.702E-06	1.766E-01	8.284E-06	4.756E-06
6.200E+03	1.661E-06	1.756E-01	2.696E-07	7.004E-30	4.564E-06	1.726E-01	9.706E-06	5.433E-06
6.300E+03	2.066E-06	1.877E-01	3.612E-07	2.228E-29	5.575E-06	1.682E-01	1.128E-05	6.154E-06
6.400E+03	2.552E-06	1.999E-01	4.789E-07	6.832E-29	6.752E-06	1.635E-01	1.300E-05	6.916E-06
6.500E+03	3.133E-06	2.121E-01	6.287E-07	2.022E-28	8.111E-06	1.584E-01	1.488E-05	7.714E-06
6.600E+03	3.824E-06	2.242E-01	8.173E-07	5.783E-28	9.670E-06	1.532E-01	1.690E-05	8.545E-06
6.700E+03	4.640E-06	2.362E-01	1.053E-06	1.601E-27	1.145E-05	1.477E-01	1.907E-05	9.402E-06
6.800E+03	5.601E-06	2.481E-01	1.344E-06	4.297E-27	1.346E-05	1.422E-01	2.137E-05	1.028E-05
6.900E+03	6.726E-06	2.598E-01	1.701E-06	1.119E-26	1.572E-05	1.365E-01	2.379E-05	1.118E-05
7.000E+03	8.040E-06	2.713E-01	2.136E-06	2.831E-26	1.825E-05	1.308E-01	2.632E-05	1.208E-05
7.100E+03	9.568E-06	2.825E-01	2.660E-06	6.966E-26	2.106E-05	1.252E-01	2.895E-05	1.300E-05
7.200E+03	1.134E-05	2.934E-01	3.288E-06	1.669E-25	2.419E-05	1.195E-01	3.166E-05	1.392E-05
7.300E+03	1.338E-05	3.040E-01	4.034E-06	3.896E-25	2.763E-05	1.140E-01	3.443E-05	1.483E-05
7.400E+03	1.574E-05	3.143E-01	4.913E-06	8.873E-25	3.142E-05	1.085E-01	3.724E-05	1.574E-05
7.500E+03	1.844E-05	3.242E-01	5.944E-06	1.973E-24	3.558E-05	1.032E-01	4.009E-05	1.665E-05
7.600E+03	2.154E-05	3.337E-01	7.143E-06	4.285E-24	4.011E-05	9.797E-02	4.294E-05	1.754E-05
7.700E+03	2.508E-05	3.428E-01	8.528E-06	9.104E-24	4.504E-05	9.294E-02	4.577E-05	1.843E-05
7.800E+03	2.912E-05	3.516E-01	1.012E-05	1.893E-23	5.043E-05	8.809E-02	4.858E-05	1.930E-05
7.900E+03	3.372E-05	3.599E-01	1.194E-05	3.854E-23	5.625E-05	8.342E-02	5.135E-05	2.015E-05
8.000E+03	3.893E-05	3.679E-01	1.400E-05	7.693E-23	6.254E-05	7.895E-02	5.405E-05	2.100E-05
8.200E+03	5.153E-05	3.827E-01	1.895E-05	2.894E-22	7.666E-05	7.061E-02	5.923E-05	2.264E-05

Table II. - Continued.

P/P0 = 3.00E+03

C	C+	C++	C-	CO	CG+	CO2	C2	T
0.	0.	0.	0.	0.	0.	1.000E+00	0.	1.000E+02
0.	0.	0.	0.	1.132E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	4.514E-42	2.869E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	9.434E-30	1.013E-61	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	2.464E-22	2.468E-49	1.000E+00	0.	5.000E+02
1.272E-82	1.272E-83	0.	0.	2.115E-17	4.125E-41	1.000E+00	0.	6.000E+02
9.315E-69	1.103E-70	0.	0.	7.332E-14	3.461E-35	1.000E+00	0.	7.000E+02
1.801E-58	3.298E-61	0.	0.	2.886E-11	6.410E-31	1.000E+00	3.005E-80	8.000E+02
2.235E-51	1.185E-55	0.	0.	1.053E-09	5.774E-29	1.000E+00	2.273E-70	9.000E+02
5.312E-46	8.943E-52	0.	0.223E-91	1.343E-08	7.902E-28	1.000E+00	4.904E-63	1.000E+03
1.376E-41	1.241E-48	0.	1.061E-80	1.055E-07	6.343E-27	1.000E+00	4.545E-57	1.100E+03
6.347E-38	5.157E-45	0.	3.569E-72	5.857E-07	3.584E-26	1.000E+00	4.260E-52	1.200E+03
8.015E-35	8.512E-44	0.	5.851E-65	2.492E-06	1.552E-25	1.000E+00	6.852E-48	1.300E+03
3.635E-32	6.803E-42	0.	8.935E-59	8.603E-06	5.450E-25	1.000E+00	2.764E-44	1.400E+03
7.380E-30	3.042E-40	2.554E-95	2.042E-53	2.514E-05	1.620E-24	1.000E+00	3.686E-41	1.500E+03
7.683E-28	8.486E-39	1.091E-91	9.978E-49	6.415E-05	4.202E-24	9.999E-01	2.000E-38	1.600E+03
4.636E-26	1.604E-37	1.745E-88	1.368E-44	1.464E-04	9.746E-24	9.998E-01	5.176E-36	1.700E+03
1.775E-24	2.197E-36	1.239E-85	6.488E-41	3.045E-04	2.064E-23	9.995E-01	7.226E-34	1.800E+03
4.634E-23	2.819E-35	6.705E-83	1.025E-37	5.855E-04	4.973E-23	9.991E-01	5.999E-32	1.900E+03
9.735E-22	1.077E-33	2.858E-79	2.018E-35	1.053E-03	4.212E-22	9.984E-01	3.202E-30	2.000E+03
1.246E-20	5.205E-32	1.757E-75	1.344E-33	1.790E-03	5.197E-21	9.973E-01	1.170E-28	2.100E+03
1.395E-19	1.891E-30	5.588E-72	5.719E-32	2.895E-03	5.450E-20	9.957E-01	3.082E-27	2.200E+03
1.267E-18	5.072E-29	8.979E-69	1.741E-30	4.686E-03	4.695E-19	9.933E-01	6.110E-26	2.300E+03
9.579E-18	1.037E-27	7.827E-66	3.978E-29	6.691E-03	3.383E-18	9.900E-01	9.440E-25	2.400E+03
6.159E-17	1.465E-26	3.983E-63	7.071E-28	9.653E-03	2.080E-17	9.855E-01	1.171E-23	2.500E+03
3.432E-16	2.164E-25	1.256E-60	1.006E-26	1.352E-02	1.112E-16	9.797E-01	1.197E-22	2.600E+03
1.684E-15	2.325E-24	2.589E-58	1.176E-25	1.843E-02	5.240E-16	9.723E-01	1.029E-21	2.700E+03
7.372E-15	2.105E-23	3.651E-56	1.151E-24	2.452E-02	2.208E-15	9.622E-01	7.577E-21	2.800E+03
2.914E-14	1.646E-22	3.663E-54	9.618E-24	3.193E-02	8.413E-15	9.520E-01	4.858E-20	2.900E+03
1.051E-13	1.119E-21	2.704E-52	6.968E-23	4.074E-02	2.927E-14	9.387E-01	2.748E-19	3.000E+03
3.485E-13	6.722E-21	1.514E-50	4.437E-22	5.105E-02	9.380E-14	9.232E-01	1.388E-18	3.100E+03
1.072E-12	3.610E-20	6.581E-49	2.513E-21	6.290E-02	2.788E-13	9.053E-01	6.328E-18	3.200E+03
3.078E-12	1.751E-19	2.287E-47	1.279E-20	7.630E-02	7.743E-13	8.850E-01	2.627E-17	3.300E+03
8.298E-12	7.735E-19	6.438E-46	5.910E-20	9.122E-02	2.019E-12	8.624E-01	1.001E-16	3.400E+03
2.112E-11	3.138E-18	1.498E-44	2.497E-19	1.076E-01	4.974E-12	8.376E-01	3.525E-16	3.500E+03
5.100E-11	1.177E-17	2.929E-43	9.722E-19	1.253E-01	1.162E-11	8.106E-01	1.155E-15	3.600E+03
1.173E-10	4.112E-17	4.876E-42	3.510E-18	1.442E-01	2.586E-11	7.817E-01	3.543E-15	3.700E+03
2.579E-10	1.344E-16	7.003E-41	1.183E-17	1.642E-01	5.503E-11	7.511E-01	1.022E-14	3.800E+03
5.441E-10	4.113E-16	8.779E-40	3.736E-17	1.850E-01	1.123E-10	7.192E-01	2.785E-14	3.900E+03
1.105E-09	1.200E-15	9.659E-39	1.112E-16	2.065E-01	2.205E-10	6.861E-01	7.203E-14	4.000E+03
2.164E-09	3.310E-15	9.534E-38	3.133E-16	2.283E-01	4.178E-10	6.522E-01	1.775E-13	4.100E+03
4.103E-09	8.692E-15	8.415E-37	8.386E-15	2.503E-01	7.557E-10	6.179E-01	4.179E-13	4.200E+03
7.542E-09	2.181E-14	6.713E-36	2.140E-15	2.722E-01	1.361E-09	5.834E-01	5.436E-13	4.300E+03
1.347E-08	5.251E-14	4.876E-35	5.224E-15	2.939E-01	2.349E-09	5.491E-01	2.049E-12	4.400E+03
2.344E-08	1.216E-13	3.246E-34	1.223E-14	3.151E-01	3.947E-09	5.152E-01	4.291E-12	4.500E+03
3.978E-08	2.713E-13	1.992E-33	2.756E-14	3.356E-01	6.470E-09	4.820E-01	8.687E-12	4.600E+03
6.595E-08	5.852E-13	1.132E-32	5.988E-14	3.554E-01	1.036E-08	4.498E-01	1.704E-11	4.700E+03
1.070E-07	1.223E-12	5.995E-32	1.258E-13	3.742E-01	1.623E-08	4.187E-01	3.246E-11	4.800E+03
1.702E-07	2.480E-12	2.959E-31	2.559E-13	3.920E-01	2.492E-08	3.888E-01	0.015E-11	4.900E+03
2.656E-07	4.890E-12	1.381E-30	5.053E-13	4.086E-01	3.753E-08	3.603E-01	1.087E-10	5.000E+03
4.071E-07	9.395E-12	6.055E-30	9.705E-13	4.241E-01	5.553E-08	3.333E-01	1.916E-10	5.100E+03
6.138E-07	1.761E-11	2.513E-29	1.816E-12	4.384E-01	8.081E-08	3.077E-01	3.306E-10	5.200E+03
9.113E-07	3.227E-11	9.902E-29	3.314E-12	4.515E-01	1.158E-07	2.837E-01	5.584E-10	5.300E+03
1.333E-06	5.787E-11	3.714E-28	5.910E-12	4.634E-01	1.635E-07	2.612E-01	9.252E-10	5.400E+03
1.924E-06	1.017E-10	1.330E-27	1.031E-11	4.742E-01	2.277E-07	2.402E-01	1.505E-09	5.500E+03
2.742E-06	1.759E-10	4.540E-27	1.763E-11	4.838E-01	3.130E-07	2.207E-01	2.408E-09	5.600E+03
3.860E-06	2.980E-10	1.498E-26	2.956E-11	4.923E-01	4.252E-07	2.025E-01	3.791E-09	5.700E+03
5.373E-06	4.962E-10	4.746E-26	4.866E-11	4.998E-01	5.711E-07	1.858E-01	5.880E-09	5.800E+03
7.400E-06	8.132E-10	1.447E-25	7.876E-11	5.063E-01	7.588E-07	1.704E-01	8.995E-09	5.900E+03
1.009E-05	1.312E-09	4.257E-25	1.254E-10	5.120E-01	9.981E-07	1.561E-01	1.358E-08	6.000E+03
1.363E-05	2.088E-09	1.212E-24	1.967E-10	5.168E-01	1.300E-06	1.430E-01	2.026E-08	6.100E+03
1.825E-05	3.277E-09	3.341E-24	3.037E-10	5.208E-01	1.679E-06	1.309E-01	2.988E-08	6.200E+03
2.422E-05	5.076E-09	8.936E-24	4.633E-10	5.241E-01	2.149E-06	1.199E-01	4.359E-08	6.300E+03
3.191E-05	7.768E-09	2.322E-23	6.984E-10	5.268E-01	2.729E-06	1.098E-01	6.296E-08	6.400E+03
4.171E-05	1.175E-08	5.869E-23	1.039E-09	5.289E-01	3.439E-06	1.005E-01	9.008E-08	6.500E+03
5.414E-05	1.757E-08	1.445E-22	1.528E-09	5.305E-01	4.301E-06	9.203E-02	1.277E-07	6.600E+03
6.981E-05	2.599E-08	3.467E-22	2.224E-09	5.316E-01	5.342E-06	8.429E-02	1.796E-07	6.700E+03
8.945E-05	3.806E-08	8.122E-22	3.203E-09	5.323E-01	6.391E-06	7.722E-02	2.505E-07	6.800E+03
1.139E-04	5.518E-08	1.858E-21	4.570E-09	5.327E-01	8.079E-06	7.076E-02	3.471E-07	6.900E+03
1.442E-04	7.924E-08	4.157E-21	6.461E-09	5.328E-01	9.842E-06	6.487E-02	4.772E-07	7.000E+03
1.817E-04	1.128E-07	9.101E-21	9.056E-09	5.326E-01	1.192E-05	5.950E-02	6.517E-07	7.100E+03
2.276E-04	1.591E-07	1.951E-20	1.259E-08	5.321E-01	1.435E-05	5.460E-02	8.843E-07	7.200E+03
2.837E-04	2.225E-07	4.099E-20	1.737E-08	5.315E-01	1.718E-05	5.013E-02	1.193E-06	7.300E+03
3.519E-04	3.086E-07	8.444E-20	2.279E-08	5.307E-01	2.046E-05	4.606E-02	1.599E-06	7.400E+03
4.345E-04	4.247E-07	1.707E-19	3.236E-08	5.297E-01	2.425E-05	4.234E-02	2.132E-06	7.500E+03
5.342E-04	5.798E-07	3.388E-19	4.373E-08	5.287E-01	2.859E-05	3.895E-02	2.826E-06	7.600E+03
6.538E-04	7.457E-07	6.606E-19	5.872E-08	5.275E-01	3.354E-05	3.586E-02	3.727E-06	7.700E+03
7.970E-04	1.057E-06	1.266E-18	7.837E-08	5.263E-01	3.916E-05	3.304E-02	4.890E-06	7.800E+03
9.677E-04	1.411E-06	2.386E-18	1.044E-07	5.250E-01	4.552E-05	3.046E-02	6.384E-06	7.900E+03
1.170E-03	1.872E-06	4.424E-18	1.372E-07	5.236E-01	5.268E-05	2.811E-02	8.293E-06	8.000E+03
1.692E-03	3.226E-06	1.452E-17	2.352E-07	5.207E-01	6.966E-05	2.400E-02	1.379E-05	8.200E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	6.757E-05	3.961E-01	2.513E-05	1.313E-21	9.300E-05	6.306E-02	6.404E-05	2.424E-05
8.600E+03	8.787E-05	4.081E-01	3.272E-05	3.319E-21	1.118E-04	5.630E-02	6.842E-05	2.579E-05
8.800E+03	1.134E-04	4.190E-01	4.189E-05	1.022E-20	1.333E-04	5.028E-02	7.236E-05	2.730E-05
9.000E+03	1.452E-04	4.289E-01	5.283E-05	2.973E-20	1.578E-04	4.496E-02	7.587E-05	2.880E-05
9.200E+03	1.845E-04	4.379E-01	6.571E-05	8.207E-20	1.656E-04	4.027E-02	7.899E-05	3.028E-05
9.400E+03	2.329E-04	4.463E-01	8.075E-05	2.159E-19	2.169E-04	3.617E-02	8.178E-05	3.177E-05
9.600E+03	2.920E-04	4.541E-01	9.817E-05	5.431E-19	2.521E-04	3.258E-02	8.431E-05	3.327E-05
9.800E+03	3.636E-04	4.617E-01	1.182E-04	1.312E-18	2.915E-04	2.945E-02	8.665E-05	3.480E-05
1.000E+04	4.496E-04	4.690E-01	1.413E-04	3.054E-18	3.354E-04	2.673E-02	8.893E-05	3.636E-05
1.020E+04	5.523E-04	4.764E-01	1.676E-04	6.872E-18	3.841E-04	2.437E-02	9.119E-05	3.797E-05
1.040E+04	6.737E-04	4.838E-01	1.976E-04	1.499E-17	4.378E-04	2.231E-02	9.354E-05	3.962E-05
1.060E+04	8.162E-04	4.914E-01	2.319E-04	3.180E-17	4.967E-04	2.052E-02	9.603E-05	4.131E-05
1.080E+04	9.820E-04	4.992E-01	2.710E-04	6.574E-17	5.609E-04	1.896E-02	9.875E-05	4.303E-05
1.100E+04	1.173E-03	5.073E-01	3.155E-04	1.328E-16	6.303E-04	1.760E-02	1.017E-04	4.476E-05
1.120E+04	1.392E-03	5.155E-01	3.661E-04	2.623E-16	7.048E-04	1.639E-02	1.050E-04	4.650E-05
1.140E+04	1.641E-03	5.238E-01	4.236E-04	5.079E-16	7.842E-04	1.533E-02	1.085E-04	4.820E-05
1.160E+04	1.921E-03	5.322E-01	4.889E-04	9.648E-16	8.681E-04	1.437E-02	1.124E-04	4.985E-05
1.180E+04	2.235E-03	5.406E-01	5.628E-04	1.800E-15	9.561E-04	1.351E-02	1.166E-04	5.142E-05
1.200E+04	2.584E-03	5.489E-01	6.461E-04	3.303E-15	1.048E-03	1.273E-02	1.210E-04	5.287E-05
1.220E+04	2.970E-03	5.569E-01	7.398E-04	5.961E-15	1.142E-03	1.201E-02	1.257E-04	5.419E-05
1.240E+04	3.394E-03	5.646E-01	8.449E-04	1.059E-14	1.239E-03	1.134E-02	1.305E-04	5.536E-05
1.260E+04	3.859E-03	5.720E-01	9.623E-04	1.853E-14	1.338E-03	1.073E-02	1.356E-04	5.635E-05
1.280E+04	4.365E-03	5.789E-01	1.093E-03	3.195E-14	1.438E-03	1.015E-02	1.408E-04	5.716E-05
1.300E+04	4.913E-03	5.853E-01	1.238E-03	5.432E-14	1.538E-03	9.603E-03	1.461E-04	5.779E-05
1.320E+04	5.506E-03	5.912E-01	1.398E-03	9.107E-14	1.639E-03	9.090E-03	1.514E-04	5.822E-05
1.340E+04	6.145E-03	5.966E-01	1.575E-03	1.507E-13	1.739E-03	8.606E-03	1.569E-04	5.847E-05
1.360E+04	6.830E-03	6.015E-01	1.770E-03	2.461E-13	1.838E-03	8.148E-03	1.624E-04	5.854E-05
1.380E+04	7.563E-03	6.058E-01	1.983E-03	3.969E-13	1.935E-03	7.716E-03	1.678E-04	5.844E-05
1.400E+04	8.346E-03	6.097E-01	2.216E-03	6.325E-13	2.032E-03	7.307E-03	1.733E-04	5.819E-05
1.420E+04	9.179E-03	6.130E-01	2.470E-03	9.961E-13	2.126E-03	6.920E-03	1.788E-04	5.780E-05
1.440E+04	1.006E-02	6.159E-01	2.746E-03	1.551E-12	2.218E-03	6.555E-03	1.843E-04	5.727E-05
1.460E+04	1.100E-02	6.184E-01	3.045E-03	2.389E-12	2.308E-03	6.210E-03	1.897E-04	5.664E-05
1.480E+04	1.199E-02	6.205E-01	3.369E-03	3.642E-12	2.395E-03	5.884E-03	1.951E-04	5.591E-05
1.500E+04	1.304E-02	6.222E-01	3.719E-03	5.494E-12	2.480E-03	5.577E-03	2.005E-04	5.509E-05
1.520E+04	1.414E-02	6.235E-01	4.096E-03	8.206E-12	2.562E-03	5.288E-03	2.058E-04	5.419E-05
1.540E+04	1.530E-02	6.246E-01	4.501E-03	1.214E-11	2.641E-03	5.014E-03	2.110E-04	5.323E-05
1.560E+04	1.652E-02	6.253E-01	4.936E-03	1.780E-11	2.717E-03	4.757E-03	2.162E-04	5.222E-05
1.580E+04	1.780E-02	6.258E-01	5.403E-03	2.586E-11	2.791E-03	4.514E-03	2.214E-04	5.117E-05
1.600E+04	1.914E-02	6.260E-01	5.901E-03	3.726E-11	2.862E-03	4.285E-03	2.265E-04	5.008E-05
1.620E+04	2.053E-02	6.260E-01	6.434E-03	5.323E-11	2.929E-03	4.070E-03	2.315E-04	4.897E-05
1.640E+04	2.199E-02	6.258E-01	7.001E-03	7.544E-11	2.994E-03	3.866E-03	2.365E-04	4.783E-05
1.660E+04	2.351E-02	6.253E-01	7.605E-03	1.061E-10	3.055E-03	3.674E-03	2.413E-04	4.668E-05
1.680E+04	2.509E-02	6.247E-01	8.247E-03	1.481E-10	3.113E-03	3.493E-03	2.462E-04	4.551E-05
1.700E+04	2.673E-02	6.238E-01	8.927E-03	2.051E-10	3.169E-03	3.322E-03	2.509E-04	4.434E-05
1.720E+04	2.843E-02	6.229E-01	9.648E-03	2.822E-10	3.221E-03	3.160E-03	2.555E-04	4.317E-05
1.740E+04	3.020E-02	6.217E-01	1.041E-02	3.857E-10	3.270E-03	3.008E-03	2.600E-04	4.200E-05
1.760E+04	3.203E-02	6.204E-01	1.122E-02	5.236E-10	3.316E-03	2.863E-03	2.645E-04	4.083E-05
1.780E+04	3.392E-02	6.189E-01	1.206E-02	7.062E-10	3.358E-03	2.726E-03	2.688E-04	3.966E-05
1.800E+04	3.588E-02	6.173E-01	1.296E-02	9.467E-10	3.398E-03	2.597E-03	2.730E-04	3.851E-05
1.820E+04	3.790E-02	6.156E-01	1.390E-02	1.261E-09	3.434E-03	2.474E-03	2.771E-04	3.736E-05
1.840E+04	3.998E-02	6.137E-01	1.488E-02	1.671E-09	3.467E-03	2.358E-03	2.811E-04	3.623E-05
1.860E+04	4.212E-02	6.117E-01	1.592E-02	2.201E-09	3.497E-03	2.247E-03	2.849E-04	3.510E-05
1.880E+04	4.432E-02	6.095E-01	1.700E-02	2.884E-09	3.524E-03	2.142E-03	2.886E-04	3.400E-05
1.900E+04	4.659E-02	6.073E-01	1.814E-02	3.758E-09	3.548E-03	2.043E-03	2.921E-04	3.291E-05
1.920E+04	4.892E-02	6.049E-01	1.932E-02	4.872E-09	3.569E-03	1.948E-03	2.955E-04	3.183E-05
1.940E+04	5.130E-02	6.024E-01	2.056E-02	6.284E-09	3.587E-03	1.858E-03	2.987E-04	3.077E-05
1.960E+04	5.375E-02	5.998E-01	2.185E-02	8.066E-09	3.601E-03	1.772E-03	3.018E-04	2.973E-05
1.980E+04	5.626E-02	5.971E-01	2.319E-02	1.030E-08	3.613E-03	1.691E-03	3.046E-04	2.871E-05
2.000E+04	5.882E-02	5.942E-01	2.459E-02	1.310E-08	3.621E-03	1.613E-03	3.073E-04	2.770E-05
2.020E+04	6.144E-02	5.913E-01	2.604E-02	1.659E-08	3.627E-03	1.539E-03	3.098E-04	2.672E-05
2.040E+04	6.412E-02	5.883E-01	2.754E-02	2.091E-08	3.630E-03	1.468E-03	3.121E-04	2.576E-05
2.060E+04	6.685E-02	5.951E-01	2.910E-02	2.624E-08	3.630E-03	1.400E-03	3.142E-04	2.481E-05
2.080E+04	6.964E-02	5.819E-01	3.071E-02	3.280E-08	3.627E-03	1.336E-03	3.161E-04	2.389E-05
2.100E+04	7.248E-02	5.785E-01	3.237E-02	4.083E-08	3.621E-03	1.275E-03	3.178E-04	2.299E-05
2.120E+04	7.537E-02	5.750E-01	3.409E-02	5.062E-08	3.613E-03	1.216E-03	3.192E-04	2.211E-05
2.140E+04	7.832E-02	5.715E-01	3.587E-02	6.252E-08	3.602E-03	1.160E-03	3.205E-04	2.125E-05
2.160E+04	8.131E-02	5.679E-01	3.769E-02	7.694E-08	3.588E-03	1.106E-03	3.215E-04	2.041E-05
2.180E+04	8.436E-02	5.641E-01	3.957E-02	9.434E-08	3.572E-03	1.055E-03	3.223E-04	1.959E-05
2.200E+04	8.745E-02	5.603E-01	4.151E-02	1.153E-07	3.554E-03	1.006E-03	3.229E-04	1.880E-05
2.220E+04	9.059E-02	5.564E-01	4.349E-02	1.403E-07	3.533E-03	9.590E-04	3.232E-04	1.802E-05
2.240E+04	9.377E-02	5.524E-01	4.553E-02	1.703E-07	3.510E-03	9.142E-04	3.234E-04	1.727E-05
2.260E+04	9.699E-02	5.483E-01	4.762E-02	2.059E-07	3.485E-03	8.713E-04	3.232E-04	1.654E-05
2.280E+04	1.003E-01	5.441E-01	4.976E-02	2.482E-07	3.457E-03	8.303E-04	3.229E-04	1.583E-05
2.300E+04	1.036E-01	5.398E-01	5.194E-02	2.983E-07	3.428E-03	7.911E-04	3.224E-04	1.514E-05
2.320E+04	1.069E-01	5.355E-01	5.418E-02	3.574E-07	3.396E-03	7.535E-04	3.216E-04	1.448E-05
2.340E+04	1.103E-01	5.311E-01	5.646E-02	4.269E-07	3.363E-03	7.176E-04	3.206E-04	1.383E-05
2.360E+04	1.137E-01	5.266E-01	5.878E-02	5.084E-07	3.328E-03	6.833E-04	3.193E-04	1.321E-05
2.380E+04	1.172E-01	5.221E-01	6.115E-02	6.037E-07	3.292E-03	6.504E-04	3.179E-04	1.260E-05
2.400E+04	1.207E-01	5.175E-01	6.356E-02	7.150E-07	3.253E-03	6.190E-04	3.162E-04	1.202E-05
2.420E+04	1.242E-01	5.128E-01	6.601E-02	8.444E-07	3.213E-03	5.890E-04	3.144E-04	1.146E-05
2.440E+04	1.277E-01	5.081E-01	6.850E-02	9.946E-07	3.172E-03	5.602E-04	3.123E-04	1.091E-05
2.460E+04	1.313E-01	5.033E-01	7.103E-02	1.168E-06	3.130E-03	5.328E-04	3.100E-04	1.039E-05
2.480E+04	1.349E-01	4.984E-01	7.360E-02	1.369E-06	3.086E-03	5.065E-04	3.076E-04	9.884E-06
2.500E+04	1.385E-01	4.935E-01	7.620E-02	1.600E-06	3.041E-03	4.814E-04	3.049E-04	9.399E-06

Table II. - Continued.

C	C+	C++	C-	CL	CO+	C32	C2	T
2.411E-03	5.418E-05	4.490E-17	3.949E-07	5.175E-01	9.062E-05	2.056E-02	2.251E-05	8.400E+03
3.386E-03	8.876E-06	1.315E-16	6.505E-07	5.140E-01	1.161E-04	1.767E-02	3.606E-05	8.600E+03
4.691E-03	1.420E-05	3.642E-16	1.052E-06	5.102E-01	1.465E-04	1.524E-02	3.669E-05	8.800E+03
6.409E-03	2.221E-05	9.111E-16	1.670E-06	5.058E-01	1.825E-04	1.313E-02	8.744E-05	9.000E+03
8.638E-03	3.397E-05	2.420E-15	2.602E-06	5.008E-01	2.243E-04	1.144E-02	1.523E-04	9.200E+03
1.148E-02	5.088E-05	5.929E-15	3.987E-06	4.970E-01	2.721E-04	9.950E-03	1.962E-04	9.400E+03
1.500E-02	7.466E-05	1.346E-14	5.995E-06	4.881E-01	3.262E-04	8.674E-03	2.850E-04	9.600E+03
1.947E-02	1.074E-04	2.988E-14	8.851E-06	4.800E-01	3.865E-04	7.575E-03	4.052E-04	9.800E+03
2.483E-02	1.514E-04	6.385E-14	1.283E-05	4.705E-01	4.527E-04	6.622E-03	5.635E-04	1.000E+04
3.120E-02	2.095E-04	1.317E-13	1.824E-05	4.595E-01	5.243E-04	5.794E-03	7.657E-04	1.020E+04
3.865E-02	2.847E-04	2.624E-13	2.543E-05	4.468E-01	6.008E-04	5.069E-03	1.016E-03	1.040E+04
4.718E-02	3.799E-04	5.057E-13	3.478E-05	4.323E-01	6.811E-04	4.433E-03	1.316E-03	1.060E+04
5.676E-02	4.984E-04	9.493E-13	4.663E-05	4.162E-01	7.644E-04	3.872E-03	1.665E-03	1.080E+04
6.731E-02	6.451E-04	1.729E-12	5.132E-05	3.985E-01	8.493E-04	3.277E-03	2.034E-03	1.100E+04
7.872E-02	8.167E-04	3.065E-12	7.911E-05	3.796E-01	9.347E-04	2.940E-03	2.478E-03	1.120E+04
9.083E-02	1.022E-03	5.500E-12	1.002E-04	3.594E-01	1.019E-03	2.553E-03	2.915E-03	1.140E+04
1.034E-01	1.261E-03	8.951E-12	1.246E-04	3.384E-01	1.102E-03	2.211E-03	3.360E-03	1.160E+04
1.154E-01	1.535E-03	1.479E-11	1.522E-04	3.170E-01	1.181E-03	1.909E-03	3.791E-03	1.180E+04
1.295E-01	1.845E-03	2.393E-11	1.831E-04	2.954E-01	1.255E-03	1.644E-03	4.193E-03	1.200E+04
1.424E-01	2.193E-03	3.799E-11	2.168E-04	2.729E-01	1.325E-03	1.411E-03	4.555E-03	1.220E+04
1.552E-01	2.579E-03	5.922E-11	2.531E-04	2.529E-01	1.388E-03	1.208E-03	4.865E-03	1.240E+04
1.676E-01	3.002E-03	9.074E-11	2.916E-04	2.325E-01	1.444E-03	1.031E-03	5.117E-03	1.260E+04
1.794E-01	3.463E-03	1.369E-10	3.318E-04	2.130E-01	1.494E-03	8.782E-04	5.306E-03	1.280E+04
1.906E-01	3.962E-03	2.033E-10	3.734E-04	1.945E-01	1.537E-03	7.463E-04	5.424E-03	1.300E+04
2.011E-01	4.494E-03	2.978E-10	4.158E-04	1.772E-01	1.573E-03	6.530E-04	5.501E-03	1.320E+04
2.109E-01	5.067E-03	4.304E-10	4.587E-04	1.610E-01	1.601E-03	5.361E-04	5.512E-03	1.340E+04
2.200E-01	5.672E-03	6.144E-10	5.016E-04	1.450E-01	1.624E-03	4.555E-04	5.474E-03	1.360E+04
2.282E-01	6.311E-03	8.657E-10	5.442E-04	1.323E-01	1.640E-03	3.833E-04	5.391E-03	1.380E+04
2.357E-01	6.982E-03	1.209E-09	5.862E-04	1.197E-01	1.651E-03	3.259E-04	5.272E-03	1.400E+04
2.425E-01	7.685E-03	1.669E-09	6.272E-04	1.082E-01	1.656E-03	2.736E-04	5.123E-03	1.420E+04
2.485E-01	8.420E-03	2.281E-09	6.672E-04	9.780E-02	1.657E-03	2.312E-04	4.951E-03	1.440E+04
2.539E-01	9.185E-03	3.089E-09	7.059E-04	8.838E-02	1.653E-03	1.954E-04	4.761E-03	1.460E+04
2.587E-01	9.978E-03	4.145E-09	7.430E-04	7.988E-02	1.646E-03	1.653E-04	4.559E-03	1.480E+04
2.628E-01	1.080E-02	5.515E-09	7.786E-04	7.222E-02	1.636E-03	1.399E-04	4.349E-03	1.500E+04
2.664E-01	1.165E-02	7.282E-09	8.125E-04	6.532E-02	1.622E-03	1.185E-04	4.135E-03	1.520E+04
2.695E-01	1.252E-02	9.539E-09	8.446E-04	5.912E-02	1.607E-03	1.005E-04	3.921E-03	1.540E+04
2.722E-01	1.342E-02	1.241E-08	8.749E-04	5.356E-02	1.589E-03	8.543E-05	3.708E-03	1.560E+04
2.745E-01	1.435E-02	1.502E-08	9.034E-04	4.853E-02	1.569E-03	7.267E-05	3.499E-03	1.580E+04
2.763E-01	1.533E-02	2.055E-08	9.299E-04	4.406E-02	1.548E-03	6.191E-05	3.296E-03	1.600E+04
2.778E-01	1.627E-02	2.621E-08	9.546E-04	4.002E-02	1.525E-03	5.282E-05	3.100E-03	1.620E+04
2.790E-01	1.727E-02	3.321E-08	9.774E-04	3.640E-02	1.502E-03	4.513E-05	2.911E-03	1.640E+04
2.799E-01	1.828E-02	4.184E-08	9.982E-04	3.313E-02	1.477E-03	3.862E-05	2.729E-03	1.660E+04
2.805E-01	1.932E-02	5.242E-08	1.017E-03	3.019E-02	1.452E-03	3.311E-05	2.557E-03	1.680E+04
2.809E-01	2.037E-02	6.533E-08	1.034E-03	2.764E-02	1.426E-03	2.842E-05	2.393E-03	1.700E+04
2.811E-01	2.144E-02	8.099E-08	1.050E-03	2.516E-02	1.400E-03	2.444E-05	2.237E-03	1.720E+04
2.810E-01	2.253E-02	9.991E-08	1.063E-03	2.300E-02	1.373E-03	2.104E-05	2.090E-03	1.740E+04
2.808E-01	2.364E-02	1.227E-07	1.075E-03	2.105E-02	1.345E-03	1.815E-05	1.951E-03	1.760E+04
2.804E-01	2.476E-02	1.499E-07	1.085E-03	1.929E-02	1.319E-03	1.567E-05	1.820E-03	1.780E+04
2.799E-01	2.589E-02	1.824E-07	1.093E-03	1.769E-02	1.292E-03	1.355E-05	1.697E-03	1.800E+04
2.792E-01	2.703E-02	2.210E-07	1.100E-03	1.624E-02	1.264E-03	1.174E-05	1.581E-03	1.820E+04
2.784E-01	2.818E-02	2.666E-07	1.105E-03	1.492E-02	1.237E-03	1.018E-05	1.473E-03	1.840E+04
2.774E-01	2.935E-02	3.204E-07	1.109E-03	1.372E-02	1.209E-03	8.844E-06	1.371E-03	1.860E+04
2.764E-01	3.052E-02	3.836E-07	1.111E-03	1.263E-02	1.182E-03	7.593E-06	1.275E-03	1.880E+04
2.753E-01	3.179E-02	4.575E-07	1.111E-03	1.164E-02	1.154E-03	6.695E-06	1.187E-03	1.900E+04
2.740E-01	3.288E-02	5.355E-07	1.110E-03	1.072E-02	1.127E-03	5.836E-06	1.104E-03	1.920E+04
2.727E-01	3.407E-02	6.375E-07	1.108E-03	9.903E-03	1.100E-03	5.092E-06	1.026E-03	1.940E+04
2.714E-01	3.526E-02	7.597E-07	1.105E-03	9.145E-03	1.075E-03	4.448E-06	9.540E-04	1.960E+04
2.699E-01	3.645E-02	8.935E-07	1.100E-03	8.451E-03	1.046E-03	3.883E-06	8.864E-04	1.980E+04
2.684E-01	3.765E-02	1.048E-06	1.094E-03	7.815E-03	1.020E-03	3.404E-06	8.234E-04	2.000E+04
2.668E-01	3.884E-02	1.225E-06	1.087E-03	7.231E-03	9.938E-04	2.983E-06	7.547E-04	2.020E+04
2.652E-01	4.003E-02	1.427E-06	1.079E-03	6.695E-03	9.679E-04	2.616E-06	7.100E-04	2.040E+04
2.635E-01	4.122E-02	1.659E-06	1.070E-03	6.202E-03	9.422E-04	2.295E-06	6.591E-04	2.060E+04
2.617E-01	4.241E-02	1.922E-06	1.060E-03	5.749E-03	9.169E-04	2.016E-06	6.117E-04	2.080E+04
2.600E-01	4.359E-02	2.221E-06	1.050E-03	5.321E-03	8.918E-04	1.773E-06	5.575E-04	2.100E+04
2.582E-01	4.476E-02	2.562E-06	1.038E-03	4.946E-03	8.672E-04	1.560E-06	5.266E-04	2.120E+04
2.563E-01	4.593E-02	2.943E-06	1.026E-03	4.591E-03	8.428E-04	1.373E-06	4.985E-04	2.140E+04
2.545E-01	4.709E-02	3.374E-06	1.013E-03	4.264E-03	8.189E-04	1.210E-06	4.531E-04	2.160E+04
2.526E-01	4.825E-02	3.867E-06	9.994E-04	3.961E-03	7.953E-04	1.066E-06	4.202E-04	2.180E+04
2.506E-01	4.939E-02	4.404E-06	9.853E-04	3.681E-03	7.721E-04	9.406E-07	3.896E-04	2.200E+04
2.487E-01	5.053E-02	5.015E-06	9.706E-04	3.422E-03	7.493E-04	8.302E-07	3.613E-04	2.220E+04
2.467E-01	5.165E-02	5.697E-06	9.555E-04	3.183E-03	7.269E-04	7.331E-07	3.349E-04	2.240E+04
2.447E-01	5.277E-02	6.453E-06	9.400E-04	2.961E-03	7.049E-04	6.478E-07	3.105E-04	2.260E+04
2.427E-01	5.388E-02	7.305E-06	9.240E-04	2.755E-03	6.833E-04	5.727E-07	2.878E-04	2.280E+04
2.407E-01	5.498E-02	8.245E-06	9.078E-04	2.565E-03	6.622E-04	5.065E-07	2.658E-04	2.300E+04
2.387E-01	5.606E-02	9.293E-06	8.913E-04	2.388E-03	6.414E-04	4.482E-07	2.473E-04	2.320E+04
2.366E-01	5.713E-02	1.045E-05	8.746E-04	2.224E-03	6.212E-04	3.968E-07	2.292E-04	2.340E+04
2.346E-01	5.819E-02	1.172E-05	8.577E-04	2.072E-03	6.013E-04	3.514E-07	2.124E-04	2.360E+04
2.325E-01	5.923E-02	1.313E-05	8.406E-04	1.930E-03	5.819E-04	3.113E-07	1.969E-04	2.380E+04
2.304E-01	6.027E-02	1.469E-05	8.235E-04	1.799E-03	5.630E-04	2.759E-07	1.825E-04	2.400E+04
2.284E-01	6.129E-02	1.639E-05	8.062E-04	1.677E-03	5.445E-04	2.446E-07	1.691E-04	2.420E+04
2.263E-01	6.230E-02	1.827E-05	7.889E-04	1.563E-03	5.264E-04	2.170E-07	1.568E-04	2.440E+04
2.242E-01	6.329E-02	2.033E-05	7.716E-04	1.457E-03	5.088E-04	1.925E-07	1.453E-04	2.460E+04
2.221E-01	6.428E-02	2.259E-05	7.544E-04	1.359E-03	4.917E-04	1.709E-07	1.347E-04	2.480E+04
2.201E-01	6.525E-02	2.503E-05	7.371E-04	1.258E-03	4.749E-04	1.517E-07	1.249E-04	2.500E+04

Table II. - Continued.

P/PD = 4.00E+03

T	E-	O	O+	O++	O-	O2	O2+	O2-
2.000E+02	0.	1.166E-69	0.	0.	0.	4.862E-11	1.760E-18	0.
3.000E+02	0.	5.294E-48	5.294E-82	0.	0.	4.955E-11	1.760E-18	0.
4.000E+02	0.	3.887E-37	1.301E-64	0.	0.	5.165E-11	1.760E-18	0.
5.000E+02	0.	1.275E-30	3.866E-54	0.	0.	4.777E-11	1.760E-18	0.
6.000E+02	2.785E-97	3.022E-26	3.618E-47	0.	0.	5.003E-11	1.760E-18	0.
7.000E+02	1.103E-82	3.885E-23	3.681E-42	0.	5.454E-92	4.686E-11	1.760E-18	6.138E-63
8.000E+02	1.361E-71	9.761E-21	1.838E-38	0.	5.711E-80	5.961E-11	1.760E-18	8.827E-73
9.000E+02	4.353E-62	1.952E-18	5.158E-36	0.	2.534E-59	5.748E-10	1.760E-18	3.738E-63
1.000E+03	3.693E-54	1.750E-16	3.288E-34	0.	2.470E-60	6.149E-09	1.760E-18	7.967E-55
1.100E+03	1.206E-47	8.640E-15	9.695E-33	0.	5.959E-53	4.798E-08	1.760E-18	5.639E-48
1.200E+03	3.299E-42	2.042E-13	1.631E-31	0.	8.487E-47	2.661E-07	1.760E-18	2.886E-42
1.300E+03	1.334E-37	2.972E-12	1.784E-30	0.	1.345E-41	1.132E-06	1.760E-18	1.948E-37
1.400E+03	1.198E-33	2.953E-11	1.391E-29	0.	3.957E-37	3.908E-06	1.760E-18	2.675E-33
1.500E+03	3.224E-30	2.162E-10	8.271E-25	0.	2.911E-33	1.142E-05	1.760E-18	1.028E-29
1.600E+03	3.270E-27	1.235E-09	3.945E-28	0.	7.026E-30	2.914E-05	1.760E-18	1.404E-26
1.700E+03	1.478E-24	5.747E-09	1.569E-27	0.	6.774E-27	6.650E-05	1.760E-18	8.170E-24
1.800E+03	3.404E-22	2.255E-08	5.368E-27	0.	3.035E-24	1.383E-04	1.763E-18	2.335E-21
1.900E+03	3.729E-20	7.665E-08	1.928E-26	0.	5.987E-22	2.659E-04	2.106E-18	3.077E-19
2.000E+03	6.922E-19	2.305E-07	2.265E-25	0.	1.875E-20	4.785E-04	1.62E-18	6.692E-18
2.100E+03	5.214E-18	6.243E-07	3.947E-24	0.	2.253E-19	8.180E-04	6.496E-17	5.776E-17
2.200E+03	3.052E-17	1.544E-06	9.712E-23	5.853E-88	2.005E-18	1.315E-03	4.144E-16	3.601E-16
2.300E+03	1.525E-16	3.529E-06	6.599E-22	4.769E-84	1.461E-17	2.087E-03	2.249E-15	2.100E-15
2.400E+03	6.678E-16	7.525E-06	6.258E-21	1.839E-80	8.992E-17	3.038E-03	1.078E-14	1.003E-14
2.500E+03	2.607E-15	1.510E-05	4.947E-20	3.668E-77	4.786E-16	4.381E-03	4.521E-14	4.214E-14
2.600E+03	9.195E-15	2.869E-05	3.337E-19	4.080E-74	2.235E-15	6.133E-03	1.607E-13	1.582E-13
2.700E+03	2.963E-14	5.196E-05	1.954E-18	2.701E-71	9.301E-15	8.358E-03	5.754E-13	5.370E-13
2.800E+03	8.804E-14	9.010E-05	1.008E-17	1.125E-68	3.491E-14	1.112E-02	1.787E-12	1.664E-12
2.900E+03	2.433E-13	1.503E-04	4.641E-17	3.091E-66	1.194E-13	1.447E-02	5.121E-12	4.766E-12
3.000E+03	6.298E-13	2.420E-04	1.929E-16	5.841E-64	3.753E-13	1.846E-02	1.365E-11	1.267E-11
3.100E+03	1.536E-12	3.774E-04	7.310E-16	7.866E-62	1.095E-12	2.311E-02	3.408E-11	3.154E-11
3.200E+03	3.552E-12	5.717E-04	2.547E-15	7.802E-60	2.981E-12	2.845E-02	8.014E-11	7.386E-11
3.300E+03	7.818E-12	8.432E-04	8.183E-15	5.852E-58	7.620E-12	3.448E-02	1.784E-10	1.637E-10
3.400E+03	1.646E-11	1.214E-03	2.473E-14	3.402E-56	1.839E-11	4.128E-02	3.778E-10	3.448E-10
3.500E+03	3.325E-11	1.708E-03	6.979E-14	1.567E-54	4.212E-11	4.851E-02	7.639E-10	6.931E-10
3.600E+03	6.468E-11	2.354E-03	1.857E-13	5.836E-53	9.189E-11	5.643E-02	1.480E-09	1.335E-09
3.700E+03	1.215E-10	3.183E-03	4.682E-13	1.786E-51	1.917E-10	6.484E-02	2.759E-09	2.470E-09
3.800E+03	2.212E-10	4.228E-03	1.123E-12	4.565E-50	3.838E-10	7.348E-02	4.957E-09	4.404E-09
3.900E+03	3.907E-10	5.524E-03	2.570E-12	9.867E-49	7.394E-10	8.283E-02	8.611E-09	7.587E-09
4.000E+03	6.715E-10	7.107E-03	5.637E-12	1.828E-47	1.375E-09	9.219E-02	1.450E-08	1.266E-08
4.100E+03	1.125E-09	9.012E-03	1.188E-11	2.934E-46	2.473E-09	1.016E-01	2.370E-08	2.050E-08
4.200E+03	1.840E-09	1.127E-02	2.414E-11	4.122E-45	4.313E-09	1.111E-01	3.771E-08	3.229E-08
4.300E+03	2.944E-09	1.393E-02	4.738E-11	5.120E-44	7.310E-09	1.203E-01	5.849E-08	4.954E-08
4.400E+03	4.614E-09	1.701E-02	9.015E-11	5.666E-43	1.206E-08	1.293E-01	8.859E-08	7.417E-08
4.500E+03	7.090E-09	2.054E-02	1.661E-10	5.631E-42	1.940E-08	1.379E-01	1.312E-07	1.085E-07
4.600E+03	1.070E-08	2.455E-02	2.979E-10	5.061E-41	3.048E-08	1.461E-01	1.903E-07	1.554E-07
4.700E+03	1.587E-08	2.906E-02	5.204E-10	4.140E-40	4.684E-08	1.537E-01	2.707E-07	2.181E-07
4.800E+03	2.317E-08	3.408E-02	8.870E-10	3.101E-39	7.050E-08	1.686E-01	3.780E-07	3.003E-07
4.900E+03	3.332E-08	3.963E-02	1.477E-09	2.138E-38	1.041E-07	1.668E-01	5.187E-07	4.061E-07
5.000E+03	4.723E-08	4.571E-02	2.408E-09	1.364E-37	1.508E-07	1.723E-01	7.005E-07	5.400E-07
5.100E+03	6.605E-08	5.232E-02	3.844E-09	8.085E-37	2.147E-07	1.770E-01	9.315E-07	7.066E-07
5.200E+03	9.121E-08	5.946E-02	6.021E-09	4.474E-36	3.007E-07	1.820E-01	1.221E-06	9.108E-07
5.300E+03	1.244E-07	6.711E-02	9.260E-09	2.319E-35	4.147E-07	1.841E-01	1.579E-06	1.157E-06
5.400E+03	1.679E-07	7.526E-02	1.400E-08	1.131E-34	5.636E-07	1.864E-01	2.015E-06	1.451E-06
5.500E+03	2.240E-07	8.389E-02	2.082E-08	5.202E-34	7.554E-07	1.879E-01	2.541E-06	1.797E-06
5.600E+03	2.959E-07	9.297E-02	3.050E-08	2.265E-33	9.994E-07	1.887E-01	3.168E-06	2.198E-06
5.700E+03	3.872E-07	1.025E-01	4.403E-08	9.362E-33	1.306E-06	1.887E-01	3.904E-06	2.658E-06
5.800E+03	5.019E-07	1.124E-01	6.268E-08	3.683E-32	1.686E-06	1.880E-01	4.767E-06	3.180E-06
5.900E+03	6.450E-07	1.226E-01	8.808E-08	1.382E-31	2.154E-06	1.867E-01	5.761E-06	3.765E-06
6.000E+03	8.221E-07	1.332E-01	1.222E-07	4.960E-31	2.722E-06	1.848E-01	6.897E-06	4.416E-06
6.100E+03	1.040E-06	1.440E-01	1.676E-07	1.706E-30	3.405E-06	1.823E-01	8.183E-06	5.132E-06
6.200E+03	1.305E-06	1.550E-01	2.272E-07	5.634E-30	4.220E-06	1.793E-01	9.627E-06	5.912E-06
6.300E+03	1.627E-06	1.662E-01	3.047E-07	1.790E-29	5.183E-06	1.759E-01	1.123E-05	6.755E-06
6.400E+03	2.014E-06	1.776E-01	4.043E-07	5.481E-29	6.312E-06	1.720E-01	1.301E-05	7.658E-06
6.500E+03	2.478E-06	1.890E-01	5.313E-07	1.620E-28	7.624E-06	1.678E-01	1.495E-05	8.617E-06
6.600E+03	3.031E-06	2.005E-01	6.915E-07	4.629E-28	9.140E-06	1.693E-01	1.705E-05	9.629E-06
6.700E+03	3.686E-06	2.120E-01	8.918E-07	1.280E-27	1.088E-05	1.586E-01	1.932E-05	1.069E-05
6.800E+03	4.459E-06	2.234E-01	1.140E-06	3.433E-27	1.286E-05	1.536E-01	2.175E-05	1.179E-05
6.900E+03	5.366E-06	2.347E-01	1.445E-06	8.935E-27	1.510E-05	1.485E-01	2.433E-05	1.293E-05
7.000E+03	6.426E-06	2.459E-01	1.817E-06	2.259E-26	1.762E-05	1.433E-01	2.705E-05	1.410E-05
7.100E+03	7.661E-06	2.569E-01	2.266E-06	5.558E-26	2.045E-05	1.380E-01	2.990E-05	1.530E-05
7.200E+03	9.094E-06	2.677E-01	2.805E-06	1.332E-25	2.360E-05	1.327E-01	3.286E-05	1.652E-05
7.300E+03	1.075E-05	2.783E-01	3.448E-06	3.109E-25	2.710E-05	1.273E-01	3.592E-05	1.775E-05
7.400E+03	1.266E-05	2.887E-01	4.207E-06	7.083E-25	3.096E-05	1.220E-01	3.906E-05	1.900E-05
7.500E+03	1.486E-05	2.987E-01	5.100E-06	1.576E-24	3.521E-05	1.168E-01	4.226E-05	2.025E-05
7.600E+03	1.737E-05	3.085E-01	6.141E-06	3.426E-24	3.988E-05	1.116E-01	4.550E-05	2.150E-05
7.700E+03	2.025E-05	3.179E-01	7.348E-06	7.287E-24	4.494E-05	1.066E-01	4.877E-05	2.274E-05
7.800E+03	2.353E-05	3.271E-01	8.739E-06	1.517E-23	5.054E-05	1.016E-01	5.204E-05	2.399E-05
7.900E+03	2.726E-05	3.359E-01	1.033E-05	3.094E-23	5.659E-05	9.685E-02	5.529E-05	2.522E-05
8.000E+03	3.150E-05	3.443E-01	1.215E-05	6.187E-23	6.314E-05	9.220E-02	5.852E-05	2.645E-05
8.200E+03	4.172E-05	3.602E-01	1.652E-05	2.337E-22	7.790E-05	8.389E-02	6.480E-05	2.887E-05
8.400E+03	5.474E-05	3.747E-01	2.201E-05	8.218E-22	9.503E-05	7.526E-02	7.076E-05	3.124E-05



Table II. - Continued.

P/P0 = 4.03E+03

C	C+	C++	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	1.009E-66	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.932E-42	2.324E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	8.204E-30	8.878E-62	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	2.171E-22	2.250E-49	1.000E+00	0.	5.000E+02
9.647E-83	9.763E-84	0.	0.	1.843E-17	3.635E-41	1.000E+00	0.	6.000E+02
7.090E-69	8.515E-71	0.	0.	6.396E-14	3.964E-35	1.000E+00	0.	7.000E+02
1.349E-58	2.467E-61	0.	0.	2.498E-11	5.540E-31	1.000E+00	2.248E-80	8.000E+02
1.834E-51	1.062E-55	0.	0.	9.535E-10	5.720E-29	1.000E+00	2.029E-70	9.000E+02
4.552E-46	8.118E-52	0.	4.647E-91	1.220E-08	7.897E-28	1.000E+00	4.457E-63	1.000E+03
1.136E-41	1.127E-48	0.	7.960E-81	9.587E-03	6.342E-27	1.000E+00	4.136E-57	1.100E+03
5.240E-38	4.585E-40	0.	2.676E-72	5.321E-07	3.584E-26	1.000E+00	3.870E-52	1.200E+03
6.616E-35	7.734E-44	0.	4.388E-65	2.266E-06	1.552E-25	1.000E+00	6.225E-48	1.300E+03
3.017E-32	6.181E-42	0.	6.701E-59	7.817E-05	5.430E-23	1.000E+00	2.511E-44	1.400E+03
6.092E-30	2.764E-40	2.56E-95	1.532E-53	2.294E-05	1.620E-24	1.000E+00	3.349E-41	1.500E+03
6.542E-28	7.710E-39	1.091E-91	7.483E-49	5.828E-03	4.202E-24	9.999E-01	1.818E-36	1.600E+02
3.827E-26	1.458E-37	1.745E-88	1.026E-44	1.230E-04	9.745E-24	9.999E-01	4.703E-36	1.700E+03
1.465E-24	1.996E-36	1.238E-85	4.868E-41	2.766E-04	2.063E-23	9.996E-01	6.545E-34	1.800E+03
3.825E-23	2.800E-35	6.296E-83	7.939E-38	5.320E-04	4.815E-23	9.992E-01	5.451E-32	1.900E+03
7.211E-22	8.900E-34	2.362E-79	1.664E-37	5.572E-04	3.830E-22	9.980E-01	2.909E-30	2.000E+03
1.028E-20	4.265E-32	1.429E-75	1.118E-33	1.627E-03	4.688E-21	9.976E-01	1.063E-28	2.100E+03
1.152E-19	1.549E-30	4.542E-72	4.758E-32	2.631E-02	4.915E-20	9.961E-01	2.801E-27	2.200E+03
1.045E-18	4.157E-29	7.303E-69	1.448E-30	4.077E-03	4.237E-19	9.939E-01	5.553E-26	2.300E+03
7.909E-18	8.500E-28	6.369E-66	3.308E-29	6.083E-03	3.354E-18	9.909E-01	8.541E-25	2.400E+03
5.086E-17	1.367E-26	3.244E-63	5.878E-28	8.778E-03	1.879E-17	9.858E-01	1.065E-23	2.500E+03
2.835E-16	1.770E-25	1.024E-60	8.365E-27	1.229E-02	1.305E-16	9.815E-01	1.048E-22	2.600E+03
1.391E-15	1.910E-24	2.112E-58	9.772E-25	1.677E-02	4.726E-16	9.748E-01	9.359E-22	2.700E+03
6.091E-15	1.728E-23	2.979E-56	9.569E-25	2.233E-02	1.998E-15	9.665E-01	6.895E-21	2.800E+03
2.403E-14	1.351E-22	2.989E-54	7.998E-24	2.909E-02	7.618E-15	9.563E-01	4.424E-20	2.900E+03
8.686E-14	9.154E-22	2.208E-52	5.797E-23	3.715E-02	2.652E-14	9.442E-01	2.504E-19	3.000E+03
2.882E-13	5.523E-21	1.236E-50	3.693E-22	4.660E-02	8.505E-14	9.299E-01	1.266E-18	3.100E+03
8.869E-13	2.959E-20	5.385E-49	2.093E-21	5.748E-02	2.331E-13	9.135E-01	5.776E-18	3.200E+03
2.548E-12	1.439E-19	1.867E-47	1.067E-20	6.980E-02	7.034E-13	8.949E-01	2.400E-17	3.300E+03
6.873E-12	6.360E-19	5.253E-46	4.931E-20	8.357E-02	1.837E-12	8.740E-01	9.154E-17	3.400E+03
1.751E-11	2.581E-18	1.223E-44	2.086E-19	9.873E-02	4.530E-12	8.510E-01	3.229E-16	3.500E+03
4.230E-11	9.687E-18	2.390E-43	8.130E-19	1.152E-01	1.050E-11	8.260E-01	1.050E-15	3.600E+03
9.736E-11	3.283E-17	3.978E-42	2.940E-19	1.329E-01	2.362E-11	7.991E-01	3.255E-15	3.700E+03
2.143E-10	1.106E-16	5.711E-41	9.917E-18	1.315E-01	5.332E-11	7.705E-01	9.404E-15	3.800E+03
4.524E-10	3.386E-16	7.156E-40	3.138E-17	1.712E-01	1.029E-10	7.404E-01	2.568E-14	3.900E+03
9.194E-10	9.884E-16	7.389E-39	9.356E-17	1.915E-01	2.024E-10	7.092E-01	5.535E-14	4.000E+03
1.803E-09	2.726E-15	7.765E-38	2.641E-16	2.123E-01	3.841E-10	6.771E-01	1.642E-13	4.100E+03
3.421E-09	7.160E-15	6.845E-37	7.080E-16	2.334E-01	7.053E-10	6.443E-01	3.675E-13	4.200E+03
6.296E-09	1.797E-14	5.456E-36	1.810E-15	2.546E-01	1.255E-09	5.112E-01	8.766E-13	4.300E+03
1.126E-08	4.325E-14	3.959E-35	4.428E-15	2.756E-01	2.172E-09	5.780E-01	1.907E-12	4.400E+03
1.960E-08	1.001E-13	2.632E-34	1.039E-14	2.964E-01	6.566E-09	5.451E-01	4.002E-12	4.500E+03
3.330E-08	2.233E-13	1.612E-33	2.346E-14	3.167E-01	6.004E-09	5.127E-01	8.117E-12	4.600E+03
5.526E-08	4.915E-13	9.152E-32	5.108E-14	3.364E-01	9.631E-09	4.809E-01	1.595E-11	4.700E+03
8.975E-08	1.006E-12	4.936E-32	1.075E-13	3.553E-01	1.512E-08	4.501E-01	3.043E-11	4.800E+03
1.428E-07	2.038E-12	2.390E-31	2.192E-13	3.733E-01	2.324E-08	4.202E-01	5.648E-11	4.900E+03
2.230E-07	4.701E-12	1.109E-30	4.339E-13	3.904E-01	3.506E-08	3.916E-01	1.022E-10	5.000E+03
3.421E-07	7.705E-12	4.850E-30	8.532E-13	4.064E-01	5.195E-08	3.642E-01	1.804E-10	5.100E+03
5.150E-07	1.443E-11	2.007E-29	1.566E-12	4.214E-01	7.570E-08	3.382E-01	3.114E-10	5.200E+03
7.663E-07	2.640E-11	7.381E-29	2.864E-12	4.353E-01	1.036E-07	3.136E-01	5.254E-10	5.300E+03
1.121E-06	4.725E-11	2.946E-28	5.118E-12	4.480E-01	1.535E-07	2.903E-01	8.726E-10	5.400E+03
1.619E-06	8.285E-11	1.051E-27	8.949E-12	4.597E-01	2.139E-07	2.683E-01	1.420E-09	5.500E+03
2.306E-06	1.431E-10	3.573E-27	1.533E-11	4.733E-01	2.943E-07	2.480E-01	2.271E-09	5.600E+03
3.246E-06	2.419E-10	1.175E-26	2.575E-11	4.799E-01	4.001E-07	2.289E-01	3.575E-09	5.700E+03
4.516E-06	4.018E-10	3.701E-26	4.247E-11	4.894E-01	5.375E-07	2.112E-01	5.539E-09	5.800E+03
6.217E-06	6.566E-10	1.123E-25	6.884E-11	4.960E-01	7.144E-07	1.946E-01	8.464E-09	5.900E+03
8.471E-06	1.057E-09	3.267E-25	1.098E-10	5.027E-01	9.399E-07	1.793E-01	1.276E-08	6.000E+03
1.143E-05	1.676E-09	9.305E-25	1.725E-10	5.036E-01	1.725E-06	1.651E-01	1.401E-08	6.100E+03
1.529E-05	2.621E-09	2.351E-24	2.666E-10	5.155E-01	1.501E-06	1.520E-01	2.797E-08	6.200E+03
2.027E-05	4.047E-09	6.786E-24	4.072E-10	5.180E-01	2.023E-06	1.399E-01	4.072E-08	6.300E+03
2.667E-05	6.171E-09	1.753E-23	6.143E-10	5.216E-01	2.568E-06	1.287E-01	5.866E-08	6.400E+03
3.481E-05	9.297E-09	4.405E-23	9.146E-10	5.246E-01	3.235E-06	1.185E-01	8.368E-08	6.500E+03
4.512E-05	1.385E-08	1.078E-22	1.346E-09	5.271E-01	4.044E-06	1.090E-01	1.183E-07	6.600E+03
5.808E-05	2.041E-08	2.571E-22	1.959E-09	5.290E-01	5.019E-06	1.003E-01	1.657E-07	6.700E+03
7.427E-05	2.977E-08	5.985E-22	2.823E-09	5.305E-01	6.188E-06	9.237E-02	2.304E-07	6.800E+03
9.439E-05	4.299E-08	1.361E-21	4.027E-09	5.316E-01	7.580E-06	8.504E-02	3.177E-07	6.900E+03
1.193E-04	6.149E-08	3.027E-21	5.693E-09	5.323E-01	9.228E-06	7.832E-02	4.350E-07	7.000E+03
1.499E-04	8.715E-08	6.588E-21	7.976E-09	5.327E-01	1.117E-05	7.216E-02	5.914E-07	7.100E+03
1.873E-04	1.224E-07	1.404E-20	1.108E-08	5.328E-01	1.344E-05	6.651E-02	7.987E-07	7.200E+03
2.329E-04	1.706E-07	2.934E-20	1.528E-08	5.327E-01	1.608E-05	6.132E-02	1.072E-06	7.300E+03
2.882E-04	2.356E-07	6.011E-20	2.090E-08	5.323E-01	1.914E-05	5.657E-02	1.430E-06	7.400E+03
3.530E-04	3.230E-07	1.209E-19	2.840E-08	5.318E-01	2.255E-05	5.222E-02	1.847E-06	7.500E+03
4.353E-04	4.394E-07	2.384E-19	3.832E-08	5.310E-01	2.670E-05	4.823E-02	2.502E-06	7.600E+03
5.314E-04	5.932E-07	4.634E-19	5.137E-08	5.302E-01	3.132E-05	4.457E-02	3.283E-06	7.700E+03
6.461E-04	7.953E-07	8.842E-19	6.845E-08	5.292E-01	3.656E-05	4.121E-02	4.285E-06	7.800E+03
7.825E-04	1.059E-06	1.660E-18	9.066E-08	5.282E-01	4.248E-05	3.813E-02	5.345E-06	7.900E+03
9.439E-04	1.400E-06	3.066E-18	1.194E-07	5.270E-01	4.915E-05	3.531E-02	7.193E-06	8.000E+03
1.358E-03	2.398E-06	9.997E-18	2.038E-07	5.244E-01	6.498E-05	3.033E-02	1.185E-05	8.200E+03
1.926E-03	4.008E-06	3.075E-17	3.408E-07	5.216E-01	8.456E-05	2.614E-02	1.916E-05	8.400E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.600E+03	7.118E-05	3.880E-01	2.880E-05	2.705E-21	1.148E-04	6.784E-02	7.634E-05	2.356E-09
8.800E+03	9.180E-05	4.001E-01	3.705E-05	8.371E-21	1.374E-04	6.111E-07	8.146E-05	3.583E-05
9.000E+03	1.175E-04	4.111E-01	4.692E-05	2.447E-20	1.632E-04	5.507E-01	8.612E-05	3.807E-05
9.200E+03	1.492E-04	4.211E-01	5.860E-05	6.787E-20	1.924E-04	4.967E-02	9.033E-05	4.027E-05
9.400E+03	1.883E-04	4.304E-01	7.227E-05	1.793E-19	2.254E-04	4.486E-02	9.413E-05	4.246E-05
9.600E+03	2.358E-04	4.391E-01	8.814E-05	4.528E-19	2.625E-04	4.060E-02	9.758E-05	4.465E-05
9.800E+03	2.935E-04	4.472E-01	1.064E-04	1.097E-18	3.039E-04	3.689E-02	1.007E-04	4.685E-05
1.000E+04	3.627E-04	4.550E-01	1.274E-04	2.561E-18	3.500E-04	3.754E-02	1.037E-04	4.907E-05
1.020E+04	4.454E-04	4.626E-01	1.513E-04	5.772E-18	4.011E-04	3.064E-02	1.066E-04	5.133E-05
1.040E+04	5.432E-04	4.701E-01	1.786E-04	1.260E-17	4.574E-04	2.889E-02	1.095E-04	5.362E-05
1.060E+04	6.582E-04	4.777E-01	2.096E-04	2.674E-17	5.192E-04	2.586E-02	1.125E-04	5.595E-05
1.080E+04	7.922E-04	4.853E-01	2.449E-04	5.523E-17	5.865E-04	2.790E-02	1.157E-04	5.832E-05
1.100E+04	9.473E-04	4.931E-01	2.849E-04	1.114E-16	6.596E-04	2.217E-02	1.190E-04	6.072E-05
1.120E+04	1.125E-03	5.010E-01	3.302E-04	2.195E-16	7.383E-04	2.065E-02	1.227E-04	6.312E-05
1.140E+04	1.328E-03	5.091E-01	3.816E-04	4.239E-16	8.225E-04	1.931E-02	1.267E-04	6.552E-05
1.160E+04	1.557E-03	5.173E-01	4.397E-04	8.029E-16	9.119E-04	1.811E-02	1.310E-04	6.787E-05
1.180E+04	1.815E-03	5.256E-01	5.053E-04	1.493E-15	1.006E-03	1.703E-02	1.357E-04	7.015E-05
1.200E+04	2.102E-03	5.338E-01	5.792E-04	2.730E-15	1.105E-03	1.605E-02	1.406E-04	7.232E-05
1.220E+04	2.421E-03	5.419E-01	6.622E-04	4.909E-15	1.208E-03	1.516E-02	1.459E-04	7.436E-05
1.240E+04	2.773E-03	5.498E-01	7.552E-04	8.690E-15	1.314E-03	1.434E-02	1.515E-04	7.623E-05
1.260E+04	3.159E-03	5.574E-01	8.590E-04	1.515E-14	1.423E-03	1.358E-02	1.573E-04	7.791E-05
1.280E+04	3.581E-03	5.647E-01	9.746E-04	2.604E-14	1.535E-03	1.288E-02	1.633E-04	7.946E-05
1.300E+04	4.041E-03	5.717E-01	1.103E-03	4.412E-14	1.647E-03	1.221E-02	1.694E-04	8.059E-05
1.320E+04	4.538E-03	5.782E-01	1.244E-03	7.375E-14	1.761E-03	1.159E-02	1.757E-04	8.158E-05
1.340E+04	5.075E-03	5.842E-01	1.401E-03	1.216E-13	1.875E-03	1.100E-02	1.821E-04	8.232E-05
1.360E+04	5.653E-03	5.898E-01	1.572E-03	1.981E-13	1.989E-03	1.045E-02	1.886E-04	8.282E-05
1.380E+04	6.274E-03	5.948E-01	1.760E-03	3.186E-13	2.102E-03	9.928E-03	1.951E-04	8.308E-05
1.400E+04	6.937E-03	5.994E-01	1.966E-03	5.063E-13	2.214E-03	9.418E-03	2.016E-04	8.312E-05
1.420E+04	7.645E-03	6.035E-01	2.190E-03	7.953E-13	2.324E-03	8.944E-03	2.081E-04	8.294E-05
1.440E+04	8.399E-03	6.072E-01	2.433E-03	1.235E-12	2.433E-03	8.494E-03	2.146E-04	8.257E-05
1.460E+04	9.198E-03	6.104E-01	2.696E-03	1.898E-12	2.539E-03	8.067E-03	2.211E-04	8.201E-05
1.480E+04	1.005E-02	6.132E-01	2.982E-03	2.886E-12	2.643E-03	7.663E-03	2.275E-04	8.130E-05
1.500E+04	1.094E-02	6.156E-01	3.289E-03	4.344E-12	2.745E-03	7.280E-03	2.339E-04	8.043E-05
1.520E+04	1.189E-02	6.177E-01	3.621E-03	6.475E-12	2.843E-03	6.918E-03	2.402E-04	7.944E-05
1.540E+04	1.288E-02	6.194E-01	3.977E-03	9.559E-12	2.939E-03	6.574E-03	2.465E-04	7.833E-05
1.560E+04	1.393E-02	6.207E-01	4.359E-03	1.399E-11	3.032E-03	6.250E-03	2.527E-04	7.712E-05
1.580E+04	1.503E-02	6.218E-01	4.769E-03	2.028E-11	3.122E-03	5.942E-03	2.589E-04	7.583E-05
1.600E+04	1.618E-02	6.226E-01	5.206E-03	2.916E-11	3.208E-03	5.652E-03	2.649E-04	7.446E-05
1.620E+04	1.736E-02	6.232E-01	5.673E-03	4.158E-11	3.292E-03	5.377E-03	2.709E-04	7.304E-05
1.640E+04	1.864E-02	6.235E-01	6.171E-03	5.881E-11	3.372E-03	5.117E-03	2.769E-04	7.156E-05
1.660E+04	1.996E-02	6.235E-01	6.700E-03	8.256E-11	3.448E-03	4.871E-03	2.827E-04	7.005E-05
1.680E+04	2.133E-02	6.234E-01	7.262E-03	1.150E-10	3.521E-03	4.639E-03	2.884E-04	6.850E-05
1.700E+04	2.275E-02	6.231E-01	7.857E-03	1.591E-10	3.591E-03	4.418E-03	2.941E-04	6.693E-05
1.720E+04	2.423E-02	6.226E-01	8.488E-03	2.186E-10	3.659E-03	4.210E-03	2.996E-04	6.534E-05
1.740E+04	2.576E-02	6.219E-01	9.155E-03	2.982E-10	3.720E-03	4.013E-03	3.050E-04	6.373E-05
1.760E+04	2.736E-02	6.210E-01	9.859E-03	4.042E-10	3.783E-03	3.826E-03	3.103E-04	6.212E-05
1.780E+04	2.900E-02	6.200E-01	1.060E-02	5.444E-10	3.835E-03	3.648E-03	3.155E-04	6.050E-05
1.800E+04	3.071E-02	6.189E-01	1.138E-02	7.288E-10	3.887E-03	3.480E-03	3.206E-04	5.889E-05
1.820E+04	3.247E-02	6.176E-01	1.221E-02	9.698E-10	3.936E-03	3.320E-03	3.256E-04	5.728E-05
1.840E+04	3.429E-02	6.162E-01	1.307E-02	1.283E-09	3.981E-03	3.169E-03	3.304E-04	5.568E-05
1.860E+04	3.616E-02	6.146E-01	1.397E-02	1.688E-09	4.023E-03	3.025E-03	3.350E-04	5.409E-05
1.880E+04	3.809E-02	6.129E-01	1.492E-02	2.209E-09	4.061E-03	2.888E-03	3.395E-04	5.251E-05
1.900E+04	4.008E-02	6.111E-01	1.592E-02	2.875E-09	4.095E-03	2.758E-03	3.439E-04	5.095E-05
1.920E+04	4.212E-02	6.092E-01	1.695E-02	3.723E-09	4.126E-03	2.634E-03	3.481E-04	4.941E-05
1.940E+04	4.421E-02	6.071E-01	1.803E-02	4.797E-09	4.153E-03	2.516E-03	3.521E-04	4.788E-05
1.960E+04	4.636E-02	6.050E-01	1.916E-02	6.151E-09	4.177E-03	2.404E-03	3.559E-04	4.638E-05
1.980E+04	4.857E-02	6.027E-01	2.034E-02	7.850E-09	4.198E-03	2.297E-03	3.595E-04	4.489E-05
2.000E+04	5.082E-02	6.003E-01	2.156E-02	9.973E-09	4.215E-03	2.185E-03	3.629E-04	4.343E-05
2.020E+04	5.314E-02	5.978E-01	2.283E-02	1.261E-08	4.228E-03	2.097E-03	3.662E-04	4.199E-05
2.040E+04	5.550E-02	5.953E-01	2.415E-02	1.588E-08	4.239E-03	2.004E-03	3.692E-04	4.058E-05
2.060E+04	5.791E-02	5.926E-01	2.551E-02	1.992E-08	4.246E-03	1.915E-03	3.720E-04	3.920E-05
2.080E+04	6.038E-02	5.898E-01	2.693E-02	2.488E-08	4.250E-03	1.830E-03	3.746E-04	3.784E-05
2.100E+04	6.287E-02	5.869E-01	2.839E-02	3.094E-08	4.250E-03	1.749E-03	3.769E-04	3.650E-05
2.120E+04	6.546E-02	5.840E-01	2.990E-02	3.834E-08	4.248E-03	1.672E-03	3.791E-04	3.520E-05
2.140E+04	6.807E-02	5.809E-01	3.146E-02	4.732E-08	4.242E-03	1.598E-03	3.809E-04	3.392E-05
2.160E+04	7.073E-02	5.777E-01	3.307E-02	5.819E-08	4.234E-03	1.527E-03	3.826E-04	3.267E-05
2.180E+04	7.344E-02	5.745E-01	3.472E-02	7.131E-08	4.223E-03	1.459E-03	3.840E-04	3.145E-05
2.200E+04	7.619E-02	5.712E-01	3.643E-02	8.707E-08	4.208E-03	1.394E-03	3.851E-04	3.026E-05
2.220E+04	7.898E-02	5.677E-01	3.818E-02	1.059E-07	4.191E-03	1.332E-03	3.860E-04	2.909E-05
2.240E+04	8.182E-02	5.643E-01	3.998E-02	1.285E-07	4.172E-03	1.272E-03	3.867E-04	2.796E-05
2.260E+04	8.470E-02	5.607E-01	4.182E-02	1.553E-07	4.149E-03	1.215E-03	3.871E-04	2.685E-05
2.280E+04	8.763E-02	5.570E-01	4.371E-02	1.871E-07	4.124E-03	1.160E-03	3.872E-04	2.578E-05
2.300E+04	9.059E-02	5.533E-01	4.565E-02	2.248E-07	4.097E-03	1.108E-03	3.871E-04	2.473E-05
2.320E+04	9.359E-02	5.495E-01	4.763E-02	2.692E-07	4.067E-03	1.058E-03	3.867E-04	2.372E-05
2.340E+04	9.662E-02	5.456E-01	4.965E-02	3.214E-07	4.035E-03	1.010E-03	3.861E-04	2.273E-05
2.360E+04	9.970E-02	5.416E-01	5.172E-02	3.826E-07	4.001E-03	9.637E-04	3.853E-04	2.177E-05
2.380E+04	1.028E-01	5.376E-01	5.382E-02	4.542E-07	3.965E-03	9.195E-04	3.841E-04	2.084E-05
2.400E+04	1.059E-01	5.335E-01	5.597E-02	5.378E-07	3.927E-03	8.773E-04	3.828E-04	1.994E-05
2.420E+04	1.091E-01	5.294E-01	5.816E-02	6.349E-07	3.887E-03	8.368E-04	3.812E-04	1.907E-05
2.440E+04	1.123E-01	5.252E-01	6.038E-02	7.476E-07	3.845E-03	7.980E-04	3.794E-04	1.823E-05
2.460E+04	1.155E-01	5.209E-01	6.264E-02	8.781E-07	3.801E-03	7.609E-04	3.773E-04	1.741E-05
2.480E+04	1.188E-01	5.165E-01	6.494E-02	1.029E-06	3.756E-03	7.253E-04	3.750E-04	1.662E-05
2.500E+04	1.221E-01	5.122E-01	6.72E-02	1.202E-06	3.710E-03	6.913E-04	3.725E-04	1.586E-05

Table II. - Continued.

C	C+	C++	C-	C0	C0+	C02	C2	T
2.694E-03	6.539E-06	8.955E-17	5.590E-07	5.184E-01	1.084E-04	2.259E-02	3.044E-05	8.600E+03
3.719E-03	1.043E-05	2.477E-16	9.003E-07	5.149E-01	1.370E-04	1.958E-02	4.751E-05	8.800E+03
5.067E-03	1.627E-05	6.525E-16	1.424E-06	5.110E-01	1.709E-04	1.702E-02	7.287E-05	9.00E+03
6.815E-03	2.485E-05	1.642E-15	2.215E-06	5.067E-01	2.104E-04	1.484E-02	1.098E-04	9.200E+02
9.030E-03	3.721E-05	3.955E-15	3.386E-06	5.016E-01	2.559E-04	1.297E-02	1.624E-04	9.400E+03
1.187E-02	5.462E-05	7.147E-15	5.087E-06	4.958E-01	3.077E-04	1.136E-02	2.359E-04	9.600E+03
1.536E-02	7.990E-05	2.033E-14	7.513E-06	4.890E-01	3.658E-04	9.966E-03	3.361E-04	9.800E+03
1.963E-02	1.113E-04	4.362E-14	1.090E-05	4.811E-01	4.303E-04	8.757E-03	4.694E-04	1.000E+04
2.475E-02	1.545E-04	9.032E-14	1.555E-05	4.718E-01	5.308E-04	7.703E-03	6.422E-04	1.020E+04
3.079E-02	2.110E-04	1.809E-13	2.178E-05	4.612E-01	5.769E-04	6.779E-03	8.801E-04	1.040E+04
3.781E-02	2.832E-04	3.512E-13	2.997E-05	4.490E-01	5.579E-04	5.967E-03	1.127E-03	1.060E+04
4.580E-02	3.738E-04	6.619E-13	4.043E-05	4.353E-01	7.432E-04	5.249E-03	1.445E-03	1.080E+04
5.474E-02	4.858E-04	1.213E-12	5.359E-05	4.201E-01	8.516E-04	4.614E-03	1.811E-03	1.100E+04
6.457E-02	6.216E-04	2.164E-12	6.993E-05	4.035E-01	9.220E-04	4.050E-03	2.221E-03	1.120E+04
7.518E-02	7.839E-04	3.767E-12	8.947E-05	3.856E-01	1.013E-03	3.549E-03	2.664E-03	1.140E+04
8.646E-02	9.748E-04	6.404E-12	1.125E-04	3.666E-01	1.104E-03	3.103E-03	3.129E-03	1.160E+04
9.824E-02	1.196E-03	1.065E-11	1.391E-04	3.468E-01	1.193E-03	2.707E-03	3.600E-03	1.180E+04
1.104E-01	1.450E-03	1.734E-11	1.693E-04	3.265E-01	1.279E-03	2.356E-03	4.063E-03	1.200E+04
1.226E-01	1.737E-03	2.768E-11	2.029E-04	3.060E-01	1.361E-03	2.045E-03	4.502E-03	1.220E+04
1.349E-01	2.058E-03	4.339E-11	2.397E-04	2.854E-01	1.438E-03	1.770E-03	4.904E-03	1.240E+04
1.471E-01	2.414E-03	6.685E-11	2.795E-04	2.652E-01	1.509E-03	1.529E-03	5.256E-03	1.260E+04
1.590E-01	2.805E-03	1.013E-10	3.217E-04	2.455E-01	1.574E-03	1.317E-03	5.555E-03	1.280E+04
1.704E-01	3.230E-03	1.512E-10	3.661E-04	2.265E-01	1.632E-03	1.132E-03	5.792E-03	1.300E+04
1.814E-01	3.690E-03	2.224E-10	4.121E-04	2.093E-01	1.683E-03	9.705E-04	9.65E-03	1.320E+04
1.918E-01	4.183E-03	3.226E-10	4.593E-04	1.91E-01	1.726E-03	8.308E-04	6.076E-03	1.340E+04
2.016E-01	4.709E-03	4.622E-10	5.072E-04	1.749E-01	1.762E-03	7.102E-04	6.128E-03	1.360E+04
2.107E-01	5.267E-03	6.540E-10	5.555E-04	1.598E-01	1.792E-03	6.064E-04	6.125E-03	1.380E+04
2.191E-01	5.856E-03	9.149E-10	6.038E-04	1.458E-01	1.815E-03	5.173E-04	6.072E-03	1.400E+04
2.268E-01	6.47E-03	1.266E-09	6.516E-04	1.329E-01	1.831E-03	4.410E-04	5.977E-03	1.420E+04
2.339E-01	7.123E-03	1.734E-09	6.986E-04	1.210E-01	1.842E-03	3.759E-04	5.847E-03	1.440E+04
2.403E-01	7.799E-03	2.353E-09	7.447E-04	1.101E-01	1.847E-03	3.203E-04	5.686E-03	1.460E+04
2.461E-01	8.502E-03	3.163E-09	7.894E-04	1.001E-01	1.848E-03	2.730E-04	5.502E-03	1.480E+04
2.513E-01	9.231E-03	4.215E-09	8.327E-04	9.109E-02	1.844E-03	2.328E-04	5.301E-03	1.500E+04
2.559E-01	9.986E-03	5.571E-09	8.744E-04	8.286E-02	1.837E-03	1.986E-04	5.086E-03	1.520E+04
2.600E-01	1.076E-02	7.353E-09	9.143E-04	7.540E-02	1.826E-03	1.696E-04	4.854E-03	1.540E+04
2.636E-01	1.157E-02	9.509E-09	9.523E-04	6.864E-02	1.812E-03	1.449E-04	4.636E-03	1.560E+04
2.668E-01	1.239E-02	1.229E-08	9.884E-04	6.252E-02	1.795E-03	1.240E-04	4.438E-03	1.580E+04
2.695E-01	1.324E-02	1.578E-08	1.022E-03	5.699E-02	1.776E-03	1.062E-04	4.181E-03	1.600E+04
2.718E-01	1.410E-02	2.012E-08	1.054E-03	5.198E-02	1.755E-03	9.104E-05	3.957E-03	1.620E+04
2.738E-01	1.499E-02	2.551E-08	1.084E-03	4.745E-02	1.732E-03	7.816E-05	3.728E-03	1.640E+04
2.755E-01	1.590E-02	3.214E-08	1.112E-03	4.355E-02	1.708E-03	6.719E-05	3.525E-03	1.660E+04
2.768E-01	1.682E-02	4.027E-08	1.138E-03	3.965E-02	1.682E-03	5.784E-05	3.320E-03	1.680E+04
2.779E-01	1.776E-02	5.019E-08	1.161E-03	3.629E-02	1.656E-03	4.946E-05	3.122E-03	1.700E+04
2.787E-01	1.872E-02	6.222E-08	1.183E-03	3.325E-02	1.629E-03	4.304E-05	2.933E-03	1.720E+04
2.793E-01	1.969E-02	7.676E-08	1.202E-03	3.049E-02	1.601E-03	3.721E-05	2.752E-03	1.740E+04
2.797E-01	2.068E-02	9.473E-08	1.219E-03	2.799E-02	1.572E-03	3.220E-05	2.581E-03	1.760E+04
2.799E-01	2.167E-02	1.151E-07	1.235E-03	2.571E-02	1.543E-03	2.791E-05	2.417E-03	1.780E+04
2.799E-01	2.269E-02	1.401E-07	1.248E-03	2.365E-02	1.513E-03	2.423E-05	2.263E-03	1.800E+04
2.797E-01	2.371E-02	1.697E-07	1.259E-03	2.176E-02	1.483E-03	2.105E-05	2.117E-03	1.820E+04
2.794E-01	2.474E-02	2.047E-07	1.269E-03	2.005E-02	1.453E-03	1.832E-05	1.979E-03	1.840E+04
2.790E-01	2.578E-02	2.459E-07	1.276E-03	1.849E-02	1.423E-03	1.576E-05	1.849E-03	1.860E+04
2.784E-01	2.683E-02	2.943E-07	1.282E-03	1.706E-02	1.393E-03	1.392E-05	1.727E-03	1.880E+04
2.778E-01	2.788E-02	3.509E-07	1.286E-03	1.576E-02	1.363E-03	1.216E-05	1.612E-03	1.900E+04
2.770E-01	2.895E-02	4.169E-07	1.288E-03	1.455E-02	1.332E-03	1.063E-05	1.504E-03	1.920E+04
2.761E-01	3.001E-02	4.936E-07	1.289E-03	1.347E-02	1.302E-03	9.307E-06	1.402E-03	1.940E+04
2.751E-01	3.108E-02	5.825E-07	1.286E-03	1.247E-02	1.272E-03	8.155E-06	1.307E-03	1.960E+04
2.740E-01	3.215E-02	6.848E-07	1.282E-03	1.155E-02	1.242E-03	7.154E-06	1.219E-03	1.980E+04
2.729E-01	3.323E-02	8.027E-07	1.282E-03	1.070E-02	1.213E-03	6.281E-06	1.135E-03	2.000E+04
2.717E-01	3.430E-02	9.331E-07	1.277E-03	9.928E-03	1.183E-03	5.520E-06	1.057E-03	2.020E+04
2.704E-01	3.538E-02	1.093E-06	1.270E-03	9.213E-03	1.154E-03	4.856E-06	9.847E-04	2.040E+04
2.691E-01	3.645E-02	1.270E-06	1.263E-03	8.554E-03	1.125E-03	4.275E-06	9.167E-04	2.060E+04
2.677E-01	3.752E-02	1.471E-06	1.254E-03	7.947E-03	1.096E-03	3.763E-06	8.522E-04	2.080E+04
2.663E-01	3.859E-02	1.700E-06	1.244E-03	7.387E-03	1.068E-03	3.323E-06	7.940E-04	2.100E+04
2.648E-01	3.965E-02	1.958E-06	1.233E-03	6.870E-03	1.040E-03	2.933E-06	7.367E-04	2.120E+04
2.633E-01	4.071E-02	2.251E-06	1.221E-03	6.392E-03	1.012E-03	2.590E-06	6.872E-04	2.140E+04
2.617E-01	4.177E-02	2.580E-06	1.208E-03	5.949E-03	9.852E-04	2.290E-06	6.392E-04	2.160E+04
2.601E-01	4.282E-02	2.951E-06	1.195E-03	5.540E-03	9.583E-04	2.025E-06	5.944E-04	2.180E+04
2.585E-01	4.386E-02	3.367E-06	1.181E-03	5.161E-03	9.318E-04	1.792E-06	5.527E-04	2.200E+04
2.569E-01	4.489E-02	3.832E-06	1.166E-03	4.809E-03	9.057E-04	1.587E-06	5.139E-04	2.220E+04
2.552E-01	4.592E-02	4.353E-06	1.150E-03	4.484E-03	8.801E-04	1.407E-06	4.777E-04	2.240E+04
2.535E-01	4.694E-02	4.933E-06	1.134E-03	4.181E-03	8.549E-04	1.247E-06	4.441E-04	2.260E+04
2.517E-01	4.795E-02	5.579E-06	1.117E-03	3.901E-03	8.301E-04	1.107E-06	4.128E-04	2.280E+04
2.500E-01	4.896E-02	6.296E-06	1.100E-03	3.640E-03	8.058E-04	9.823E-07	3.837E-04	2.300E+04
2.482E-01	4.995E-02	7.092E-06	1.082E-03	3.397E-03	7.819E-04	8.724E-07	3.566E-04	2.320E+04
2.464E-01	5.093E-02	7.973E-06	1.064E-03	3.172E-03	7.585E-04	7.751E-07	3.314E-04	2.340E+04
2.446E-01	5.191E-02	8.945E-06	1.046E-03	2.952E-03	7.356E-04	6.890E-07	3.080E-04	2.360E+04
2.428E-01	5.287E-02	1.002E-05	1.027E-03	2.767E-03	7.13E-04	6.128E-07	2.863E-04	2.380E+04
2.410E-01	5.383E-02	1.120E-05	1.008E-03	2.585E-03	6.912E-04	5.452E-07	2.650E-04	2.400E+04
2.391E-01	5.477E-02	1.250E-05	9.892E-04	2.416E-03	6.697E-04	4.853E-07	2.473E-04	2.420E+04
2.373E-01	5.571E-02	1.393E-05	9.700E-04	2.259E-03	6.487E-04	4.321E-07	2.298E-04	2.440E+04
2.354E-01	5.663E-02	1.550E-05	9.508E-04	2.112E-03	6.282E-04	3.849E-07	2.136E-04	2.460E+04
2.336E-01	5.754E-02	1.721E-05	9.315E-04	1.974E-03	6.082E-04	3.430E-07	1.985E-04	2.480E+04
2.317E-01	5.845E-02	1.909E-05	9.122E-04	1.847E-03	5.886E-04	3.058E-07	1.845E-04	2.500E+04

Table II. - Continued.

P/P0 = 5.00E+03

T	E-	U	O+	O++	O-	O2	O2+	O2-
2.000E+02	0.	1.098E-69	0.	0.	0.	5.344E-11	1.760E-18	0.
3.000E+02	0.	4.786E-48	4.685E-82	0.	0.	5.063E-11	1.760E-18	0.
4.000E+02	0.	3.552E-37	1.137E-64	0.	0.	5.410E-11	1.760E-18	0.
5.000E+02	0.	1.148E-30	3.435E-54	0.	0.	4.841E-11	1.760E-18	0.
6.000E+02	0.	2.692E-26	3.219E-47	0.	0.	4.964E-11	1.760E-18	0.
7.000E+02	8.732E-83	3.459E-23	3.310E-42	0.	4.801E-92	4.646E-11	1.760E-18	6.009E-83
8.000E+02	1.089E-71	8.732E-21	1.644E-38	0.	5.110E-80	5.963E-11	1.760E-18	8.812E-73
9.000E+02	3.243E-62	1.685E-18	4.781E-36	0.	2.037E-69	4.887E-10	1.760E-18	3.242E-63
1.000E+03	2.744E-54	1.681E-16	3.052E-24	0.	1.975E-60	5.710E-09	1.760E-18	6.871E-55
1.100E+03	8.964E-48	7.446E-15	8.999E-33	0.	4.767E-53	4.454E-08	1.760E-18	4.860E-48
1.200E+03	2.451E-42	1.760E-13	1.514E-31	0.	6.790E-47	2.470E-07	1.760E-18	2.487E-42
1.300E+03	9.907E-38	2.561E-12	1.656E-30	0.	1.092E-41	1.051E-06	1.760E-18	1.679E-37
1.400E+03	8.899E-34	2.545E-11	1.291E-25	0.	3.166E-37	3.628E-06	1.760E-18	2.305E-33
1.500E+03	2.391E-30	1.863E-10	7.678E-25	0.	2.329E-33	1.750E-05	1.760E-18	8.860E-30
1.600E+03	2.428E-27	1.064E-09	3.662E-28	0.	5.621E-30	2.705E-05	1.760E-18	1.210E-26
1.700E+03	1.098E-24	4.952E-09	1.456E-27	0.	5.419E-27	6.174E-05	1.760E-18	7.042E-24
1.800E+03	2.529E-22	1.943E-08	4.983E-27	0.	2.429E-24	1.284E-04	1.762E-18	2.013E-21
1.900E+03	2.831E-20	6.606E-08	1.752E-26	0.	4.896E-22	2.669E-04	2.060E-18	2.711E-19
2.000E+03	5.525E-19	1.987E-07	1.956E-25	0.	1.612E-20	4.442E-04	8.526E-18	6.198E-18
2.100E+03	4.191E-18	5.381E-07	3.372E-24	0.	1.951E-19	7.548E-04	6.002E-17	5.388E-17
2.200E+03	2.455E-17	1.331E-06	4.811E-23	5.002E-88	1.737E-18	1.221E-03	3.828E-16	3.548E-16
2.300E+03	1.224E-16	3.042E-06	5.669E-22	4.071E-84	1.265E-17	1.891E-03	2.096E-15	1.960E-15
2.400E+03	5.367E-16	6.487E-06	5.369E-21	1.571E-80	7.793E-17	2.821E-03	9.969E-15	9.356E-15
2.500E+03	2.095E-15	1.302E-05	4.246E-20	3.134E-77	4.144E-16	4.070E-03	4.181E-14	3.932E-14
2.600E+03	7.388E-15	2.474E-05	2.865E-19	3.488E-74	1.936E-15	5.699E-03	1.568E-13	1.476E-13
2.700E+03	2.380E-14	4.481E-05	1.673E-18	2.310E-71	8.055E-15	7.770E-03	5.327E-13	5.012E-13
2.800E+03	7.073E-14	7.772E-05	8.657E-18	9.623E-69	3.023E-14	1.034E-02	1.655E-12	1.556E-12
2.900E+03	1.955E-13	1.297E-04	3.987E-17	2.645E-60	1.034E-13	1.346E-02	4.746E-12	4.454E-12
3.000E+03	5.060E-13	2.089E-04	1.658E-16	4.998E-64	3.255E-13	1.718E-02	1.266E-11	1.335E-11
3.100E+03	1.234E-12	3.259E-04	6.284E-16	6.732E-62	9.497E-13	2.154E-02	3.162E-11	7.952E-11
3.200E+03	2.854E-12	4.939E-04	2.190E-15	6.579E-60	2.587E-12	2.654E-02	7.441E-11	6.921E-11
3.300E+03	4.284E-12	7.238E-04	7.039E-15	5.011E-58	6.618E-12	3.220E-02	1.658E-10	1.536E-10
3.400E+03	1.323E-11	1.050E-03	2.128E-14	2.915E-56	1.599E-11	3.850E-02	3.514E-10	3.240E-10
3.500E+03	2.674E-11	1.478E-03	6.009E-14	1.343E-54	3.664E-11	4.542E-02	7.114E-10	6.523E-10
3.600E+03	5.203E-11	2.039E-03	1.600E-13	4.901E-53	8.003E-11	5.291E-02	1.380E-09	1.258E-09
3.700E+03	9.781E-11	2.760E-03	4.034E-13	1.530E-51	1.672E-10	6.090E-02	2.577E-09	2.333E-09
3.800E+03	1.781E-10	3.669E-03	9.678E-13	3.911E-50	3.351E-10	6.933E-02	4.635E-09	4.170E-09
3.900E+03	3.147E-10	4.798E-03	2.217E-12	8.455E-49	6.465E-10	7.811E-02	8.065E-09	7.202E-09
4.000E+03	5.411E-10	6.179E-03	4.866E-12	1.566E-47	1.204E-09	8.712E-02	1.360E-08	1.205E-08
4.100E+03	9.070E-10	7.845E-03	1.026E-11	2.514E-46	2.170E-09	9.628E-02	2.228E-08	1.957E-08
4.200E+03	1.485E-09	9.827E-03	2.086E-11	3.532E-45	3.791E-09	1.055E-01	3.551E-08	3.092E-08
4.300E+03	2.377E-09	1.216E-02	4.098E-11	4.388E-44	6.438E-09	1.146E-01	5.519E-08	4.760E-08
4.400E+03	3.727E-09	1.487E-02	7.794E-11	4.857E-43	1.064E-08	1.235E-01	8.377E-08	7.152E-08
4.500E+03	5.732E-09	1.798E-02	1.439E-10	4.827E-42	1.716E-08	1.321E-01	1.243E-07	1.050E-07
4.600E+03	8.657E-09	2.152E-02	2.582E-10	4.318E-41	2.703E-08	1.403E-01	1.808E-07	1.510E-07
4.700E+03	1.285E-08	2.551E-02	4.514E-10	3.48E-40	4.163E-08	1.481E-01	2.577E-07	2.128E-07
4.800E+03	1.878E-08	2.997E-02	7.700E-10	7.657E-39	6.282E-08	1.553E-01	3.607E-07	2.942E-07
4.900E+03	2.703E-08	3.491E-02	1.283E-09	1.831E-38	9.296E-08	1.619E-01	4.963E-07	3.996E-07
5.000E+03	3.832E-08	4.034E-02	2.093E-09	1.168E-37	1.351E-07	1.678E-01	6.718E-07	5.337E-07
5.100E+03	5.370E-08	4.626E-02	3.344E-09	6.921E-37	1.929E-07	1.730E-01	8.956E-07	7.017E-07
5.200E+03	7.424E-08	5.267E-02	5.241E-09	3.828E-36	2.710E-07	1.775E-01	1.177E-06	9.065E-07
5.300E+03	1.014E-07	5.956E-02	8.067E-09	1.984E-35	3.749E-07	1.812E-01	1.526E-06	1.161E-06
5.400E+03	1.370E-07	6.692E-02	1.220E-08	9.665E-35	5.111E-07	1.842E-01	1.953E-06	1.463E-06
5.500E+03	1.830E-07	7.474E-02	1.816E-08	4.444E-34	6.874E-07	1.864E-01	2.469E-06	1.821E-06
5.600E+03	2.421E-07	8.300E-02	2.662E-08	1.934E-33	9.124E-07	1.880E-01	3.086E-06	2.239E-06
5.700E+03	3.172E-07	9.167E-02	3.846E-08	7.986E-33	1.196E-06	1.888E-01	3.816E-06	2.735E-06
5.800E+03	4.118E-07	1.007E-01	5.479E-08	3.139E-32	1.550E-06	1.889E-01	4.670E-06	3.276E-06
5.900E+03	5.300E-07	1.101E-01	7.704E-08	1.177E-31	1.987E-06	1.884E-01	5.659E-06	3.902E-06
6.000E+03	6.765E-07	1.199E-01	1.070E-07	4.221E-31	2.521E-06	1.873E-01	6.794E-06	4.603E-06
6.100E+03	8.569E-07	1.299E-01	1.461E-07	1.450E-30	3.165E-06	1.856E-01	8.084E-06	5.381E-06
6.200E+03	1.077E-06	1.402E-01	1.901E-07	4.786E-30	3.938E-06	1.833E-01	9.539E-06	6.237E-06
6.300E+03	1.345E-06	1.507E-01	2.673E-07	1.519E-29	4.855E-06	1.806E-01	1.116E-05	7.170E-06
6.400E+03	1.668E-06	1.613E-01	3.550E-07	4.649E-29	5.936E-06	1.775E-01	1.297E-05	8.179E-06
6.500E+03	2.055E-06	1.721E-01	4.668E-07	1.373E-28	7.198E-06	1.740E-01	1.495E-05	9.261E-06
6.600E+03	2.518E-06	1.830E-01	6.080E-07	3.920E-28	8.663E-06	1.701E-01	1.711E-05	1.041E-05
6.700E+03	3.066E-06	1.940E-01	7.848E-07	1.084E-27	1.035E-05	1.660E-01	1.945E-05	1.163E-05
6.800E+03	3.714E-06	2.049E-01	1.004E-06	2.904E-27	1.228E-05	1.616E-01	1.97E-05	1.292E-05
6.900E+03	4.476E-06	2.158E-01	1.274E-06	7.555E-27	1.448E-05	1.570E-01	1.466E-05	1.425E-05
7.000E+03	5.369E-06	2.267E-01	1.604E-06	1.910E-26	1.696E-05	1.522E-01	2.751E-05	1.564E-05
7.100E+03	6.409E-06	2.374E-01	2.003E-06	4.697E-26	1.976E-05	1.473E-01	3.052E-05	1.708E-05
7.200E+03	7.617E-06	2.480E-01	2.482E-06	1.125E-25	2.289E-05	1.423E-01	3.367E-05	1.855E-05
7.300E+03	9.016E-06	2.585E-01	3.054E-06	2.627E-25	2.638E-05	1.373E-01	3.694E-05	2.006E-05
7.400E+03	1.063E-05	2.687E-01	3.732E-06	5.987E-25	3.025E-05	1.322E-01	4.032E-05	2.160E-05
7.500E+03	1.249E-05	2.788E-01	4.530E-06	1.332E-24	3.452E-05	1.271E-01	4.379E-05	2.315E-05
7.600E+03	1.462E-05	2.886E-01	5.463E-06	2.899E-24	3.923E-05	1.221E-01	4.733E-05	2.473E-05
7.700E+03	1.705E-05	2.981E-01	6.547E-06	6.169E-24	4.439E-05	1.171E-01	5.093E-05	2.631E-05
7.800E+03	1.983E-05	3.074E-01	7.798E-06	1.285E-23	5.003E-05	1.123E-01	5.456E-05	2.790E-05
7.900E+03	2.299E-05	3.164E-01	9.235E-06	2.624E-23	5.619E-05	1.075E-01	5.820E-05	2.950E-05
8.000E+03	2.657E-05	3.251E-01	1.088E-05	5.253E-23	6.288E-05	1.028E-01	6.184E-05	3.109E-05
8.200E+03	3.523E-05	3.416E-01	1.484E-05	1.989E-22	7.798E-05	9.376E-02	6.902E-05	3.426E-05
8.400E+03	4.625E-05	3.569E-01	1.985E-05	7.017E-22	9.559E-05	8.533E-02	7.597E-05	3.741E-05

Table II. - Continued.

P/P0 = 5.00E+03

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	8.607E-67	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.480E-42	2.189E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	7.170E-30	7.406E-62	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.929E-22	1.974E-49	1.000E+00	0.	5.000E+02
7.782E-83	7.935E-84	0.	0.	1.655E-17	3.290E-41	1.000E+00	0.	6.000E+02
5.733E-69	6.960E-71	0.	0.	5.752E-14	2.785E-35	1.000E+00	0.	7.000E+02
1.079E-58	1.972E-61	0.	0.	2.234E-11	4.953E-31	1.000E+00	1.797E-63	8.000E+02
1.575E-51	9.792E-56	0.	0.	8.838E-10	5.693E-29	1.000E+00	1.881E-70	9.000E+02
3.921E-46	7.530E-52	0.	3.734E-91	1.132E-08	7.892E-28	1.000E+00	4.130E-63	1.000E+03
9.740E-42	1.046E-48	0.	6.366E-81	8.900E-08	6.342E-27	1.000E+00	3.839E-57	1.100E+03
4.515E-38	4.349E-46	0.	2.141E-72	4.940E-07	3.584E-26	1.000E+03	3.593E-52	1.200E+03
5.692E-35	7.180E-44	0.	3.511E-65	2.102E-06	1.552E-25	1.000E+00	5.779E-44	1.300E+03
2.630E-32	5.738E-42	0.	5.361E-59	7.256E-06	5.450E-25	1.000E+00	2.331E-44	1.400E+03
5.250E-30	2.566E-40	2.564E-95	1.225E-53	2.120E-05	1.620E-24	1.000E+00	3.109E-41	1.500E+03
5.466E-28	7.157E-39	1.091E-91	5.987E-49	5.410E-05	4.202E-24	9.999E-01	1.687E-38	1.600E+03
3.298E-26	1.353E-37	1.745E-88	8.207E-45	1.235E-04	9.747E-24	9.998E-01	4.366E-36	1.700E+03
1.263E-24	1.851E-36	1.238E-85	3.896E-41	2.588E-04	2.063E-23	9.996E-01	5.045E-34	1.800E+03
3.297E-23	2.252E-35	6.016E-83	6.492E-38	4.938E-04	4.692E-23	9.993E-01	5.060E-32	1.900E+03
6.215E-22	7.688E-34	2.046E-79	1.431E-35	8.886E-04	3.564E-22	9.987E-01	2.701E-30	2.000E+03
8.861E-21	3.658E-32	1.220E-75	9.800E-34	1.510E-03	4.332E-21	9.977E-01	9.870E-29	2.100E+03
9.928E-20	1.328E-30	3.875E-72	4.122E-32	2.443E-03	4.540E-20	9.963E-01	2.601E-27	2.200E+03
9.018E-19	3.565E-29	6.235E-69	1.254E-31	3.786E-03	3.915E-19	9.943E-01	5.156E-26	2.300E+03
6.817E-18	7.293E-28	5.447E-66	2.864E-29	5.649E-03	2.824E-18	9.915E-01	7.968E-25	2.400E+03
4.384E-17	1.173E-26	2.773E-63	5.089E-24	8.153E-03	1.738E-17	9.878E-01	9.891E-24	2.500E+03
2.444E-16	1.525E-25	8.751E-61	7.242E-27	1.142E-02	9.294E-17	9.829E-01	1.011E-22	2.600E+03
1.199E-15	1.639E-24	1.805E-58	8.460E-25	1.358E-02	4.380E-16	9.766E-01	8.696E-22	2.700E+03
5.252E-15	1.488E-23	2.547E-56	8.286E-23	2.076E-02	1.850E-15	9.688E-01	6.410E-21	2.800E+03
2.077E-14	1.161E-22	2.557E-54	6.927E-24	2.706E-02	7.056E-15	9.593E-01	4.113E-20	2.900E+03
7.493E-14	7.862E-22	1.889E-52	5.022E-23	3.458E-02	2.458E-14	9.480E-01	2.370E-19	3.000E+03
2.487E-13	4.745E-21	1.057E-50	3.201E-22	4.340E-02	7.887E-14	9.347E-01	1.178E-18	3.100E+03
7.656E-13	2.540E-20	4.605E-49	1.815E-21	5.357E-02	2.348E-13	9.194E-01	5.380E-18	3.200E+03
2.200E-12	1.237E-19	1.597E-47	9.254E-21	6.512E-02	6.531E-13	9.020E-01	2.237E-17	3.300E+03
5.938E-12	5.467E-19	4.492E-46	4.281E-20	7.805E-02	1.707E-12	8.824E-01	8.540E-17	3.400E+03
1.513E-11	2.219E-18	1.046E-44	1.812E-19	9.231E-02	4.213E-12	8.608E-01	3.015E-16	3.500E+03
3.558E-11	8.330E-18	2.044E-43	7.070E-19	1.079E-01	9.866E-12	8.372E-01	9.905E-16	3.600E+03
8.424E-11	2.910E-17	3.401E-42	2.559E-18	1.246E-01	2.201E-11	8.118E-01	3.046E-15	3.700E+03
1.855E-10	9.516E-17	4.882E-41	8.640E-18	1.423E-01	4.696E-11	7.847E-01	8.811E-15	3.800E+03
3.919E-10	2.913E-16	6.116E-40	2.737E-17	1.610E-01	9.611E-11	7.561E-01	2.409E-14	3.900E+03
7.970E-10	8.507E-15	5.744E-39	8.170E-17	1.804E-01	1.893E-10	7.263E-01	6.250E-14	4.000E+03
1.564E-09	2.346E-15	6.532E-38	2.309E-16	2.004E-01	3.598E-10	5.955E-01	1.545E-13	4.100E+03
2.970E-09	6.164E-15	5.844E-37	6.199E-16	2.208E-01	5.515E-10	6.640E-01	3.550E-13	4.200E+03
5.470E-09	1.548E-14	4.646E-36	1.587E-15	2.413E-01	1.79E-09	6.320E-01	8.271E-13	4.300E+03
9.789E-09	3.723E-14	3.376E-35	3.887E-15	2.618E-01	2.043E-09	5.998E-01	1.802E-12	4.400E+03
1.706E-08	8.617E-14	2.242E-34	9.136E-15	2.822E-01	3.444E-09	5.678E-01	3.787E-12	4.500E+03
2.899E-08	1.923E-13	1.373E-33	2.066E-14	3.022E-01	5.664E-09	5.360E-01	7.692E-12	4.600E+03
4.813E-08	4.145E-13	7.783E-33	4.505E-14	3.217E-01	9.059E-09	5.048E-01	1.514E-11	4.700E+03
7.825E-08	8.652E-13	4.108E-32	9.497E-14	3.405E-01	1.430E-08	4.742E-01	2.891E-11	4.800E+03
1.246E-07	1.753E-12	2.927E-31	1.940E-13	3.586E-01	2.202E-08	4.446E-01	5.373E-11	4.900E+03
1.947E-07	3.451E-12	9.392E-31	3.845E-13	3.759E-01	3.326E-08	4.160E-01	9.729E-11	5.000E+03
2.987E-07	6.191E-12	4.101E-30	7.413E-13	3.922E-01	4.934E-08	3.885E-01	1.720E-10	5.100E+03
4.508E-07	1.238E-11	1.694E-29	1.392E-12	4.076E-01	7.197E-08	3.622E-01	2.971E-10	5.200E+03
6.697E-07	2.264E-11	6.537E-29	2.550E-12	4.220E-01	1.033E-07	3.372E-01	5.024E-10	5.300E+03
9.803E-07	4.049E-11	2.475E-28	4.564E-12	4.353E-01	1.462E-07	3.135E-01	8.335E-10	5.400E+03
1.615E-06	7.092E-11	8.809E-28	7.991E-12	4.476E-01	2.040E-07	2.912E-01	1.357E-09	5.500E+03
2.016E-06	1.224E-10	2.988E-27	1.371E-11	4.589E-01	2.808E-07	2.701E-01	2.170E-09	5.600E+03
2.838E-06	2.065E-10	9.798E-27	2.306E-11	4.692E-01	3.820E-07	2.503E-01	3.415E-09	5.700E+03
3.949E-06	3.425E-10	3.076E-26	3.808E-11	4.785E-01	5.135E-07	2.318E-01	5.292E-09	5.800E+03
5.434E-06	5.587E-10	9.301E-26	6.181E-11	4.869E-01	6.828E-07	2.145E-01	8.083E-09	5.900E+03
7.402E-06	8.975E-10	2.714E-25	9.869E-11	4.944E-01	9.885E-07	1.984E-01	1.218E-08	6.000E+03
9.985E-06	1.421E-09	7.657E-25	1.552E-10	5.010E-01	1.171E-06	1.835E-01	1.812E-08	6.100E+03
1.335E-05	2.218E-09	2.092E-24	2.400E-10	5.059E-01	1.512E-06	1.696E-01	2.664E-08	6.200E+03
1.769E-05	3.416E-09	5.543E-24	3.671E-10	5.120E-01	1.935E-06	1.567E-01	3.873E-08	6.300E+03
2.325E-05	5.196E-09	1.426E-23	5.536E-10	5.154E-01	2.456E-06	1.447E-01	5.570E-08	6.400E+03
3.032E-05	7.810E-09	3.569E-23	8.257E-10	5.201E-01	3.093E-06	1.337E-01	7.932E-08	6.500E+03
3.925E-05	1.161E-08	8.698E-23	1.214E-09	5.233E-01	3.856E-06	1.235E-01	1.119E-07	6.600E+03
5.047E-05	1.706E-08	2.056E-22	1.771E-09	5.259E-01	4.798E-06	1.141E-01	1.565E-07	6.700E+03
6.446E-05	2.481E-08	4.791E-22	2.552E-09	5.280E-01	5.914E-06	1.054E-01	2.169E-07	6.800E+03
8.182E-05	3.573E-08	1.085E-21	3.641E-09	5.297E-01	7.241E-06	9.743E-02	2.984E-07	6.900E+03
1.032E-04	5.097E-08	2.403E-21	5.146E-09	5.309E-01	8.413E-06	9.002E-02	4.074E-07	7.000E+03
1.295E-04	7.203E-08	5.207E-21	7.209E-09	5.317E-01	1.066E-05	8.322E-02	5.523E-07	7.100E+03
1.616E-04	1.009E-07	1.105E-20	1.001E-08	5.324E-01	1.282E-05	7.696E-02	7.436E-07	7.200E+03
2.007E-04	1.402E-07	2.300E-20	1.380E-08	5.327E-01	1.534E-05	7.120E-02	9.947E-07	7.300E+03
2.479E-04	1.931E-07	4.694E-20	1.887E-08	5.328E-01	1.825E-05	6.589E-02	1.323E-06	7.400E+03
3.046E-04	2.640E-07	9.405E-20	2.562E-08	5.326E-01	2.151E-05	6.101E-02	1.748E-06	7.500E+03
3.731E-04	3.581E-07	1.851E-19	3.454E-08	5.322E-01	2.545E-05	5.652E-02	2.298E-06	7.600E+03
4.547E-04	4.823E-07	3.579E-19	4.626E-08	5.317E-01	2.984E-05	5.238E-02	2.004E-06	7.700E+03
5.518E-04	6.448E-07	6.807E-19	6.157E-08	5.310E-01	3.482E-05	4.858E-02	3.906E-06	7.800E+03
6.670E-04	8.561E-07	1.274E-18	8.145E-08	5.302E-01	4.046E-05	4.507E-02	5.055E-06	7.900E+03
8.030E-04	1.129E-06	2.345E-18	1.071E-07	5.292E-01	4.681E-05	4.185E-02	6.509E-06	8.000E+03
1.151E-03	1.926E-06	7.606E-18	1.823E-07	5.270E-01	6.187E-05	3.514E-02	1.054E-05	8.200E+03
1.627E-03	3.206E-06	2.329E-17	3.040E-07	5.245E-01	8.052E-05	3.179E-02	1.709E-05	8.400E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.400E+03	6.015E-05	3.710E-01	2.607E-05	2.317E-21	1.159E-04	7.751E-02	8.257E-05	4.051E-05
8.800E+03	7.758E-05	3.839E-01	3.365E-05	7.197E-21	1.393E-04	7.034E-02	8.874E-05	4.357E-05
9.000E+03	9.928E-05	3.957E-01	4.276E-05	2.111E-20	1.660E-04	6.380E-02	9.445E-05	4.658E-05
9.200E+03	1.261E-04	4.066E-01	5.358E-05	5.876E-20	1.962E-04	5.787E-02	9.968E-05	4.956E-05
9.400E+03	1.590E-04	4.167E-01	6.627E-05	1.557E-19	2.304E-04	5.254E-02	1.044E-04	5.251E-05
9.600E+03	1.991E-04	4.260E-01	8.103E-05	3.945E-19	2.687E-04	4.777E-02	1.088E-04	5.544E-05
9.800E+03	2.477E-04	4.347E-01	9.806E-05	9.585E-19	3.116E-04	4.351E-02	1.128E-04	5.837E-05
1.000E+04	3.060E-04	4.429E-01	1.176E-04	2.241E-18	3.593E-04	3.973E-02	1.165E-04	6.131E-05
1.020E+04	3.757E-04	4.509E-01	1.399E-04	5.060E-18	4.122E-04	3.638E-02	1.201E-04	6.427E-05
1.040E+04	4.582E-04	4.586E-01	1.653E-04	1.106E-17	4.704E-04	3.341E-02	1.236E-04	6.725E-05
1.060E+04	5.552E-04	4.663E-01	1.941E-04	2.347E-17	5.344E-04	3.080E-02	1.271E-04	7.027E-05
1.080E+04	6.685E-04	4.739E-01	2.267E-04	4.848E-17	6.041E-04	2.848E-02	1.307E-04	7.333E-05
1.100E+04	7.997E-04	4.816E-01	2.636E-04	9.766E-17	6.799E-04	2.644E-02	1.345E-04	7.641E-05
1.120E+04	9.506E-04	4.894E-01	3.054E-04	1.923E-16	7.616E-04	2.463E-02	1.386E-04	7.951E-05
1.140E+04	1.123E-03	4.974E-01	3.527E-04	3.706E-16	8.493E-04	2.303E-02	1.430E-04	8.261E-05
1.160E+04	1.318E-03	5.054E-01	4.060E-04	7.005E-16	9.427E-04	2.160E-02	1.477E-04	8.567E-05
1.180E+04	1.538E-03	5.135E-01	4.660E-04	1.300E-15	1.042E-03	2.032E-02	1.528E-04	8.868E-05
1.200E+04	1.784E-03	5.216E-01	5.336E-04	2.370E-15	1.146E-03	1.916E-02	1.583E-04	9.158E-05
1.220E+04	2.058E-03	5.297E-01	6.093E-04	4.252E-15	1.255E-03	1.811E-02	1.641E-04	9.435E-05
1.240E+04	2.360E-03	5.376E-01	6.941E-04	7.508E-15	1.368E-03	1.714E-02	1.702E-04	9.695E-05
1.260E+04	2.693E-03	5.454E-01	7.888E-04	1.306E-14	1.484E-03	1.626E-02	1.766E-04	9.935E-05
1.280E+04	3.058E-03	5.529E-01	8.940E-04	2.238E-14	1.604E-03	1.543E-02	1.833E-04	1.015E-04
1.300E+04	3.456E-03	5.602E-01	1.011E-03	3.783E-14	1.726E-03	1.466E-02	1.902E-04	1.034E-04
1.320E+04	3.887E-03	5.670E-01	1.140E-03	6.308E-14	1.849E-03	1.393E-02	1.973E-04	1.050E-04
1.340E+04	4.355E-03	5.735E-01	1.282E-03	1.038E-13	1.974E-03	1.325E-02	2.045E-04	1.063E-04
1.360E+04	4.859E-03	5.795E-01	1.438E-03	1.687E-13	2.099E-03	1.261E-02	2.118E-04	1.074E-04
1.380E+04	5.400E-03	5.851E-01	1.609E-03	2.707E-13	2.224E-03	1.199E-02	2.192E-04	1.081E-04
1.400E+04	5.980E-03	5.902E-01	1.796E-03	4.293E-13	2.349E-03	1.141E-02	2.267E-04	1.085E-04
1.420E+04	6.601E-03	5.949E-01	2.000E-03	6.730E-13	2.472E-03	1.086E-02	2.341E-04	1.087E-04
1.440E+04	7.262E-03	5.991E-01	2.221E-03	1.043E-12	2.594E-03	1.034E-02	2.416E-04	1.086E-04
1.460E+04	7.965E-03	6.029E-01	2.460E-03	1.600E-12	2.714E-03	9.836E-03	2.492E-04	1.082E-04
1.480E+04	8.711E-03	6.062E-01	2.719E-03	2.428E-12	2.832E-03	9.362E-03	2.566E-04	1.077E-04
1.500E+04	9.501E-03	6.092E-01	2.999E-03	3.648E-12	2.948E-03	8.911E-03	2.638E-04	1.069E-04
1.520E+04	1.034E-02	6.118E-01	3.300E-03	5.428E-12	3.061E-03	8.483E-03	2.711E-04	1.059E-04
1.540E+04	1.122E-02	6.140E-01	3.623E-03	8.001E-12	3.171E-03	8.076E-03	2.783E-04	1.047E-04
1.560E+04	1.214E-02	6.159E-01	3.969E-03	1.169E-11	3.278E-03	7.691E-03	2.854E-04	1.034E-04
1.580E+04	1.312E-02	6.175E-01	4.340E-03	1.692E-11	3.382E-03	7.325E-03	2.925E-04	1.020E-04
1.600E+04	1.414E-02	6.187E-01	4.737E-03	2.428E-11	3.483E-03	6.977E-03	2.994E-04	1.004E-04
1.620E+04	1.521E-02	6.197E-01	5.159E-03	3.457E-11	3.580E-03	6.648E-03	3.063E-04	9.876E-05
1.640E+04	1.633E-02	6.205E-01	5.609E-03	4.883E-11	3.674E-03	6.336E-03	3.131E-04	9.701E-05
1.660E+04	1.750E-02	6.210E-01	6.088E-03	6.845E-11	3.764E-03	6.040E-03	3.198E-04	9.519E-05
1.680E+04	1.872E-02	6.213E-01	6.596E-03	9.523E-11	3.851E-03	5.759E-03	3.264E-04	9.331E-05
1.700E+04	1.999E-02	6.214E-01	7.134E-03	1.315E-10	3.933E-03	5.493E-03	3.328E-04	9.138E-05
1.720E+04	2.131E-02	6.213E-01	7.704E-03	1.804E-10	4.013E-03	5.240E-03	3.392E-04	8.941E-05
1.740E+04	2.268E-02	6.210E-01	8.307E-03	2.459E-10	4.088E-03	5.001E-03	3.454E-04	8.740E-05
1.760E+04	2.411E-02	6.205E-01	8.943E-03	3.328E-10	4.159E-03	4.773E-03	3.516E-04	8.538E-05
1.780E+04	2.558E-02	6.198E-01	9.613E-03	4.477E-10	4.227E-03	4.558E-03	3.575E-04	8.333E-05
1.800E+04	2.711E-02	6.191E-01	1.032E-02	5.987E-10	4.291E-03	4.352E-03	3.634E-04	8.128E-05
1.820E+04	2.869E-02	6.181E-01	1.106E-02	7.957E-10	4.351E-03	4.158E-03	3.691E-04	7.922E-05
1.840E+04	3.032E-02	6.170E-01	1.184E-02	1.052E-09	4.407E-03	3.972E-03	3.746E-04	7.716E-05
1.860E+04	3.200E-02	6.158E-01	1.266E-02	1.382E-09	4.459E-03	3.786E-03	3.800E-04	7.510E-05
1.880E+04	3.374E-02	6.145E-01	1.351E-02	1.806E-09	4.507E-03	3.629E-03	3.853E-04	7.305E-05
1.900E+04	3.553E-02	6.130E-01	1.441E-02	2.349E-09	4.552E-03	3.469E-03	3.903E-04	7.102E-05
1.920E+04	3.736E-02	6.114E-01	1.534E-02	3.038E-09	4.592E-03	3.317E-03	3.952E-04	6.900E-05
1.940E+04	3.925E-02	6.097E-01	1.632E-02	3.911E-09	4.629E-03	3.172E-03	3.999E-04	6.699E-05
1.960E+04	4.119E-02	6.079E-01	1.734E-02	5.011E-09	4.662E-03	3.034E-03	4.044E-04	6.501E-05
1.980E+04	4.318E-02	6.060E-01	1.840E-02	6.389E-09	4.691E-03	2.902E-03	4.087E-04	6.305E-05
2.000E+04	4.522E-02	6.039E-01	1.950E-02	8.110E-09	4.716E-03	2.776E-03	4.128E-04	6.111E-05
2.020E+04	4.731E-02	6.018E-01	2.065E-02	1.025E-08	4.738E-03	2.656E-03	4.167E-04	5.920E-05
2.040E+04	4.945E-02	5.996E-01	2.184E-02	1.290E-08	4.756E-03	2.542E-03	4.203E-04	5.732E-05
2.060E+04	5.164E-02	5.972E-01	2.307E-02	1.616E-08	4.770E-03	2.432E-03	4.238E-04	5.547E-05
2.080E+04	5.388E-02	5.948E-01	2.435E-02	2.017E-08	4.780E-03	2.327E-03	4.270E-04	5.365E-05
2.100E+04	5.616E-02	5.923E-01	2.567E-02	2.507E-08	4.787E-03	2.227E-03	4.299E-04	5.186E-05
2.120E+04	5.849E-02	5.897E-01	2.703E-02	3.104E-08	4.791E-03	2.131E-03	4.326E-04	5.010E-05
2.140E+04	6.086E-02	5.870E-01	2.844E-02	3.828E-08	4.791E-03	2.039E-03	4.350E-04	4.838E-05
2.160E+04	6.323E-02	5.842E-01	2.990E-02	4.705E-08	4.788E-03	1.951E-03	4.372E-04	4.669E-05
2.180E+04	6.574E-02	5.813E-01	3.140E-02	5.762E-08	4.781E-03	1.867E-03	4.391E-04	4.503E-05
2.200E+04	6.825E-02	5.783E-01	3.294E-02	7.031E-08	4.771E-03	1.786E-03	4.408E-04	4.342E-05
2.220E+04	7.080E-02	5.753E-01	3.453E-02	8.551E-08	4.758E-03	1.709E-03	4.422E-04	4.183E-05
2.240E+04	7.339E-02	5.722E-01	3.616E-02	1.037E-07	4.742E-03	1.635E-03	4.433E-04	4.029E-05
2.260E+04	7.602E-02	5.690E-01	3.783E-02	1.252E-07	4.723E-03	1.564E-03	4.441E-04	3.878E-05
2.280E+04	7.869E-02	5.657E-01	3.955E-02	1.508E-07	4.702E-03	1.496E-03	4.447E-04	3.730E-05
2.300E+04	8.140E-02	5.623E-01	4.130E-02	1.811E-07	4.677E-03	1.430E-03	4.450E-04	3.587E-05
2.320E+04	8.414E-02	5.589E-01	4.310E-02	2.168E-07	4.649E-03	1.368E-03	4.450E-04	3.447E-05
2.340E+04	8.693E-02	5.554E-01	4.494E-02	2.587E-07	4.619E-03	1.308E-03	4.448E-04	3.311E-05
2.360E+04	8.974E-02	5.518E-01	4.682E-02	3.079E-07	4.587E-03	1.250E-03	4.442E-04	3.179E-05
2.380E+04	9.260E-02	5.482E-01	4.874E-02	3.654E-07	4.552E-03	1.195E-03	4.434E-04	3.050E-05
2.400E+04	9.548E-02	5.445E-01	5.070E-02	4.324E-07	4.515E-03	1.142E-03	4.424E-04	2.925E-05
2.420E+04	9.840E-02	5.407E-01	5.270E-02	5.104E-07	4.475E-03	1.091E-03	4.410E-04	2.804E-05
2.440E+04	1.013E-01	5.369E-01	5.473E-02	6.008E-07	4.434E-03	1.043E-03	4.394E-04	2.686E-05
2.460E+04	1.043E-01	5.330E-01	5.680E-02	7.054E-07	4.390E-03	9.959E-04	4.376E-04	2.572E-05
2.480E+04	1.073E-01	5.291E-01	5.890E-02	8.262E-07	4.344E-03	9.511E-04	4.355E-04	2.461E-05
2.500E+04	1.104E-01	5.251E-01	6.104E-02	9.653E-07	4.297E-03	9.081E-04	4.331E-04	2.355E-05

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.260E-03	5.212E-03	6.737E-17	4.972E-07	5.216E-01	1.033E-04	2.717E-02	2.697E-05	8.600E+03
3.122E-03	8.286E-06	1.863E-16	7.984E-07	5.184E-01	1.205E-04	2.355E-02	4.185E-05	8.800E+03
4.242E-03	1.290E-05	4.836E-16	1.260E-06	5.149E-01	1.630E-04	2.064E-02	6.385E-05	9.000E+03
5.634E-03	1.966E-05	1.237E-15	1.954E-06	5.109E-01	2.009E-04	1.804E-02	9.580E-05	9.200E+03
7.550E-03	2.940E-05	2.551E-15	2.982E-06	5.064E-01	2.447E-04	1.584E-02	1.413E-04	9.400E+03
9.891E-03	4.315E-05	6.847E-15	4.475E-06	5.012E-01	2.948E-04	1.392E-02	2.049E-04	9.600E+03
1.280E-02	6.217E-05	1.524E-14	6.606E-06	4.952E-01	3.512E-04	1.226E-02	2.919E-04	9.800E+03
1.637E-02	8.801E-05	3.272E-14	9.592E-06	4.883E-01	4.141E-04	1.082E-02	4.082E-04	1.000E+04
2.067E-02	1.223E-04	6.797E-14	1.370E-05	4.802E-01	4.834E-04	9.551E-03	5.602E-04	1.020E+04
2.579E-02	1.676E-04	1.363E-13	1.923E-05	4.709E-01	5.587E-04	8.442E-03	7.540E-04	1.040E+04
3.175E-02	2.255E-04	2.634E-13	2.655E-05	4.603E-01	6.396E-04	7.464E-03	9.947E-04	1.060E+04
3.864E-02	2.990E-04	5.019E-13	3.602E-05	4.483E-01	7.256E-04	6.599E-03	1.286E-03	1.080E+04
4.641E-02	3.902E-04	9.233E-13	4.802E-05	4.349E-01	8.156E-04	5.831E-03	1.526E-03	1.100E+04
5.505E-02	5.013E-04	1.655E-12	6.296E-05	4.200E-01	9.388E-04	5.148E-03	2.018E-03	1.120E+04
6.449E-02	6.331E-04	2.342E-12	8.112E-05	4.059E-01	1.104E-03	4.539E-03	2.451E-03	1.140E+04
7.455E-02	7.955E-04	4.939E-12	1.028E-04	3.955E-01	1.300E-03	3.996E-03	2.916E-03	1.160E+04
8.541E-02	9.819E-04	8.249E-12	1.287E-04	3.833E-01	1.566E-03	3.511E-03	3.402E-03	1.180E+04
9.664E-02	1.197E-03	1.349E-11	1.573E-04	3.493E-01	1.890E-03	3.079E-03	3.895E-03	1.200E+04
1.082E-01	1.442E-03	2.164E-11	1.901E-04	3.298E-01	1.331E-03	2.693E-03	4.379E-03	1.220E+04
1.199E-01	1.719E-03	3.406E-11	2.266E-04	3.100E-01	1.458E-03	2.350E-03	4.839E-03	1.240E+04
1.316E-01	2.028E-03	5.268E-11	2.665E-04	2.903E-01	1.550E-03	2.046E-03	5.263E-03	1.260E+04
1.433E-01	2.369E-03	8.013E-11	3.095E-04	2.708E-01	1.627E-03	1.777E-03	5.640E-03	1.280E+04
1.547E-01	2.742E-03	1.200E-10	3.551E-04	2.517E-01	1.657E-03	1.540E-03	5.962E-03	1.300E+04
1.657E-01	3.148E-03	1.772E-10	4.031E-04	2.335E-01	1.750E-03	1.332E-03	6.223E-03	1.320E+04
1.763E-01	3.586E-03	2.579E-10	4.529E-04	2.156E-01	1.816E-03	1.150E-03	6.420E-03	1.340E+04
1.864E-01	4.055E-03	3.705E-10	5.041E-04	1.988E-01	1.854E-03	9.912E-04	6.555E-03	1.360E+04
1.960E-01	4.555E-03	5.257E-10	5.562E-04	1.829E-01	1.905E-03	8.530E-04	6.629E-03	1.380E+04
2.050E-01	5.085E-03	7.372E-10	6.088E-04	1.679E-01	1.939E-03	7.332E-04	6.545E-03	1.400E+04
2.134E-01	5.643E-03	1.022E-09	6.615E-04	1.540E-01	1.966E-03	6.297E-04	6.611E-03	1.420E+04
2.211E-01	6.230E-03	1.403E-09	7.139E-04	1.411E-01	1.987E-03	5.405E-04	6.531E-03	1.440E+04
2.282E-01	6.843E-03	1.907E-09	7.656E-04	1.291E-01	2.001E-03	4.637E-04	6.412E-03	1.460E+04
2.348E-01	7.482E-03	2.568E-09	8.163E-04	1.181E-01	2.010E-03	3.977E-04	6.259E-03	1.480E+04
2.407E-01	8.145E-03	3.427E-09	8.659E-04	1.079E-01	2.013E-03	3.412E-04	6.080E-03	1.500E+04
2.461E-01	8.834E-03	4.534E-09	9.139E-04	9.865E-02	2.012E-03	2.924E-04	5.879E-03	1.520E+04
2.509E-01	9.545E-03	5.932E-09	9.603E-04	9.017E-02	2.005E-03	2.513E-04	5.662E-03	1.540E+04
2.553E-01	1.028E-02	7.754E-09	1.005E-03	8.244E-02	1.997E-03	2.159E-04	5.434E-03	1.560E+04
2.591E-01	1.103E-02	1.003E-08	1.048E-03	7.599E-02	1.984E-03	1.853E-04	5.199E-03	1.580E+04
2.626E-01	1.181E-02	1.288E-08	1.088E-03	6.897E-02	1.968E-03	1.596E-04	4.961E-03	1.600E+04
2.656E-01	1.260E-02	1.644E-08	1.127E-03	6.313E-02	1.949E-03	1.375E-04	4.721E-03	1.620E+04
2.682E-01	1.341E-02	2.084E-08	1.165E-03	5.782E-02	1.928E-03	1.185E-04	4.483E-03	1.640E+04
2.705E-01	1.424E-02	2.627E-08	1.197E-03	5.300E-02	1.905E-03	1.023E-04	4.249E-03	1.660E+04
2.724E-01	1.509E-02	3.293E-08	1.229E-03	4.861E-02	1.880E-03	8.835E-05	4.019E-03	1.680E+04
2.741E-01	1.595E-02	4.104E-08	1.258E-03	4.462E-02	1.854E-03	7.642E-05	3.797E-03	1.700E+04
2.755E-01	1.683E-02	5.088E-08	1.285E-03	4.099E-02	1.826E-03	6.619E-05	3.581E-03	1.720E+04
2.766E-01	1.772E-02	6.276E-08	1.310E-03	3.766E-02	1.798E-03	5.739E-05	3.374E-03	1.740E+04
2.775E-01	1.862E-02	7.705E-08	1.332E-03	3.457E-02	1.768E-03	4.983E-05	3.175E-03	1.760E+04
2.781E-01	1.954E-02	9.414E-08	1.353E-03	3.193E-02	1.736E-03	4.332E-05	2.984E-03	1.780E+04
2.786E-01	2.046E-02	1.145E-07	1.371E-03	2.945E-02	1.707E-03	3.770E-05	2.803E-03	1.800E+04
2.789E-01	2.140E-02	1.397E-07	1.386E-03	2.715E-02	1.675E-03	3.286E-05	2.630E-03	1.820E+04
2.790E-01	2.235E-02	1.673E-07	1.400E-03	2.506E-02	1.643E-03	2.867E-05	2.469E-03	1.840E+04
2.790E-01	2.330E-02	2.009E-07	1.412E-03	2.316E-02	1.611E-03	2.504E-05	2.311E-03	1.860E+04
2.788E-01	2.426E-02	2.404E-07	1.421E-03	2.141E-02	1.579E-03	2.193E-05	2.154E-03	1.880E+04
2.785E-01	2.523E-02	2.865E-07	1.429E-03	1.981E-02	1.546E-03	1.917E-05	2.026E-03	1.900E+04
2.781E-01	2.621E-02	3.404E-07	1.434E-03	1.835E-02	1.514E-03	1.680E-05	1.895E-03	1.920E+04
2.776E-01	2.719E-02	4.029E-07	1.438E-03	1.700E-02	1.481E-03	1.475E-05	1.772E-03	1.940E+04
2.769E-01	2.817E-02	4.752E-07	1.440E-03	1.576E-02	1.448E-03	1.295E-05	1.656E-03	1.960E+04
2.762E-01	2.916E-02	5.587E-07	1.440E-03	1.463E-02	1.416E-03	1.139E-05	1.547E-03	1.980E+04
2.754E-01	3.014E-02	6.547E-07	1.439E-03	1.358E-02	1.383E-03	1.002E-05	1.445E-03	2.000E+04
2.745E-01	3.113E-02	7.649E-07	1.435E-03	1.252E-02	1.351E-03	8.829E-06	1.349E-03	2.020E+04
2.735E-01	3.212E-02	8.910E-07	1.431E-03	1.172E-02	1.319E-03	7.785E-06	1.259E-03	2.040E+04
2.725E-01	3.311E-02	1.033E-06	1.425E-03	1.091E-02	1.287E-03	6.870E-06	1.175E-03	2.060E+04
2.714E-01	3.410E-02	1.199E-06	1.418E-03	1.015E-02	1.256E-03	6.068E-06	1.096E-03	2.080E+04
2.702E-01	3.508E-02	1.384E-06	1.409E-03	9.455E-03	1.225E-03	5.364E-06	1.022E-03	2.100E+04
2.690E-01	3.606E-02	1.595E-06	1.399E-03	8.808E-03	1.194E-03	4.746E-06	9.527E-04	2.120E+04
2.677E-01	3.704E-02	1.832E-06	1.388E-03	8.209E-03	1.163E-03	4.202E-06	8.882E-04	2.140E+04
2.664E-01	3.802E-02	2.100E-06	1.376E-03	7.654E-03	1.133E-03	3.723E-06	8.278E-04	2.160E+04
2.651E-01	3.899E-02	2.401E-06	1.362E-03	7.140E-03	1.104E-03	3.301E-06	7.714E-04	2.180E+04
2.637E-01	3.995E-02	2.739E-06	1.348E-03	6.663E-03	1.074E-03	2.929E-06	7.188E-04	2.200E+04
2.623E-01	4.091E-02	3.117E-06	1.333E-03	6.220E-03	1.045E-03	2.600E-06	6.696E-04	2.220E+04
2.608E-01	4.186E-02	3.539E-06	1.318E-03	5.808E-03	1.017E-03	2.310E-06	6.238E-04	2.240E+04
2.593E-01	4.281E-02	4.010E-06	1.301E-03	5.426E-03	9.889E-04	2.053E-06	5.810E-04	2.260E+04
2.578E-01	4.375E-02	4.534E-06	1.284E-03	5.071E-03	9.614E-04	1.826E-06	5.412E-04	2.280E+04
2.563E-01	4.468E-02	5.116E-06	1.266E-03	4.740E-03	9.343E-04	1.625E-06	5.040E-04	2.300E+04
2.547E-01	4.551E-02	5.752E-06	1.248E-03	4.432E-03	9.077E-04	1.447E-06	4.694E-04	2.320E+04
2.531E-01	4.632E-02	6.476E-06	1.229E-03	4.146E-03	8.816E-04	1.289E-06	4.371E-04	2.340E+04
2.515E-01	4.743E-02	7.265E-06	1.210E-03	3.879E-03	8.560E-04	1.149E-06	4.070E-04	2.360E+04
2.499E-01	4.833E-02	8.135E-06	1.190E-03	3.630E-03	8.309E-04	1.025E-06	3.790E-04	2.380E+04
2.482E-01	4.922E-02	9.094E-06	1.170E-03	3.398E-03	8.063E-04	9.140E-07	3.530E-04	2.400E+04
2.466E-01	5.011E-02	1.015E-05	1.150E-03	3.181E-03	7.823E-04	8.158E-07	3.287E-04	2.420E+04
2.449E-01	5.098E-02	1.130E-05	1.129E-03	2.979E-03	7.587E-04	7.284E-07	3.061E-04	2.440E+04
2.433E-01	5.185E-02	1.257E-05	1.109E-03	2.791E-03	7.357E-04	6.507E-07	2.850E-04	2.460E+04
2.416E-01	5.270E-02	1.396E-05	1.088E-03	2.614E-03	7.131E-04	5.815E-07	2.655E-04	2.480E+04
2.399E-01	5.355E-02	1.548E-05	1.067E-03	2.450E-03	6.911E-04	5.198E-07	2.472E-04	2.500E+04



Table II. - Continued.

P/P0 = 6.00E+03

T	E-	0	0+	0++	0-	02	02+	02-
2.000E+02	0.	1.002E-69	0.	0.	0.	5.341E-11	1.760E-18	0.
3.000E+02	0.	4.295E-48	4.350E-82	0.	0.	4.802E-11	1.760E-18	0.
4.000E+02	0.	3.159E-37	1.067E-64	0.	0.	5.115E-11	1.760E-18	0.
5.000E+02	0.	1.068E-30	3.078E-54	0.	0.	5.024E-11	1.760E-18	0.
6.000E+02	0.	2.479E-26	2.940E-47	0.	0.	5.053E-11	1.760E-18	0.
7.000E+02	7.277E-83	3.160E-23	3.021E-42	0.	4.383E-92	4.646E-11	1.760E-18	6.010E-83
8.000E+02	8.638E-72	7.772E-21	1.538E-38	0.	4.332E-80	5.676E-11	1.760E-18	7.985E-73
9.000E+02	2.553E-62	1.498E-18	4.481E-36	0.	1.717E-69	4.635E-10	1.760E-18	2.916E-63
1.000E+03	2.152E-54	1.488E-16	2.872E-34	0.	1.648E-60	5.375E-09	1.760E-18	6.088E-55
1.100E+03	7.030E-48	6.594E-15	8.469E-33	0.	3.973E-53	4.192E-08	1.760E-18	4.304E-48
1.200E+03	1.922E-42	1.559E-13	1.425E-31	0.	5.658E-47	2.325E-07	1.760E-18	2.202E-42
1.300E+03	7.769E-38	2.268E-12	1.559E-30	0.	9.103E-42	9.889E-07	1.760E-18	1.487E-37
1.400E+03	6.978E-34	2.253E-11	1.215E-29	0.	2.638E-37	3.414E-06	1.760E-18	2.040E-33
1.500E+03	1.881E-30	1.650E-10	7.226E-29	0.	1.941E-33	9.977E-06	1.760E-18	7.846E-30
1.600E+03	1.904E-27	9.422E-10	3.446E-28	0.	4.684E-30	2.546E-05	1.760E-18	1.071E-26
1.700E+03	8.608E-25	4.385E-09	1.370E-27	0.	4.516E-27	5.810E-05	1.760E-18	6.237E-24
1.800E+03	1.983E-22	1.721E-08	4.648E-27	0.	2.024E-24	1.208E-04	1.762E-18	1.783E-21
1.900E+03	2.256E-20	5.850E-08	1.621E-26	0.	4.147E-22	2.323E-04	2.027E-18	2.440E-19
2.000E+03	4.590E-19	1.759E-07	1.737E-25	0.	1.423E-20	4.180E-04	8.048E-18	5.815E-18
2.100E+03	3.504E-18	4.765E-07	2.989E-24	0.	1.733E-19	7.104E-04	5.631E-17	5.088E-17
2.200E+03	2.053E-17	1.179E-06	4.316E-23	4.397E-88	1.544E-18	1.149E-03	3.590E-16	3.352E-16
2.300E+03	1.025E-16	2.674E-06	5.008E-22	3.580E-84	1.125E-17	1.780E-03	1.966E-15	1.851E-15
2.400E+03	4.488E-16	5.745E-06	4.740E-21	1.382E-80	6.926E-17	2.656E-03	9.354E-15	8.837E-15
2.500E+03	1.751E-15	1.153E-05	3.749E-20	2.758E-77	3.683E-16	3.832E-03	3.924E-14	3.714E-14
2.600E+03	6.175E-15	2.192E-05	2.530E-19	3.071E-74	1.720E-15	5.367E-03	1.473E-13	1.394E-13
2.700E+03	1.989E-14	3.970E-05	1.482E-18	2.034E-71	7.158E-15	7.319E-03	5.003E-13	4.736E-13
2.800E+03	5.912E-14	6.887E-05	7.648E-18	8.476E-69	2.687E-14	9.744E-03	1.555E-12	1.471E-12
2.900E+03	1.634E-13	1.149E-04	3.524E-17	2.330E-66	9.196E-14	1.269E-02	4.460E-12	4.212E-12
3.000E+03	4.230E-13	1.852E-04	1.465E-16	4.404E-64	2.895E-13	1.621E-02	1.190E-11	1.121E-11
3.100E+03	1.032E-12	2.890E-04	5.556E-16	5.932E-62	8.449E-13	2.033E-02	2.975E-11	2.795E-11
3.200E+03	2.386E-12	4.381E-04	1.936E-15	5.886E-60	2.302E-12	2.507E-02	7.005E-11	6.558E-11
3.300E+03	5.255E-12	6.468E-04	6.226E-15	4.416E-58	5.894E-12	3.043E-02	1.562E-10	1.457E-10
3.400E+03	1.107E-11	9.320E-04	1.883E-14	2.569E-56	1.425E-11	3.643E-02	3.313E-10	3.076E-10
3.500E+03	2.237E-11	1.313E-03	5.318E-14	1.184E-54	3.268E-11	4.302E-02	6.713E-10	6.202E-10
3.600E+03	4.354E-11	1.813E-03	1.416E-13	4.11E-53	7.143E-11	5.017E-02	1.304E-09	1.198E-09
3.700E+03	8.186E-11	2.455E-03	3.573E-13	1.349E-51	1.493E-10	5.783E-02	2.435E-09	2.225E-09
3.800E+03	1.491E-10	3.266E-03	8.575E-13	3.449E-50	2.997E-10	6.591E-02	4.387E-09	3.984E-09
3.900E+03	2.636E-10	4.274E-03	1.965E-12	7.458E-49	5.788E-10	7.439E-02	7.643E-09	6.893E-09
4.000E+03	4.533E-10	5.509E-03	4.316E-12	1.382E-47	1.079E-09	8.311E-02	1.291E-08	1.156E-08
4.100E+03	7.602E-10	7.001E-03	9.107E-12	2.218E-46	1.947E-09	9.282E-02	2.117E-08	1.881E-08
4.200E+03	1.245E-09	8.778E-03	1.852E-11	3.117E-45	3.408E-09	1.010E-01	3.380E-08	2.979E-08
4.300E+03	1.994E-09	1.087E-02	3.640E-11	3.870E-44	5.795E-09	1.099E-01	5.261E-08	4.598E-08
4.400E+03	3.128E-09	1.331E-02	6.928E-11	4.286E-43	9.596E-09	1.187E-01	7.998E-08	6.926E-08
4.500E+03	4.814E-09	1.611E-02	1.279E-10	4.259E-42	1.550E-08	1.273E-01	1.189E-07	1.020E-07
4.600E+03	7.274E-09	1.931E-02	2.298E-10	3.828E-41	2.445E-08	1.356E-01	1.732E-07	1.471E-07
4.700E+03	1.081E-08	2.292E-02	4.019E-10	3.131E-40	3.774E-08	1.434E-01	2.474E-07	2.079E-07
4.800E+03	1.580E-08	2.696E-02	5.860E-10	2.344E-39	5.705E-08	1.508E-01	3.469E-07	2.884E-07
4.900E+03	2.276E-08	3.145E-02	1.144E-09	1.616E-38	8.460E-08	1.576E-01	4.782E-07	3.930E-07
5.000E+03	3.232E-08	3.638E-02	1.767E-09	1.730E-37	1.232E-07	1.638E-01	6.485E-07	5.268E-07
5.100E+03	4.529E-08	4.174E-02	2.935E-09	6.104E-37	1.763E-07	1.693E-01	8.663E-07	6.950E-07
5.200E+03	6.266E-08	4.764E-02	4.661E-09	3.375E-36	2.482E-07	1.742E-01	1.141E-06	9.036E-07
5.300E+03	8.567E-08	5.395E-02	7.209E-09	1.749E-35	3.442E-07	1.784E-01	1.482E-06	1.158E-06
5.400E+03	1.158E-07	6.071E-02	1.091E-08	8.518E-35	4.704E-07	1.819E-01	1.901E-06	1.466E-06
5.500E+03	1.549E-07	6.771E-02	1.625E-08	3.915E-34	6.342E-07	1.847E-01	2.408E-06	1.832E-06
5.600E+03	2.051E-07	7.553E-02	2.383E-08	1.703E-33	8.440E-07	1.888E-01	3.017E-06	2.262E-06
5.700E+03	2.490E-07	8.355E-02	3.445E-08	7.029E-33	1.110E-06	1.882E-01	3.738E-06	2.762E-06
5.800E+03	3.496E-07	9.196E-02	4.911E-08	2.761E-32	1.442E-06	1.889E-01	4.585E-06	3.337E-06
5.900E+03	4.504E-07	1.007E-01	6.908E-08	1.035E-31	1.853E-06	1.890E-01	5.568E-06	3.993E-06
6.000E+03	5.755E-07	1.098E-01	9.599E-08	3.709E-31	2.357E-06	1.885E-01	6.700E-06	4.731E-06
6.100E+03	7.298E-07	1.192E-01	1.318E-07	1.274E-30	2.968E-06	1.874E-01	7.991E-06	5.556E-06
6.200E+03	9.185E-07	1.289E-01	1.789E-07	4.202E-30	3.703E-06	1.858E-01	9.451E-06	6.469E-06
6.300E+03	1.148E-06	1.387E-01	2.402E-07	1.333E-29	4.579E-06	1.838E-01	1.109E-05	7.471E-06
6.400E+03	1.425E-06	1.488E-01	3.193E-07	4.077E-29	5.615E-06	1.812E-01	1.291E-05	8.563E-06
6.500E+03	1.758E-06	1.591E-01	4.201E-07	1.204E-28	6.829E-06	1.783E-01	1.492E-05	9.743E-06
6.600E+03	2.156E-06	1.694E-01	5.476E-07	3.435E-28	8.243E-06	1.750E-01	1.712E-05	1.101E-05
6.700E+03	2.629E-06	1.799E-01	7.073E-07	9.491E-28	9.878E-06	1.713E-01	1.951E-05	1.236E-05
6.800E+03	3.189E-06	1.904E-01	9.057E-07	2.543E-27	1.176E-05	1.674E-01	2.210E-05	1.379E-05
6.900E+03	3.847E-06	2.009E-01	1.150E-06	6.612E-27	1.390E-05	1.633E-01	2.487E-05	1.529E-05
7.000E+03	4.619E-06	2.114E-01	1.449E-06	1.671E-26	1.634E-05	1.589E-01	2.782E-05	1.686E-05
7.100E+03	5.520E-06	2.219E-01	1.811E-06	4.110E-26	1.908E-05	1.544E-01	3.095E-05	1.850E-05
7.200E+03	6.567E-06	2.322E-01	2.244E-06	9.843E-26	2.217E-05	1.497E-01	3.424E-05	2.019E-05
7.300E+03	7.780E-06	2.425E-01	2.767E-06	2.299E-25	2.562E-05	1.450E-01	3.767E-05	2.194E-05
7.400E+03	9.181E-06	2.526E-01	3.385E-06	5.239E-25	2.948E-05	1.402E-01	4.124E-05	2.373E-05
7.500E+03	1.079E-05	2.625E-01	4.113E-06	1.166E-24	3.372E-05	1.353E-01	4.493E-05	2.556E-05
7.600E+03	1.264E-05	2.723E-01	4.965E-06	2.538E-24	3.842E-05	1.305E-01	4.871E-05	2.742E-05
7.700E+03	1.476E-05	2.818E-01	5.957E-06	5.404E-24	4.359E-05	1.256E-01	5.257E-05	2.931E-05
7.800E+03	1.718E-05	2.912E-01	7.105E-06	1.127E-23	4.926E-05	1.208E-01	5.650E-05	3.122E-05
7.900E+03	1.992E-05	3.002E-01	8.425E-06	2.302E-23	5.545E-05	1.161E-01	6.044E-05	3.315E-05
8.000E+03	2.305E-05	3.091E-01	9.934E-06	4.611E-23	6.220E-05	1.114E-01	6.444E-05	3.508E-05
8.100E+03	2.658E-05	3.259E-01	1.359E-05	1.749E-22	7.748E-05	1.024E-01	7.237E-05	3.987E-05
8.200E+03	3.058E-05	3.416E-01	1.823E-05	6.184E-22	9.536E-05	9.383E-02	8.015E-05	4.287E-05

Table II. - Continued.

P/F. = 0.00E+03

I	C+	C++	C-	C1	C0+	C02	C2	T
0.	0.	0.	0.	7.659E-67	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	3.231E-42	2.102E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.732E-30	7.357E-62	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.729E-22	1.704E-49	1.000E+00	0.	5.000E+02
6.359E-83	6.383E-84	0.	0.	1.497E-17	2.924E-41	1.000E+00	0.	6.000E+02
4.777E-69	5.799E-71	0.	0.	5.230E-14	2.542E-35	1.000E+00	0.	7.000E+02
9.444E-59	1.814E-61	0.	0.	2.350E-11	4.869E-31	1.000E+00	1.653E-60	8.030E+02
1.384E-51	9.083E-56	0.	0.	8.284E-10	5.527E-29	1.000E+00	1.738E-70	9.000E+02
3.471E-45	7.082E-52	0.	3.112E-91	1.066E-08	7.835E-28	1.000E+00	3.864E-63	1.000E+03
8.665E-42	9.846E-49	0.	5.307E-81	9.375E-08	5.341E-27	1.000E+00	3.512E-57	1.100E+03
3.999E-38	4.093E-46	0.	1.784E-72	4.648E-07	3.584E-26	1.000E+00	3.381E-52	1.200E+03
5.049E-35	6.756E-44	0.	2.926E-65	1.978E-06	1.552E-25	1.000E+00	5.438E-48	1.300E+03
2.303E-32	5.403E-42	0.	4.467E-59	6.828E-06	5.450E-25	1.000E+00	2.194E-44	1.400E+03
4.549E-30	2.415E-40	2.564E-95	1.021E-53	1.995E-05	1.620E-24	1.000E+00	2.926E-41	1.500E+03
4.840E-28	6.735E-39	1.091E-91	4.589E-49	5.091E-05	4.202E-24	9.999E-01	1.586E-38	1.600E+03
2.920E-26	1.273E-37	1.745E-88	6.839E-45	1.162E-04	5.748E-24	9.999E-01	4.109E-36	1.700E+03
1.118E-24	1.743E-35	1.237E-85	3.247E-41	2.417E-04	2.062E-23	9.999E-01	5.736E-34	1.800E+03
2.919E-23	2.085E-35	5.825E-83	5.498E-38	4.647E-04	4.635E-23	9.999E-01	4.762E-32	1.900E+03
5.503E-22	5.829E-34	1.822E-79	1.263E-35	8.362E-04	3.354E-22	9.947E-01	2.541E-30	2.000E+03
7.847E-21	3.223E-32	1.073E-75	8.600E-34	1.421E-03	4.063E-21	9.979E-01	9.288E-29	2.100E+03
8.792E-20	1.172E-30	3.406E-72	3.564E-32	2.299E-03	4.257E-20	9.955E-01	2.446E-27	2.200E+03
7.035E-19	3.146E-29	5.483E-69	1.114E-30	3.563E-03	3.665E-19	9.947E-01	4.853E-26	2.300E+03
6.038E-18	6.432E-28	4.792E-56	2.343E-29	5.318E-03	2.544E-18	9.920E-01	7.500E-25	2.400E+03
3.883E-17	1.035E-26	2.440E-53	4.522E-28	7.676E-03	1.631E-17	9.895E-01	9.311E-24	2.500E+03
2.154E-16	1.346E-25	7.702E-61	6.435E-27	1.076E-02	8.723E-17	9.829E-01	9.519E-23	2.600E+03
1.062E-15	1.444E-24	1.593E-58	7.517E-26	1.458E-02	4.113E-16	9.760E-01	8.189E-22	2.700E+03
4.653E-15	1.315E-23	2.243E-56	7.363E-25	1.956E-02	1.732E-15	9.706E-01	6.038E-21	2.800E+03
1.641E-14	1.025E-22	2.252E-54	6.157E-24	2.550E-02	6.630E-15	9.517E-01	3.676E-20	2.900E+03
6.641E-14	6.975E-22	1.663E-52	4.465E-23	3.260E-02	2.311E-14	9.510E-01	2.196E-19	3.000E+03
2.205E-13	4.193E-21	9.315E-51	2.847E-22	4.094E-02	7.416E-14	9.384E-01	1.111E-18	3.100E+03
6.788E-13	2.255E-20	4.339E-49	1.615E-21	5.057E-02	2.205E-13	9.239E-01	5.076E-18	3.200E+03
1.951E-12	1.093E-19	1.407E-47	8.235E-21	5.132E-02	6.148E-13	9.074E-01	2.112E-17	3.300E+03
5.268E-12	4.821E-19	3.955E-46	3.812E-20	7.378E-02	1.608E-12	8.889E-01	8.067E-17	3.400E+03
1.343E-11	1.962E-18	9.212E-45	1.515E-19	8.735E-02	3.971E-12	8.685E-01	2.850E-16	3.500E+03
3.248E-11	7.365E-18	1.800E-43	6.303E-19	1.022E-01	9.306E-12	8.459E-01	9.370E-16	3.600E+03
7.433E-11	2.574E-17	2.935E-42	2.835E-18	1.181E-01	2.078E-11	8.215E-01	2.884E-15	3.700E+03
1.649E-10	8.417E-17	4.299E-41	7.714E-18	1.351E-01	4.437E-11	7.957E-01	6.350E-15	3.800E+03
3.485E-10	2.578E-16	5.284E-40	2.446E-17	1.530E-01	9.090E-11	7.683E-01	2.283E-14	3.900E+03
7.090E-10	7.528E-16	5.938E-39	7.307E-17	1.717E-01	1.792E-10	7.396E-01	5.935E-14	4.000E+03
1.292E-09	5.076E-15	5.835E-38	2.067E-16	1.910E-01	3.410E-10	7.100E-01	1.469E-13	4.100E+03
2.645E-09	5.459E-15	5.141E-37	5.555E-15	2.108E-01	6.277E-10	6.795E-01	3.475E-13	4.200E+03
4.874E-09	1.370E-14	4.094E-36	1.424E-15	2.307E-01	1.123E-09	6.485E-01	7.862E-13	4.300E+03
8.728E-09	3.295E-14	2.567E-35	3.491E-15	2.508E-01	1.943E-09	6.172E-01	1.720E-12	4.400E+03
1.522E-08	7.626E-14	1.973E-34	8.214E-15	2.707E-01	3.280E-09	5.858E-01	3.617E-12	4.500E+03
2.588E-08	1.702E-13	1.205E-33	1.859E-14	2.904E-01	5.299E-09	5.547E-01	7.356E-12	4.600E+03
4.301E-08	3.669E-13	6.829E-32	4.060E-14	3.097E-01	8.684E-09	5.240E-01	1.444E-11	4.700E+03
6.993E-08	7.654E-13	3.631E-32	8.569E-14	3.245E-01	1.358E-08	4.938E-01	2.771E-11	4.800E+03
1.114E-07	1.551E-12	1.775E-31	1.752E-13	3.466E-01	2.106E-08	4.644E-01	5.155E-11	4.900E+03
1.741E-07	3.053E-12	8.218E-31	3.478E-13	3.639E-01	3.183E-08	4.359E-01	9.243E-11	5.000E+03
2.673E-07	5.852E-12	3.584E-30	6.713E-13	3.805E-01	4.729E-08	4.084E-01	1.653E-10	5.100E+03
4.036E-07	1.094E-11	1.478E-29	1.262E-12	3.961E-01	6.906E-08	3.820E-01	2.838E-10	5.200E+03
5.998E-07	2.000E-11	5.785E-29	2.315E-12	4.108E-01	9.925E-08	3.568E-01	4.638E-10	5.300E+03
8.782E-07	3.574E-11	2.154E-28	4.148E-12	4.245E-01	1.405E-07	3.328E-01	8.027E-10	5.400E+03
1.268E-06	5.255E-11	7.553E-28	7.271E-12	4.373E-01	1.562E-07	3.131E-01	1.307E-09	5.500E+03
1.807E-06	1.079E-10	2.591E-27	1.249E-11	4.491E-01	2.703E-07	2.886E-01	2.091E-09	5.600E+03
2.543E-06	1.819E-10	8.441E-27	2.103E-11	4.599E-01	3.579E-07	2.683E-01	3.291E-09	5.700E+03
3.538E-06	3.013E-10	2.655E-26	3.476E-11	4.698E-01	4.949E-07	2.493E-01	5.100E-09	5.800E+03
4.869E-06	4.910E-10	8.015E-26	5.648E-11	4.788E-01	6.363E-07	2.315E-01	7.789E-09	5.900E+03
6.631E-06	7.877E-10	2.333E-25	9.026E-11	4.869E-01	8.667E-07	2.148E-01	1.173E-08	6.000E+03
8.943E-06	1.245E-09	6.555E-25	1.420E-10	4.941E-01	1.130E-06	1.992E-01	1.745E-08	6.100E+03
1.195E-05	1.941E-09	1.739E-24	2.197E-10	5.006E-01	1.459E-06	1.847E-01	2.565E-08	6.200E+03
1.583E-05	2.965E-09	4.728E-24	3.365E-10	5.062E-01	1.868E-06	1.712E-01	3.723E-08	6.300E+03
2.079E-05	4.533E-09	1.213E-23	5.079E-10	5.113E-01	2.372E-06	1.586E-01	5.349E-08	6.400E+03
2.711E-05	6.801E-09	3.027E-23	7.579E-10	5.156E-01	2.987E-06	1.470E-01	7.508E-08	6.500E+03
3.507E-05	1.009E-08	7.355E-23	1.117E-09	5.193E-01	3.733E-06	1.362E-01	1.072E-07	6.600E+03
4.506E-05	1.480E-08	1.742E-22	1.627E-09	5.225E-01	4.632E-06	1.262E-01	1.496E-07	6.700E+03
5.750E-05	2.148E-08	4.025E-22	2.345E-09	5.252E-01	5.710E-06	1.169E-01	2.071E-07	6.800E+03
7.292E-05	3.088E-08	9.091E-22	3.346E-09	5.274E-01	6.992E-06	1.083E-01	2.844E-07	6.900E+03
9.192E-05	4.295E-08	2.007E-21	4.730E-09	5.291E-01	8.507E-06	1.004E-01	3.876E-07	7.000E+03
1.152E-04	6.199E-08	4.335E-21	6.627E-09	5.305E-01	1.029E-05	9.303E-02	5.243E-07	7.100E+03
1.436E-04	8.566E-08	9.175E-21	9.204E-09	5.315E-01	1.237E-05	8.632E-02	7.043E-07	7.200E+03
1.781E-04	1.201E-07	1.903E-20	1.268E-08	5.322E-01	1.480E-05	8.007E-02	9.400E-07	7.300E+03
2.197E-04	1.652E-07	3.873E-20	1.733E-08	5.326E-01	1.760E-05	7.430E-02	1.247E-06	7.400E+03
2.698E-04	2.253E-07	7.737E-20	2.352E-08	5.328E-01	2.084E-05	6.897E-02	1.644E-06	7.500E+03
3.298E-04	3.050E-07	1.519E-19	3.169E-08	5.327E-01	2.454E-05	6.405E-02	2.155E-06	7.600E+03
4.014E-04	4.093E-07	2.928E-19	4.242E-08	5.325E-01	2.876E-05	5.951E-02	2.809E-06	7.700E+03
4.864E-04	5.468E-07	5.553E-19	5.642E-08	5.320E-01	3.356E-05	5.532E-02	3.643E-06	7.800E+03
5.872E-04	7.246E-07	1.036E-18	7.458E-08	5.314E-01	3.899E-05	5.145E-02	4.701E-06	7.900E+03
7.060E-04	9.538E-07	1.974E-18	9.801E-08	5.307E-01	4.510E-05	4.787E-02	6.026E-06	8.000E+03
1.007E-03	1.621E-06	5.146E-18	1.665E-07	5.289E-01	5.961E-05	4.152E-02	9.813E-06	8.200E+03
1.422E-03	2.689E-06	1.874E-17	2.770E-07	5.267E-01	7.758E-05	3.609E-02	1.567E-05	8.400E+03

Table II. - Continued.

T	E-	0	0+	0++	0-	02	02+	02-
8.600E+03	5.226E-05	3.563E-01	2.401E-05	2.047E-21	1.161E-04	8.579E-02	8.765E-05	4.674E-05
8.800E+03	6.742E-05	3.694E-01	3.108E-05	6.376E-21	1.399E-04	7.832E-02	9.476E-05	5.058E-05
9.000E+03	8.627E-05	3.823E-01	3.961E-05	1.876E-20	1.672E-04	7.143E-02	1.014E-04	5.439E-05
9.200E+03	1.096E-04	3.938E-01	4.976E-05	5.234E-20	1.981E-04	6.513E-02	1.076E-04	5.816E-05
9.400E+03	1.381E-04	4.044E-01	6.170E-05	1.391E-19	2.331E-04	5.941E-02	1.133E-04	6.189E-05
9.600E+03	1.729E-04	4.143E-01	7.562E-05	3.532E-19	2.724E-04	5.423E-02	1.185E-04	6.560E-05
9.800E+03	2.151E-04	4.235E-01	9.169E-05	8.600E-19	3.164E-04	4.958E-02	1.233E-04	6.930E-05
1.000E+04	2.657E-04	4.322E-01	1.101E-04	2.015E-18	3.653E-04	4.540E-02	1.278E-04	7.300E-05
1.020E+04	3.262E-04	4.405E-01	1.312E-04	4.555E-18	4.196E-04	4.167E-02	1.320E-04	7.670E-05
1.040E+04	3.978E-04	4.485E-01	1.551E-04	9.966E-18	4.793E-04	3.835E-02	1.361E-04	8.042E-05
1.060E+04	4.821E-04	4.564E-01	1.823E-04	2.116E-17	5.449E-04	3.540E-02	1.402E-04	8.416E-05
1.080E+04	5.806E-04	4.641E-01	2.130E-04	4.371E-17	6.165E-04	3.278E-02	1.443E-04	8.794E-05
1.100E+04	6.948E-04	4.718E-01	2.477E-04	8.801E-17	6.943E-04	3.045E-02	1.486E-04	9.174E-05
1.120E+04	8.263E-04	4.796E-01	2.869E-04	1.732E-16	7.784E-04	2.838E-02	1.531E-04	9.555E-05
1.140E+04	9.767E-04	4.874E-01	3.311E-04	3.334E-16	8.687E-04	2.654E-02	1.579E-04	9.937E-05
1.160E+04	1.148E-03	4.953E-01	3.809E-04	6.292E-16	9.652E-04	2.490E-02	1.630E-04	1.032E-04
1.180E+04	1.340E-03	5.033E-01	4.369E-04	1.166E-15	1.068E-03	2.343E-02	1.685E-04	1.069E-04
1.200E+04	1.556E-03	5.114E-01	4.998E-04	2.121E-15	1.176E-03	2.210E-02	1.744E-04	1.109E-04
1.220E+04	1.797E-03	5.194E-01	5.703E-04	3.798E-15	1.289E-03	2.089E-02	1.807E-04	1.141E-04
1.240E+04	2.063E-03	5.274E-01	6.491E-04	6.692E-15	1.407E-03	1.979E-02	1.873E-04	1.174E-04
1.260E+04	2.357E-03	5.352E-01	7.369E-04	1.162E-14	1.529E-03	1.878E-02	1.943E-04	1.206E-04
1.280E+04	2.680E-03	5.428E-01	8.346E-04	1.987E-14	1.656E-03	1.784E-02	2.016E-04	1.234E-04
1.300E+04	3.032E-03	5.502E-01	9.429E-04	3.352E-14	1.785E-03	1.697E-02	2.091E-04	1.260E-04
1.320E+04	3.415E-03	5.573E-01	1.063E-03	5.578E-14	1.916E-03	1.615E-02	2.169E-04	1.283E-04
1.340E+04	3.830E-03	5.640E-01	1.194E-03	9.163E-14	2.049E-03	1.538E-02	2.249E-04	1.303E-04
1.360E+04	4.279E-03	5.704E-01	1.339E-03	1.486E-13	2.184E-03	1.465E-02	2.330E-04	1.319E-04
1.380E+04	4.762E-03	5.763E-01	1.498E-03	2.381E-13	2.318E-03	1.396E-02	2.412E-04	1.332E-04
1.400E+04	5.280E-03	5.818E-01	1.671E-03	3.770E-13	2.453E-03	1.331E-02	2.495E-04	1.341E-04
1.420E+04	5.835E-03	5.869E-01	1.860E-03	5.901E-13	2.588E-03	1.269E-02	2.579E-04	1.347E-04
1.440E+04	6.427E-03	5.916E-01	2.065E-03	9.133E-13	2.721E-03	1.209E-02	2.662E-04	1.350E-04
1.460E+04	7.058E-03	5.958E-01	2.287E-03	1.399E-12	2.853E-03	1.153E-02	2.745E-04	1.349E-04
1.480E+04	7.728E-03	5.996E-01	2.527E-03	2.119E-12	2.982E-03	1.099E-02	2.828E-04	1.346E-04
1.500E+04	8.438E-03	6.030E-01	2.785E-03	3.180E-12	3.110E-03	1.048E-02	2.910E-04	1.339E-04
1.520E+04	9.190E-03	6.061E-01	3.064E-03	4.724E-12	3.236E-03	9.991E-03	2.992E-04	1.330E-04
1.540E+04	9.983E-03	6.087E-01	3.363E-03	6.953E-12	3.358E-03	9.526E-03	3.073E-04	1.319E-04
1.560E+04	1.082E-02	6.110E-01	3.683E-03	1.014E-11	3.478E-03	9.084E-03	3.153E-04	1.306E-04
1.580E+04	1.170E-02	6.130E-01	4.026E-03	1.466E-11	3.594E-03	8.664E-03	3.232E-04	1.291E-04
1.600E+04	1.262E-02	6.147E-01	4.392E-03	2.102E-11	3.707E-03	8.264E-03	3.310E-04	1.274E-04
1.620E+04	1.359E-02	6.161E-01	4.783E-03	2.989E-11	3.817E-03	7.885E-03	3.388E-04	1.256E-04
1.640E+04	1.461E-02	6.173E-01	5.198E-03	4.216E-11	3.923E-03	7.524E-03	3.464E-04	1.237E-04
1.660E+04	1.567E-02	6.181E-01	5.640E-03	5.902E-11	4.026E-03	7.181E-03	3.539E-04	1.216E-04
1.680E+04	1.677E-02	6.188E-01	6.109E-03	8.201E-11	4.124E-03	6.855E-03	3.612E-04	1.194E-04
1.700E+04	1.793E-02	6.192E-01	6.605E-03	1.131E-10	4.219E-03	6.545E-03	3.685E-04	1.172E-04
1.720E+04	1.913E-02	6.194E-01	7.131E-03	1.550E-10	4.310E-03	6.251E-03	3.756E-04	1.149E-04
1.740E+04	2.038E-02	6.194E-01	7.686E-03	2.110E-10	4.397E-03	5.972E-03	3.826E-04	1.125E-04
1.760E+04	2.168E-02	6.193E-01	8.272E-03	2.853E-10	4.480E-03	5.706E-03	3.894E-04	1.101E-04
1.780E+04	2.302E-02	6.190E-01	8.889E-03	3.834E-10	4.558E-03	5.453E-03	3.962E-04	1.077E-04
1.800E+04	2.442E-02	6.185E-01	9.539E-03	5.121E-10	4.633E-03	5.213E-03	4.027E-04	1.052E-04
1.820E+04	2.586E-02	6.178E-01	1.022E-02	6.799E-10	4.703E-03	4.984E-03	4.091E-04	1.027E-04
1.840E+04	2.735E-02	6.170E-01	1.094E-02	8.976E-10	4.770E-03	4.767E-03	4.154E-04	1.002E-04
1.860E+04	2.889E-02	6.161E-01	1.169E-02	1.178E-09	4.832E-03	4.560E-03	4.214E-04	9.770E-05
1.880E+04	3.048E-02	6.150E-01	1.248E-02	1.539E-09	4.890E-03	4.362E-03	4.273E-04	9.519E-05
1.900E+04	3.211E-02	6.138E-01	1.330E-02	1.999E-09	4.944E-03	4.174E-03	4.330E-04	9.269E-05
1.920E+04	3.380E-02	6.125E-01	1.416E-02	2.584E-09	4.994E-03	3.995E-03	4.386E-04	9.019E-05
1.940E+04	3.553E-02	6.111E-01	1.506E-02	3.323E-09	5.039E-03	3.824E-03	4.439E-04	8.771E-05
1.960E+04	3.731E-02	6.096E-01	1.600E-02	4.254E-09	5.081E-03	3.661E-03	4.490E-04	8.525E-05
1.980E+04	3.914E-02	6.079E-01	1.697E-02	5.420E-09	5.118E-03	3.505E-03	4.539E-04	8.281E-05
2.000E+04	4.101E-02	6.062E-01	1.799E-02	6.874E-09	5.151E-03	3.356E-03	4.586E-04	8.039E-05
2.020E+04	4.293E-02	6.043E-01	1.904E-02	8.681E-09	5.180E-03	3.214E-03	4.631E-04	7.800E-05
2.040E+04	4.490E-02	6.023E-01	2.013E-02	1.091E-08	5.205E-03	3.078E-03	4.673E-04	7.564E-05
2.060E+04	4.691E-02	6.003E-01	2.127E-02	1.367E-08	5.226E-03	2.948E-03	4.713E-04	7.331E-05
2.080E+04	4.897E-02	5.981E-01	2.244E-02	1.704E-08	5.243E-03	2.824E-03	4.750E-04	7.101E-05
2.100E+04	5.107E-02	5.959E-01	2.366E-02	2.117E-08	5.257E-03	2.705E-03	4.785E-04	6.875E-05
2.120E+04	5.322E-02	5.936E-01	2.492E-02	2.620E-08	5.266E-03	2.591E-03	4.817E-04	6.652E-05
2.140E+04	5.541E-02	5.911E-01	2.622E-02	3.230E-08	5.272E-03	2.482E-03	4.846E-04	6.434E-05
2.160E+04	5.765E-02	5.886E-01	2.756E-02	3.967E-08	5.274E-03	2.377E-03	4.873E-04	6.219E-05
2.180E+04	5.992E-02	5.860E-01	2.894E-02	4.855E-08	5.272E-03	2.277E-03	4.897E-04	6.008E-05
2.200E+04	6.224E-02	5.834E-01	3.036E-02	5.922E-08	5.267E-03	2.181E-03	4.918E-04	5.801E-05
2.220E+04	6.460E-02	5.806E-01	3.182E-02	7.198E-08	5.258E-03	2.089E-03	4.936E-04	5.599E-05
2.240E+04	6.700E-02	5.778E-01	3.333E-02	8.721E-08	5.246E-03	2.001E-03	4.951E-04	5.401E-05
2.260E+04	6.944E-02	5.749E-01	3.487E-02	1.053E-07	5.231E-03	1.916E-03	4.964E-04	5.207E-05
2.280E+04	7.191E-02	5.719E-01	3.646E-02	1.268E-07	5.213E-03	1.835E-03	4.973E-04	5.018E-05
2.300E+04	7.443E-02	5.688E-01	3.808E-02	1.522E-07	5.191E-03	1.757E-03	4.980E-04	4.833E-05
2.320E+04	7.698E-02	5.657E-01	3.974E-02	1.821E-07	5.166E-03	1.682E-03	4.984E-04	4.652E-05
2.340E+04	7.956E-02	5.625E-01	4.144E-02	2.172E-07	5.139E-03	1.610E-03	4.984E-04	4.476E-05
2.360E+04	8.218E-02	5.592E-01	4.318E-02	2.584E-07	5.108E-03	1.541E-03	4.982E-04	4.305E-05
2.380E+04	8.483E-02	5.559E-01	4.496E-02	3.065E-07	5.075E-03	1.475E-03	4.977E-04	4.138E-05
2.400E+04	8.752E-02	5.525E-01	4.677E-02	3.627E-07	5.039E-03	1.411E-03	4.969E-04	3.975E-05
2.420E+04	9.024E-02	5.490E-01	4.862E-02	4.279E-07	5.001E-03	1.350E-03	4.958E-04	3.817E-05
2.440E+04	9.299E-02	5.455E-01	5.051E-02	5.036E-07	4.960E-03	1.292E-03	4.944E-04	3.664E-05
2.460E+04	9.576E-02	5.419E-01	5.243E-02	5.911E-07	4.917E-03	1.235E-03	4.928E-04	3.515E-05
2.480E+04	9.857E-02	5.383E-01	5.438E-02	6.921E-07	4.872E-03	1.182E-03	4.908E-04	3.370E-05
2.500E+04	1.014E-01	5.346E-01	5.636E-02	8.084E-07	4.824E-03	1.130E-03	4.886E-04	3.230E-05

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.978E-03	4.358E-06	5.419E-17	4.519E-07	5.241E-01	9.931E-03	3.145E-02	2.490E-05	8.600E+03
2.715E-03	4.911E-06	1.490E-16	7.240E-07	5.212E-01	1.259E-04	2.748E-02	3.798E-05	8.800E+03
3.681E-03	1.073E-05	3.907E-16	1.140E-06	5.179E-01	1.372E-04	2.403E-02	5.759E-05	9.000E+03
4.931E-03	1.633E-05	9.739E-16	1.765E-06	5.142E-01	1.939E-04	2.112E-02	8.623E-05	9.200E+03
6.529E-03	2.439E-05	2.354E-15	2.688E-06	5.100E-01	2.365E-04	1.858E-02	1.268E-04	9.400E+03
8.544E-03	3.576E-05	5.444E-15	4.029E-06	5.053E-01	2.851E-04	1.639E-02	1.835E-04	9.600E+03
1.105E-02	5.151E-05	1.212E-14	5.943E-06	4.999E-01	3.402E-04	1.447E-02	2.610E-04	9.800E+03
1.413E-02	7.293E-05	2.502E-14	8.628E-06	4.936E-01	4.018E-04	1.280E-02	3.651E-04	1.000E+04
1.786E-02	1.016E-04	5.402E-14	1.233E-05	4.864E-01	4.699E-04	1.134E-02	5.017E-04	1.020E+04
2.221E-02	1.392E-04	1.085E-13	1.733E-05	4.781E-01	5.444E-04	1.006E-02	6.771E-04	1.040E+04
2.753E-02	1.877E-04	2.119E-13	2.398E-05	4.686E-01	6.250E-04	8.924E-03	8.968E-04	1.060E+04
3.358E-02	2.494E-04	4.016E-13	3.262E-05	4.578E-01	7.110E-04	7.919E-03	1.165E-03	1.080E+04
4.046E-02	3.264E-04	7.407E-13	4.566E-05	4.457E-01	8.019E-04	7.026E-03	1.485E-03	1.100E+04
4.818E-02	4.211E-04	1.331E-12	5.748E-05	4.323E-01	8.967E-04	6.230E-03	1.855E-03	1.120E+04
5.670E-02	5.358E-04	2.334E-12	7.444E-05	4.175E-01	9.945E-04	5.519E-03	2.273E-03	1.140E+04
6.594E-02	6.726E-04	3.998E-12	9.486E-05	4.016E-01	1.094E-03	4.883E-03	2.730E-03	1.150E+04
7.584E-02	8.337E-04	6.599E-12	1.190E-04	3.846E-01	1.194E-03	4.312E-03	3.218E-03	1.180E+04
8.626E-02	1.021E-03	1.099E-11	1.469E-04	3.668E-01	1.294E-03	3.803E-03	3.724E-03	1.200E+04
9.710E-02	1.235E-03	1.767E-11	1.788E-04	3.483E-01	1.392E-03	3.347E-03	4.233E-03	1.220E+04
1.087E-01	1.479E-03	2.794E-11	2.146E-04	3.294E-01	1.487E-03	2.939E-03	4.731E-03	1.240E+04
1.195E-01	1.752E-03	4.335E-11	2.541E-04	3.103E-01	1.578E-03	2.575E-03	5.204E-03	1.260E+04
1.308E-01	2.055E-03	6.616E-11	2.970E-04	2.912E-01	1.663E-03	2.251E-03	5.639E-03	1.280E+04
1.419E-01	2.390E-03	9.939E-11	3.432E-04	2.723E-01	1.743E-03	1.964E-03	6.026E-03	1.300E+04
1.529E-01	2.753E-03	1.471E-10	3.921E-04	2.539E-01	1.817E-03	1.710E-03	6.358E-03	1.320E+04
1.636E-01	3.151E-03	2.147E-10	4.434E-04	2.350E-01	1.883E-03	1.485E-03	6.628E-03	1.340E+04
1.738E-01	3.577E-03	3.092E-10	4.966E-04	2.189E-01	1.942E-03	1.283E-03	6.836E-03	1.360E+04
1.836E-01	4.032E-03	4.397E-10	5.513E-04	2.025E-01	1.994E-03	1.116E-03	6.980E-03	1.380E+04
1.929E-01	4.516E-03	6.189E-10	6.070E-04	1.870E-01	2.038E-03	9.657E-04	7.063E-03	1.400E+04
2.017E-01	5.028E-03	8.539E-10	6.633E-04	1.724E-01	2.074E-03	8.344E-04	7.089E-03	1.420E+04
2.099E-01	5.568E-03	1.181E-09	7.197E-04	1.587E-01	2.104E-03	7.204E-04	7.062E-03	1.440E+04
2.175E-01	6.133E-03	1.608E-09	7.758E-04	1.459E-01	2.127E-03	6.215E-04	6.988E-03	1.460E+04
2.246E-01	6.723E-03	2.168E-09	8.313E-04	1.340E-01	2.144E-03	5.360E-04	6.873E-03	1.480E+04
2.311E-01	7.338E-03	2.896E-09	8.859E-04	1.231E-01	2.154E-03	4.622E-04	6.724E-03	1.500E+04
2.370E-01	7.975E-03	3.837E-09	9.392E-04	1.130E-01	2.159E-03	3.983E-04	6.545E-03	1.520E+04
2.425E-01	8.635E-03	5.041E-09	9.911E-04	1.037E-01	2.159E-03	3.437E-04	6.344E-03	1.540E+04
2.474E-01	9.316E-03	6.573E-09	1.041E-03	9.512E-02	2.155E-03	2.965E-04	6.125E-03	1.560E+04
2.518E-01	1.002E-02	8.508E-09	1.090E-03	8.729E-02	2.146E-03	2.560E-04	5.892E-03	1.580E+04
2.558E-01	1.074E-02	1.093E-08	1.135E-03	8.012E-02	2.133E-03	2.211E-04	5.551E-03	1.600E+04
2.594E-01	1.148E-02	1.390E-08	1.180E-03	7.356E-02	2.118E-03	1.911E-04	5.404E-03	1.620E+04
2.626E-01	1.223E-02	1.771E-08	1.222E-03	6.757E-02	2.099E-03	1.653E-04	5.156E-03	1.640E+04
2.654E-01	1.300E-02	2.233E-08	1.262E-03	6.210E-02	2.078E-03	1.431E-04	4.907E-03	1.660E+04
2.678E-01	1.379E-02	2.799E-08	1.299E-03	5.711E-02	2.054E-03	1.241E-04	4.661E-03	1.680E+04
2.700E-01	1.460E-02	3.489E-08	1.334E-03	5.255E-02	2.029E-03	1.076E-04	4.420E-03	1.700E+04
2.718E-01	1.541E-02	4.326E-08	1.366E-03	4.839E-02	2.001E-03	9.349E-05	4.184E-03	1.720E+04
2.734E-01	1.624E-02	5.337E-08	1.396E-03	4.459E-02	1.973E-03	8.129E-05	3.955E-03	1.740E+04
2.747E-01	1.709E-02	6.551E-08	1.423E-03	4.111E-02	1.943E-03	7.077E-05	3.734E-03	1.760E+04
2.758E-01	1.794E-02	8.004E-08	1.448E-03	3.794E-02	1.912E-03	6.167E-05	3.521E-03	1.780E+04
2.767E-01	1.880E-02	9.736E-08	1.471E-03	3.506E-02	1.880E-03	5.381E-05	3.316E-03	1.800E+04
2.773E-01	1.968E-02	1.179E-07	1.491E-03	3.238E-02	1.847E-03	4.700E-05	3.121E-03	1.820E+04
2.778E-01	2.056E-02	1.422E-07	1.509E-03	2.995E-02	1.814E-03	4.110E-05	2.934E-03	1.840E+04
2.782E-01	2.145E-02	1.707E-07	1.524E-03	2.771E-02	1.780E-03	3.598E-05	2.757E-03	1.860E+04
2.783E-01	2.235E-02	2.043E-07	1.538E-03	2.567E-02	1.746E-03	3.153E-05	2.588E-03	1.880E+04
2.783E-01	2.325E-02	2.434E-07	1.549E-03	2.379E-02	1.712E-03	2.767E-05	2.428E-03	1.900E+04
2.782E-01	2.416E-02	2.831E-07	1.558E-03	2.207E-02	1.677E-03	2.430E-05	2.276E-03	1.920E+04
2.780E-01	2.507E-02	3.421E-07	1.564E-03	2.048E-02	1.643E-03	2.136E-05	2.133E-03	1.940E+04
2.777E-01	2.59E-02	4.034E-07	1.569E-03	1.902E-02	1.608E-03	1.880E-05	1.998E-03	1.960E+04
2.772E-01	2.691E-02	4.741E-07	1.572E-03	1.767E-02	1.573E-03	1.656E-05	1.870E-03	1.980E+04
2.767E-01	2.783E-02	5.555E-07	1.573E-03	1.644E-02	1.538E-03	1.461E-05	1.750E-03	2.000E+04
2.760E-01	2.875E-02	6.448E-07	1.572E-03	1.529E-02	1.504E-03	1.284E-05	1.637E-03	2.020E+04
2.753E-01	2.969E-02	7.555E-07	1.569E-03	1.424E-02	1.469E-03	1.139E-05	1.531E-03	2.040E+04
2.745E-01	3.060E-02	8.773E-07	1.565E-03	1.326E-02	1.435E-03	1.007E-05	1.431E-03	2.060E+04
2.736E-01	3.152E-02	1.016E-06	1.559E-03	1.235E-02	1.401E-03	8.911E-06	1.327E-03	2.080E+04
2.727E-01	3.244E-02	1.173E-06	1.552E-03	1.152E-02	1.368E-03	7.892E-06	1.249E-03	2.100E+04
2.717E-01	3.336E-02	1.351E-06	1.543E-03	1.075E-02	1.334E-03	6.995E-06	1.167E-03	2.120E+04
2.707E-01	3.428E-02	1.552E-06	1.533E-03	1.003E-02	1.301E-03	6.205E-06	1.089E-03	2.140E+04
2.696E-01	3.517E-02	1.774E-06	1.522E-03	9.365E-03	1.269E-03	5.503E-06	1.017E-03	2.160E+04
2.685E-01	3.613E-02	2.033E-06	1.509E-03	8.748E-03	1.236E-03	4.893E-06	9.495E-04	2.180E+04
2.673E-01	3.700E-02	2.318E-06	1.496E-03	8.174E-03	1.204E-03	4.349E-06	8.861E-04	2.200E+04
2.660E-01	3.790E-02	2.637E-06	1.481E-03	7.641E-03	1.173E-03	3.869E-06	8.269E-04	2.220E+04
2.648E-01	3.880E-02	2.994E-06	1.465E-03	7.146E-03	1.142E-03	3.444E-06	7.715E-04	2.240E+04
2.635E-01	3.969E-02	3.391E-06	1.449E-03	6.685E-03	1.111E-03	3.057E-06	7.198E-04	2.260E+04
2.621E-01	4.057E-02	3.834E-06	1.432E-03	6.255E-03	1.081E-03	2.733E-06	6.715E-04	2.280E+04
2.608E-01	4.144E-02	4.325E-06	1.414E-03	5.855E-03	1.052E-03	2.437E-06	6.263E-04	2.300E+04
2.594E-01	4.231E-02	4.869E-06	1.395E-03	5.483E-03	1.023E-03	2.174E-06	5.842E-04	2.320E+04
2.580E-01	4.317E-02	5.472E-06	1.376E-03	5.136E-03	9.943E-04	1.941E-06	5.449E-04	2.340E+04
2.565E-01	4.403E-02	6.137E-06	1.356E-03	4.811E-03	9.663E-04	1.773E-06	5.082E-04	2.360E+04
2.551E-01	4.488E-02	6.871E-06	1.336E-03	4.509E-03	9.388E-04	1.549E-06	4.740E-04	2.380E+04
2.536E-01	4.572E-02	7.678E-06	1.315E-03	4.227E-03	9.119E-04	1.385E-06	4.420E-04	2.400E+04
2.521E-01	4.655E-02	8.566E-06	1.294E-03	3.963E-03	8.855E-04	1.238E-06	4.122E-04	2.420E+04
2.506E-01	4.737E-02	9.541E-06	1.272E-03	3.717E-03	8.596E-04	1.108E-06	3.845E-04	2.440E+04
2.491E-01	4.819E-02	1.061E-05	1.251E-03	3.486E-03	8.343E-04	9.918E-07	3.586E-04	2.460E+04
2.475E-01	4.900E-02	1.178E-05	1.229E-03	3.271E-03	8.095E-04	8.882E-07	3.345E-04	2.480E+04
2.460E-01	4.980E-02	1.306E-05	1.207E-03	3.070E-03	7.853E-04	7.957E-07	3.120E-04	2.500E+04

Table II. - Continued.

P/PO = 7.00E+03

T	E-	O	O+	O++	O-	O2	O2+	O2-
2.000E+02	0.	9.042E-70	0.	0.	0.	5.081E-11	1.760E-18	0.
3.000E+02	0.	3.978E-48	4.025E-82	0.	0.	4.897E-11	1.760E-18	0.
4.000E+02	0.	2.940E-37	9.833E-65	0.	0.	5.169E-11	1.760E-18	0.
5.000E+02	0.	9.921E-31	2.840E-54	0.	0.	5.060E-11	1.760E-18	0.
6.000E+02	0.	2.299E-26	2.717E-47	0.	0.	5.069E-11	1.760E-18	0.
7.000E+02	6.269E-83	2.929E-23	2.790E-42	0.	4.088E-92	4.670E-11	1.760E-18	6.069E-83
8.000E+02	7.197E-72	7.098E-21	1.444E-38	0.	3.843E-80	5.517E-11	1.760E-18	7.543E-73
9.000E+02	2.085E-62	1.351E-18	4.259E-36	0.	1.470E-69	4.399E-10	1.760E-18	2.627E-63
1.000E+03	1.753E-54	1.343E-16	2.727E-34	0.	1.414E-60	5.186E-09	1.760E-18	5.498E-55
1.100E+03	5.724E-48	5.950E-15	8.044E-33	0.	3.406E-53	3.982E-08	1.760E-18	3.884E-48
1.200E+03	1.564E-42	1.406E-13	1.354E-31	0.	4.350E-47	2.288E-07	1.760E-18	1.987E-42
1.300E+03	6.325E-38	2.046E-12	1.481E-30	0.	7.803E-42	9.393E-07	1.760E-18	1.341E-37
1.400E+03	5.682E-34	2.033E-11	1.154E-25	0.	2.261E-37	3.243E-06	1.760E-18	1.842E-33
1.500E+03	1.530E-30	1.489E-10	6.864E-25	0.	1.663E-33	9.477E-06	1.760E-18	7.080E-30
1.600E+03	1.551E-27	8.502E-10	3.272E-28	0.	4.015E-30	2.418E-05	1.760E-18	9.665E-27
1.700E+03	7.009E-25	3.957E-09	1.302E-27	0.	3.871E-27	5.519E-05	1.760E-18	5.628E-24
1.800E+03	1.615E-22	1.553E-08	4.449E-27	0.	1.735E-24	1.148E-04	1.762E-18	1.609E-21
1.900E+03	1.860E-20	5.279E-08	1.515E-26	0.	3.599E-22	2.207E-04	2.002E-18	2.229E-19
2.000E+03	3.971E-19	1.588E-07	1.573E-25	0.	1.280E-20	3.971E-04	7.671E-18	5.506E-18
2.100E+03	3.011E-18	4.300E-07	2.691E-24	0.	1.568E-19	6.749E-04	5.337E-17	4.844E-17
2.200E+03	1.765E-17	1.064E-06	3.889E-23	3.944E-88	1.397E-18	1.092E-03	3.401E-16	3.193E-16
2.300E+03	8.811E-17	2.431E-06	4.507E-22	3.214E-84	1.018E-17	1.692E-03	1.863E-15	1.764E-15
2.400E+03	3.856E-16	5.185E-06	4.264E-21	1.241E-80	6.266E-17	2.524E-03	8.866E-15	8.418E-15
2.500E+03	1.505E-15	1.041E-05	3.376E-20	2.474E-77	3.332E-16	3.642E-03	3.720E-14	3.538E-14
2.600E+03	5.306E-15	1.978E-05	2.278E-19	2.759E-74	1.556E-15	5.101E-03	1.396E-13	1.329E-13
2.700E+03	1.709E-14	3.584E-05	1.335E-18	1.828E-71	6.477E-15	6.958E-03	4.745E-13	4.513E-13
2.800E+03	5.079E-14	6.218E-05	6.889E-18	7.617E-69	2.432E-14	9.286E-03	1.475E-12	1.402E-12
2.900E+03	1.404E-13	1.038E-04	3.174E-17	2.094E-66	8.323E-14	1.207E-02	4.233E-12	4.016E-12
3.000E+03	3.634E-13	1.672E-04	1.320E-16	3.959E-64	2.621E-13	1.543E-02	1.130E-11	1.070E-11
3.100E+03	8.868E-13	2.611E-04	5.007E-16	5.331E-62	7.652E-13	1.935E-02	2.826E-11	2.668E-11
3.200E+03	2.051E-12	3.959E-04	1.745E-15	5.292E-60	2.086E-12	2.388E-02	6.656E-11	6.264E-11
3.300E+03	4.516E-12	5.847E-04	5.637E-15	3.971E-58	5.342E-12	2.901E-02	1.485E-10	1.392E-10
3.400E+03	9.511E-12	8.428E-04	1.698E-14	2.310E-56	1.292E-11	3.475E-07	3.152E-10	2.943E-10
3.500E+03	1.923E-11	1.188E-03	4.796E-14	1.065E-54	2.965E-11	4.108E-02	6.390E-10	5.940E-10
3.600E+03	3.743E-11	1.641E-03	1.278E-13	3.966E-53	6.486E-11	4.795E-02	1.242E-09	1.149E-09
3.700E+03	7.604E-11	2.223E-03	3.225E-13	1.213E-51	1.357E-10	5.533E-02	2.322E-09	2.136E-09
3.800E+03	1.282E-10	2.959E-03	7.742E-13	3.103E-50	2.725E-10	6.315E-02	4.187E-09	3.827E-09
3.900E+03	2.268E-10	3.875E-03	1.775E-12	6.710E-49	5.269E-10	7.134E-02	7.302E-09	6.637E-09
4.000E+03	3.902E-10	4.999E-03	3.899E-12	1.243E-47	9.833E-10	7.982E-02	1.234E-08	1.115E-08
4.100E+03	6.545E-10	6.356E-03	8.232E-12	1.996E-46	1.776E-09	8.850E-02	2.027E-08	1.817E-08
4.200E+03	1.072E-09	7.977E-03	1.675E-11	2.805E-45	3.111E-09	9.728E-02	3.240E-08	2.883E-08
4.300E+03	1.718E-09	9.887E-03	3.293E-11	3.483E-44	5.297E-09	1.061E-01	5.050E-08	4.459E-08
4.400E+03	2.696E-09	1.211E-02	6.271E-11	3.858E-43	8.783E-09	1.148E-01	7.687E-08	6.732E-08
4.500E+03	4.151E-09	1.688E-02	1.159E-10	3.834E-42	1.420E-08	1.233E-01	1.145E-07	9.937E-08
4.600E+03	6.275E-09	1.761E-02	2.082E-10	3.446E-41	2.244E-08	1.315E-01	1.669E-07	1.436E-07
4.700E+03	9.328E-09	2.092E-02	3.644E-10	2.819E-40	3.469E-08	1.394E-01	2.388E-07	2.035E-07
4.800E+03	1.365E-08	2.464E-02	6.222E-10	2.111E-39	5.252E-08	1.469E-01	3.354E-07	2.830E-07
4.900E+03	1.966E-08	2.877E-02	1.038E-09	1.455E-38	7.800E-08	1.538E-01	4.631E-07	3.867E-07
5.000E+03	2.794E-08	3.332E-02	1.695E-09	9.274E-38	1.138E-07	1.602E-01	6.291E-07	5.198E-07
5.100E+03	3.917E-08	3.830E-02	2.711E-09	5.495E-37	1.631E-07	1.660E-01	8.417E-07	6.878E-07
5.200E+03	5.424E-08	4.372E-02	4.254E-09	3.038E-36	2.301E-07	1.712E-01	1.110E-06	9.968E-07
5.300E+03	7.421E-08	4.957E-02	6.555E-09	1.574E-35	3.196E-07	1.758E-01	1.445E-06	1.153E-06
5.400E+03	1.004E-07	5.585E-02	9.928E-09	7.663E-35	4.377E-07	1.796E-01	1.856E-06	1.464E-06
5.500E+03	1.344E-07	6.255E-02	1.479E-08	3.521E-34	5.912E-07	1.828E-01	2.356E-06	1.835E-06
5.600E+03	1.780E-07	6.966E-02	2.171E-08	1.531E-33	7.884E-07	1.854E-01	2.956E-06	2.273E-06
5.700E+03	2.337E-07	7.716E-02	3.139E-08	6.319E-33	1.039E-06	1.872E-01	3.670E-06	2.786E-06
5.800E+03	3.037E-07	8.504E-02	4.477E-08	2.482E-32	1.352E-06	1.885E-01	4.509E-06	3.377E-06
5.900E+03	3.919E-07	9.326E-02	6.301E-08	9.299E-32	1.742E-06	1.891E-01	5.486E-06	4.054E-06
6.000E+03	5.012E-07	1.018E-01	8.759E-08	3.332E-31	2.221E-06	1.891E-01	6.614E-06	4.821E-06
6.100E+03	6.361E-07	1.107E-01	1.203E-07	1.144E-30	2.803E-06	1.885E-01	7.903E-06	5.683E-06
6.200E+03	8.014E-07	1.198E-01	1.634E-07	3.771E-30	3.505E-06	1.874E-01	9.365E-06	6.641E-06
6.300E+03	1.002E-06	1.292E-01	2.196E-07	1.196E-29	4.344E-06	1.859E-01	1.101E-05	7.699E-06
6.400E+03	1.246E-06	1.388E-01	2.919E-07	3.657E-29	5.338E-06	1.838E-01	1.284E-05	8.857E-06
6.500E+03	1.538E-06	1.485E-01	3.844E-07	1.079E-28	6.508E-06	1.814E-01	1.487E-05	1.012E-05
6.600E+03	1.888E-06	1.585E-01	5.013E-07	3.079E-28	7.874E-06	1.785E-01	1.710E-05	1.147E-05
6.700E+03	2.304E-06	1.685E-01	6.480E-07	8.504E-28	9.459E-06	1.753E-01	1.953E-05	1.293E-05
6.800E+03	2.797E-06	1.786E-01	8.302E-07	2.278E-27	1.128E-05	1.718E-01	2.217E-05	1.448E-05
6.900E+03	3.377E-06	1.887E-01	1.055E-06	5.922E-27	1.337E-05	1.681E-01	2.503E-05	1.612E-05
7.000E+03	4.058E-06	1.989E-01	1.330E-06	1.497E-26	1.575E-05	1.641E-01	2.803E-05	1.785E-05
7.100E+03	4.853E-06	2.091E-01	1.663E-06	3.680E-26	1.845E-05	1.599E-01	3.125E-05	1.966E-05
7.200E+03	5.779E-06	2.192E-01	2.065E-06	8.813E-26	2.148E-05	1.556E-01	3.465E-05	2.154E-05
7.300E+03	6.852E-06	2.292E-01	2.546E-06	2.058E-25	2.489E-05	1.511E-01	3.822E-05	2.350E-05
7.400E+03	8.092E-06	2.391E-01	3.116E-06	4.691E-25	2.868E-05	1.466E-01	4.194E-05	2.551E-05
7.500E+03	9.519E-06	2.489E-01	3.790E-06	1.045E-24	3.290E-05	1.419E-01	4.580E-05	2.756E-05
7.600E+03	1.116E-05	2.586E-01	4.580E-06	2.274E-24	3.757E-05	1.373E-01	4.978E-05	2.971E-05
7.700E+03	1.303E-05	2.681E-01	5.500E-06	4.843E-24	4.271E-05	1.326E-01	5.386E-05	3.187E-05
7.800E+03	1.517E-05	2.774E-01	6.566E-06	1.010E-23	4.837E-05	1.279E-01	5.803E-05	3.407E-05
7.900E+03	1.761E-05	2.864E-01	7.794E-06	2.065E-23	5.456E-05	1.233E-01	6.226E-05	3.630E-05
8.000E+03	2.038E-05	2.953E-01	9.200E-06	4.139E-23	6.132E-05	1.187E-01	6.653E-05	3.856E-05
8.100E+03	2.366E-05	3.123E-01	1.262E-05	1.572E-22	7.668E-05	1.097E-01	7.511E-05	4.312E-05
8.200E+03	2.706E-05	3.284E-01	1.696E-05	5.569E-22	9.469E-05	1.011E-01	8.362E-05	4.773E-05



Table II. Continued.

P/P0 = 7.00E+03

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	7.461E-67	0.	1.000E+00	0.	2.000E+02
0.	0.	0.	0.	2.990E-42	1.742E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	6.202E-30	6.711E-62	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.594E-22	1.561E-49	1.000E+00	0.	5.000E+02
5.442E-83	3.433E-84	0.	0.	1.384E-17	2.694E-41	1.000E+00	0.	6.000E+02
4.073E-69	4.917E-71	0.	0.	4.848E-14	2.335E-35	1.000E+00	0.	7.000E+02
8.328E-59	1.646E-61	0.	0.	1.963E-11	4.704E-31	1.000E+00	1.500E-80	8.000E+02
1.250E-51	8.643E-56	0.	0.	7.873E-10	5.634E-29	1.000E+00	1.654E-70	9.000E+02
3.131E-46	6.722E-52	0.	2.667E-91	1.012E-08	7.884E-28	1.000E+00	3.686E-63	1.000E+03
7.816E-42	9.353E-49	0.	4.549E-81	7.955E-08	6.341E-27	1.000E+00	3.431E-57	1.100E+03
3.608E-38	3.888E-46	0.	1.529E-72	4.416E-07	3.584E-26	1.000E+00	3.211E-52	1.200E+03
4.556E-35	6.418E-44	0.	2.508E-65	1.879E-06	1.552E-25	1.000E+00	5.166E-48	1.300E+03
2.078E-32	5.129E-42	0.	3.829E-59	6.486E-06	5.450E-25	1.000E+00	2.084E-44	1.400E+03
4.195E-30	2.294E-40	2.564E-95	8.754E-54	1.895E-05	1.620E-24	1.000E+00	2.779E-41	1.500E+03
4.367E-28	6.398E-39	1.091E-91	4.276E-49	4.836E-05	4.202E-24	9.999E-01	1.508E-38	1.600E+03
2.635E-26	1.210E-37	1.745E-88	5.862E-45	1.104E-04	9.733E-24	9.998E-01	3.903E-36	1.700E+03
1.009E-24	1.655E-36	1.237E-85	2.783E-41	2.296E-04	2.062E-23	9.997E-01	5.448E-34	1.800E+03
2.634E-23	1.955E-35	5.681E-83	4.772E-38	4.415E-04	4.578E-23	9.993E-01	4.523E-32	1.900E+03
4.966E-22	6.182E-34	1.655E-79	1.136E-35	7.944E-04	3.206E-22	9.988E-01	2.414E-30	2.000E+03
7.081E-21	2.907E-32	9.639E-76	7.779E-34	1.350E-03	3.851E-21	9.980E-01	8.823E-29	2.100E+03
7.934E-20	1.054E-30	3.056E-72	3.316E-32	2.184E-03	4.033E-20	9.967E-01	2.325E-27	2.200E+03
7.207E-19	2.822E-29	4.921E-69	1.008E-30	3.385E-03	3.479E-19	9.949E-01	4.610E-26	2.300E+03
5.449E-18	5.795E-28	4.302E-66	2.302E-29	5.053E-03	2.511E-18	9.924E-01	7.126E-25	2.400E+03
3.504E-17	9.324E-27	2.192E-63	4.091E-28	7.294E-03	1.546E-17	9.891E-01	8.847E-24	2.500E+03
1.953E-16	1.212E-25	6.920E-61	5.821E-27	1.022E-02	8.273E-17	9.847E-01	9.046E-23	2.600E+03
9.588E-16	1.304E-24	1.428E-58	6.801E-26	1.395E-02	3.900E-16	9.791E-01	7.783E-22	2.700E+03
4.200E-15	1.184E-23	2.015E-56	6.662E-25	1.859E-02	1.648E-15	9.721E-01	5.740E-21	2.800E+03
1.662E-14	9.235E-23	2.023E-54	5.571E-24	2.425E-02	6.291E-15	9.636E-01	3.685E-20	2.900E+03
5.996E-14	6.255E-22	1.493E-52	4.041E-23	3.102E-02	2.193E-14	9.534E-01	2.089E-19	3.000E+03
1.991E-13	3.777E-21	8.370E-51	2.577E-22	3.897E-02	7.042E-14	9.414E-01	1.057E-18	3.100E+03
6.131E-13	2.030E-20	3.644E-49	1.462E-21	4.815E-02	2.098E-13	9.275E-01	4.831E-18	3.200E+03
1.763E-12	9.850E-20	1.264E-47	7.461E-21	5.861E-02	5.843E-13	9.118E-01	2.011E-17	3.300E+03
4.761E-12	4.355E-19	3.552E-46	3.455E-20	7.035E-02	1.529E-12	8.941E-01	7.686E-17	3.400E+03
1.214E-11	1.768E-18	8.278E-45	1.464E-19	8.334E-02	3.777E-12	8.744E-01	2.717E-16	3.500E+03
2.937E-11	6.640E-18	1.617E-43	5.717E-19	9.754E-02	8.858E-12	8.529E-01	8.939E-16	3.600E+03
6.769E-11	2.320E-17	2.691E-42	2.072E-18	1.129E-01	1.579E-11	8.296E-01	2.753E-15	3.700E+03
1.492E-10	7.590E-17	3.863E-41	7.006E-18	1.293E-01	4.215E-11	8.046E-01	7.978E-15	3.800E+03
3.155E-10	2.325E-16	4.837E-40	2.222E-17	1.466E-01	8.671E-11	7.782E-01	2.165E-14	3.900E+03
6.421E-10	6.789E-16	5.334E-39	6.645E-17	1.646E-01	1.711E-10	7.505E-01	5.680E-14	4.000E+03
1.262E-09	1.873E-15	5.220E-38	1.881E-16	1.834E-01	3.258E-10	7.218E-01	1.407E-13	4.100E+03
2.398E-09	4.922E-15	4.616E-37	5.060E-16	2.025E-01	6.003E-10	6.922E-01	3.331E-13	4.200E+03
4.421E-09	1.236E-14	3.675E-36	1.298E-15	2.220E-01	1.072E-09	6.620E-01	7.564E-13	4.300E+03
7.920E-09	2.974E-14	2.663E-35	3.185E-15	2.416E-01	1.861E-09	6.315E-01	1.652E-12	4.400E+03
1.382E-08	6.883E-14	1.767E-34	7.501E-15	2.612E-01	3.145E-09	6.008E-01	3.478E-12	4.500E+03
2.351E-08	1.536E-13	1.081E-33	1.700E-14	2.806E-01	5.184E-09	5.702E-01	7.079E-12	4.600E+03
3.908E-08	3.311E-13	6.120E-33	3.715E-14	2.997E-01	8.345E-09	5.400E-01	1.396E-11	4.700E+03
6.357E-08	6.910E-13	3.226E-32	7.849E-14	3.183E-01	1.314E-08	5.102E-01	2.672E-11	4.800E+03
1.013E-07	1.399E-12	1.589E-31	1.606E-13	3.364E-01	2.028E-08	4.810E-01	4.975E-11	4.900E+03
1.584E-07	2.754E-12	7.350E-31	3.192E-13	3.538E-01	3.069E-08	4.527E-01	9.024E-11	5.000E+03
2.433E-07	5.277E-12	3.203E-30	6.167E-13	3.704E-01	4.562E-08	4.253E-01	1.598E-10	5.100E+03
3.675E-07	9.865E-12	1.320E-29	1.161E-12	3.862E-01	6.667E-08	3.989E-01	2.764E-10	5.200E+03
5.463E-07	1.802E-11	5.160E-29	2.131E-12	4.011E-01	9.590E-08	3.735E-01	4.682E-10	5.300E+03
8.000E-07	3.219E-11	1.919E-28	3.821E-12	4.151E-01	1.359E-07	3.494E-01	7.733E-10	5.400E+03
1.155E-06	5.632E-11	6.810E-28	6.705E-12	4.282E-01	1.899E-07	3.264E-01	1.266E-09	5.500E+03
1.647E-06	9.708E-11	2.312E-27	1.152E-11	4.404E-01	2.618E-07	3.045E-01	2.027E-09	5.600E+03
2.318E-06	1.635E-10	7.490E-27	1.942E-11	4.517E-01	3.565E-07	2.839E-01	3.190E-09	5.700E+03
3.225E-06	2.707E-10	2.353E-26	3.214E-11	4.620E-01	4.798E-07	2.643E-01	4.944E-09	5.800E+03
4.438E-06	4.408E-10	7.088E-26	5.226E-11	4.714E-01	6.385E-07	2.462E-01	7.549E-09	5.900E+03
6.044E-06	7.066E-10	2.060E-25	8.359E-11	4.800E-01	8.410E-07	2.291E-01	1.137E-08	6.000E+03
8.150E-06	1.116E-09	5.786E-25	1.316E-10	4.878E-01	1.097E-06	2.130E-01	1.690E-08	6.100E+03
1.089E-05	1.737E-09	1.574E-24	2.036E-10	4.947E-01	1.417E-06	1.980E-01	2.482E-08	6.200E+03
1.442E-05	2.669E-09	4.149E-24	3.123E-10	5.009E-01	1.814E-06	1.804E-01	3.603E-08	6.300E+03
1.893E-05	4.048E-09	1.062E-23	4.715E-10	5.064E-01	2.304E-06	1.709E-01	5.174E-08	6.400E+03
2.467E-05	6.065E-09	2.645E-23	7.040E-10	5.113E-01	2.902E-06	1.588E-01	7.353E-08	6.500E+03
3.190E-05	8.984E-09	6.413E-23	1.038E-09	5.155E-01	3.628E-06	1.475E-01	1.035E-07	6.600E+03
4.097E-05	1.315E-08	1.515E-22	1.512E-09	5.191E-01	4.502E-06	1.370E-01	1.445E-07	6.700E+03
5.225E-05	1.908E-08	3.494E-22	2.180E-09	5.222E-01	5.549E-06	1.272E-01	1.996E-07	6.800E+03
6.622E-05	2.738E-08	7.870E-22	3.112E-09	5.249E-01	6.794E-06	1.182E-01	2.736E-07	6.900E+03
8.341E-05	3.891E-08	1.733E-21	4.400E-09	5.270E-01	8.267E-06	1.098E-01	3.723E-07	7.000E+03
1.045E-04	5.479E-08	3.736E-21	6.164E-09	5.288E-01	9.998E-06	1.020E-01	5.029E-07	7.100E+03
1.301E-04	7.647E-08	7.887E-21	8.561E-09	5.302E-01	1.202E-05	9.481E-02	6.744E-07	7.200E+03
1.612E-04	1.058E-07	1.632E-20	1.179E-08	5.313E-01	1.438E-05	8.814E-02	8.985E-07	7.300E+03
1.987E-04	1.453E-07	3.313E-20	1.612E-08	5.320E-01	1.710E-05	8.197E-02	1.190E-06	7.400E+03
2.438E-04	1.978E-07	6.603E-20	2.186E-08	5.325E-01	2.024E-05	7.625E-02	1.555E-06	7.500E+03
2.977E-04	2.673E-07	1.293E-19	2.945E-08	5.327E-01	2.383E-05	7.097E-02	2.048E-06	7.600E+03
3.619E-04	3.587E-07	2.487E-19	3.940E-08	5.327E-01	2.794E-05	6.607E-02	2.664E-06	7.700E+03
4.381E-04	4.778E-07	4.707E-19	5.238E-08	5.325E-01	3.259E-05	6.154E-02	3.447E-06	7.800E+03
5.282E-04	6.321E-07	8.767E-19	6.919E-08	5.322E-01	3.786E-05	5.734E-02	4.439E-06	7.900E+03
6.344E-04	8.308E-07	1.607E-18	9.087E-08	5.316E-01	4.379E-05	5.346E-02	5.687E-06	8.000E+03
9.048E-04	1.408E-06	5.169E-18	1.541E-07	5.302E-01	5.788E-05	4.654E-02	9.203E-06	8.200E+03
1.272E-03	2.328E-06	1.571E-17	2.560E-07	5.283E-01	7.533E-05	4.060E-02	1.463E-05	8.400E+03



Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.600E+03	4.630E-05	3.433E-01	2.239E-05	1.847E-21	1.156E-04	9.206E-02	9.190E-05	5.235E-05
8.800E+03	5.974E-05	3.573E-01	2.905E-05	5.765E-21	1.398E-04	8.531E-02	9.985E-05	5.696E-05
9.000E+03	7.645E-05	3.703E-01	3.711E-05	1.700E-20	1.674E-04	7.819E-02	1.074E-04	6.155E-05
9.200E+03	9.709E-05	3.823E-01	4.673E-05	4.754E-20	1.989E-04	7.162E-02	1.144E-04	6.611E-05
9.400E+03	1.224E-04	3.934E-01	5.806E-05	1.266E-19	2.345E-04	6.559E-02	1.210E-04	7.065E-05
9.600E+03	1.532E-04	4.038E-01	7.129E-05	3.221E-19	2.745E-04	6.010E-02	1.270E-04	7.516E-05
9.800E+03	1.905E-04	4.135E-01	8.660E-05	7.858E-19	3.193E-04	5.512E-02	1.326E-04	7.964E-05
1.000E+04	2.354E-04	4.226E-01	1.042E-04	1.844E-18	3.691E-04	5.062E-02	1.379E-04	8.412E-05
1.020E+04	2.889E-04	4.312E-01	1.243E-04	4.174E-18	4.244E-04	4.658E-02	1.428E-04	8.860E-05
1.040E+04	3.524E-04	4.395E-01	1.471E-04	9.142E-18	4.854E-04	4.295E-02	1.475E-04	9.308E-05
1.060E+04	4.271E-04	4.475E-01	1.729E-04	1.942E-17	5.523E-04	3.971E-02	1.522E-04	9.758E-05
1.080E+04	5.145E-04	4.553E-01	2.022E-04	4.012E-17	6.254E-04	3.681E-02	1.568E-04	1.021E-04
1.100E+04	6.159E-04	4.631E-01	2.351E-04	8.079E-17	7.048E-04	3.423E-02	1.615E-04	1.066E-04
1.120E+04	7.328E-04	4.709E-01	2.723E-04	1.589E-16	7.907E-04	3.193E-02	1.664E-04	1.112E-04
1.140E+04	8.666E-04	4.787E-01	3.142E-04	3.056E-16	8.832E-04	2.987E-02	1.716E-04	1.158E-04
1.160E+04	1.019E-03	4.866E-01	3.612E-04	5.761E-16	9.820E-04	2.803E-02	1.772E-04	1.203E-04
1.180E+04	1.191E-03	4.945E-01	4.141E-04	1.066E-15	1.087E-03	2.638E-02	1.831E-04	1.248E-04
1.200E+04	1.384E-03	5.025E-01	4.734E-04	1.937E-15	1.198E-03	2.489E-02	1.894E-04	1.292E-04
1.220E+04	1.599E-03	5.104E-01	5.398E-04	3.462E-15	1.315E-03	2.354E-02	1.961E-04	1.334E-04
1.240E+04	1.838E-03	5.184E-01	6.139E-04	6.091E-15	1.437E-03	2.231E-02	2.032E-04	1.376E-04
1.260E+04	2.102E-03	5.262E-01	6.966E-04	1.056E-14	1.564E-03	2.118E-02	2.107E-04	1.414E-04
1.280E+04	2.392E-03	5.339E-01	7.884E-04	1.803E-14	1.696E-03	2.014E-02	2.185E-04	1.451E-04
1.300E+04	2.709E-03	5.414E-01	8.902E-04	3.036E-14	1.830E-03	1.917E-02	2.267E-04	1.484E-04
1.320E+04	3.054E-03	5.486E-01	1.003E-03	5.045E-14	1.968E-03	1.826E-02	2.351E-04	1.514E-04
1.340E+04	3.429E-03	5.556E-01	1.127E-03	8.274E-14	2.108E-03	1.741E-02	2.438E-04	1.541E-04
1.360E+04	3.835E-03	5.622E-01	1.263E-03	1.340E-13	2.250E-03	1.661E-02	2.526E-04	1.563E-04
1.380E+04	4.272E-03	5.684E-01	1.412E-03	2.144E-13	2.393E-03	1.585E-02	2.616E-04	1.582E-04
1.400E+04	4.742E-03	5.742E-01	1.574E-03	3.390E-13	2.537E-03	1.512E-02	2.706E-04	1.597E-04
1.420E+04	5.245E-03	5.796E-01	1.751E-03	5.298E-13	2.680E-03	1.444E-02	2.798E-04	1.607E-04
1.440E+04	5.783E-03	5.846E-01	1.944E-03	8.190E-13	2.823E-03	1.378E-02	2.889E-04	1.614E-04
1.460E+04	6.357E-03	5.892E-01	2.152E-03	1.253E-12	2.964E-03	1.315E-02	2.981E-04	1.617E-04
1.480E+04	6.967E-03	5.934E-01	2.377E-03	1.896E-12	3.104E-03	1.256E-02	3.072E-04	1.617E-04
1.500E+04	7.615E-03	5.972E-01	2.620E-03	2.841E-12	3.243E-03	1.199E-02	3.163E-04	1.613E-04
1.520E+04	8.301E-03	6.006E-01	2.881E-03	4.216E-12	3.379E-03	1.145E-02	3.253E-04	1.606E-04
1.540E+04	9.026E-03	6.036E-01	3.161E-03	6.197E-12	3.512E-03	1.093E-02	3.342E-04	1.596E-04
1.560E+04	9.790E-03	6.063E-01	3.462E-03	9.029E-12	3.643E-03	1.043E-02	3.431E-04	1.584E-04
1.580E+04	1.060E-02	6.087E-01	3.783E-03	1.304E-11	3.770E-03	9.964E-03	3.518E-04	1.569E-04
1.600E+04	1.144E-02	6.107E-01	4.126E-03	1.867E-11	3.895E-03	9.516E-03	3.604E-04	1.552E-04
1.620E+04	1.233E-02	6.124E-01	4.492E-03	2.652E-11	4.016E-03	9.089E-03	3.689E-04	1.533E-04
1.640E+04	1.326E-02	6.139E-01	4.881E-03	3.737E-11	4.133E-03	8.682E-03	3.773E-04	1.512E-04
1.660E+04	1.424E-02	6.151E-01	5.294E-03	5.225E-11	4.247E-03	8.295E-03	3.856E-04	1.489E-04
1.680E+04	1.525E-02	6.160E-01	5.732E-03	7.254E-11	4.356E-03	7.927E-03	3.937E-04	1.465E-04
1.700E+04	1.632E-02	6.168E-01	6.197E-03	9.997E-11	4.462E-03	7.577E-03	4.017E-04	1.440E-04
1.720E+04	1.742E-02	6.173E-01	6.688E-03	1.368E-10	4.564E-03	7.243E-03	4.096E-04	1.414E-04
1.740E+04	1.857E-02	6.176E-01	7.206E-03	1.861E-10	4.661E-03	6.925E-03	4.173E-04	1.388E-04
1.760E+04	1.977E-02	6.177E-01	7.754E-03	2.513E-10	4.754E-03	6.623E-03	4.248E-04	1.360E-04
1.780E+04	2.101E-02	6.176E-01	8.330E-03	3.374E-10	4.844E-03	6.335E-03	4.322E-04	1.332E-04
1.800E+04	2.230E-02	6.174E-01	8.937E-03	4.502E-10	4.928E-03	6.061E-03	4.394E-04	1.303E-04
1.820E+04	2.363E-02	6.170E-01	9.574E-03	5.972E-10	5.009E-03	5.800E-03	4.465E-04	1.274E-04
1.840E+04	2.501E-02	6.165E-01	1.024E-02	7.878E-10	5.085E-03	5.552E-03	4.534E-04	1.245E-04
1.860E+04	2.644E-02	6.158E-01	1.094E-02	1.033E-09	5.156E-03	5.315E-03	4.601E-04	1.216E-04
1.880E+04	2.791E-02	6.150E-01	1.168E-02	1.348E-09	5.224E-03	5.089E-03	4.666E-04	1.186E-04
1.900E+04	2.942E-02	6.140E-01	1.245E-02	1.750E-09	5.287E-03	4.873E-03	4.729E-04	1.157E-04
1.920E+04	3.098E-02	6.130E-01	1.325E-02	2.260E-09	5.345E-03	4.667E-03	4.790E-04	1.127E-04
1.940E+04	3.259E-02	6.118E-01	1.409E-02	2.905E-09	5.399E-03	4.471E-03	4.849E-04	1.098E-04
1.960E+04	3.424E-02	6.105E-01	1.496E-02	3.715E-09	5.449E-03	4.284E-03	4.906E-04	1.068E-04
1.980E+04	3.594E-02	6.090E-01	1.587E-02	4.730E-09	5.494E-03	4.104E-03	4.961E-04	1.039E-04
2.000E+04	3.768E-02	6.075E-01	1.682E-02	5.995E-09	5.534E-03	3.933E-03	5.013E-04	1.010E-04
2.020E+04	3.947E-02	6.059E-01	1.780E-02	7.565E-09	5.571E-03	3.770E-03	5.063E-04	9.813E-05
2.040E+04	4.130E-02	6.042E-01	1.882E-02	9.505E-09	5.603E-03	3.623E-03	5.110E-04	9.528E-05
2.060E+04	4.318E-02	6.023E-01	1.988E-02	1.189E-08	5.631E-03	3.463E-03	5.155E-04	9.246E-05
2.080E+04	4.509E-02	6.004E-01	2.097E-02	1.482E-08	5.655E-03	3.320E-03	5.198E-04	8.968E-05
2.100E+04	4.706E-02	5.984E-01	2.211E-02	1.840E-08	5.674E-03	3.182E-03	5.237E-04	8.694E-05
2.120E+04	4.906E-02	5.963E-01	2.328E-02	2.276E-08	5.689E-03	3.051E-03	5.274E-04	8.424E-05
2.140E+04	5.110E-02	5.941E-01	2.449E-02	2.804E-08	5.701E-03	2.925E-03	5.308E-04	8.158E-05
2.160E+04	5.319E-02	5.918E-01	2.574E-02	3.442E-08	5.708E-03	2.804E-03	5.339E-04	7.896E-05
2.180E+04	5.532E-02	5.895E-01	2.703E-02	4.211E-08	5.711E-03	2.688E-03	5.367E-04	7.638E-05
2.200E+04	5.748E-02	5.871E-01	2.836E-02	5.133E-08	5.711E-03	2.577E-03	5.392E-04	7.385E-05
2.220E+04	5.969E-02	5.845E-01	2.972E-02	6.237E-08	5.707E-03	2.470E-03	5.415E-04	7.137E-05
2.240E+04	6.193E-02	5.819E-01	3.112E-02	7.552E-08	5.699E-03	2.368E-03	5.434E-04	6.894E-05
2.260E+04	6.422E-02	5.793E-01	3.257E-02	9.116E-08	5.687E-03	2.249E-03	5.450E-04	6.655E-05
2.280E+04	6.654E-02	5.765E-01	3.405E-02	1.097E-07	5.672E-03	2.175E-03	5.463E-04	6.422E-05
2.300E+04	6.889E-02	5.737E-01	3.556E-02	1.316E-07	5.654E-03	2.085E-03	5.473E-04	6.194E-05
2.320E+04	7.128E-02	5.708E-01	3.712E-02	1.574E-07	5.632E-03	1.998E-03	5.480E-04	5.971E-05
2.340E+04	7.371E-02	5.679E-01	3.871E-02	1.877E-07	5.607E-03	1.914E-03	5.484E-04	5.753E-05
2.360E+04	7.617E-02	5.649E-01	4.044E-02	2.232E-07	5.579E-03	1.834E-03	5.484E-04	5.540E-05
2.380E+04	7.866E-02	5.618E-01	4.200E-02	2.647E-07	5.548E-03	1.757E-03	5.482E-04	5.333E-05
2.400E+04	8.119E-02	5.586E-01	4.370E-02	3.131E-07	5.514E-03	1.683E-03	5.476E-04	5.131E-05
2.420E+04	8.374E-02	5.554E-01	4.543E-02	3.693E-07	5.477E-03	1.612E-03	5.467E-04	4.934E-05
2.440E+04	8.633E-02	5.521E-01	4.720E-02	4.344E-07	5.438E-03	1.544E-03	5.456E-04	4.743E-05
2.460E+04	8.894E-02	5.488E-01	4.900E-02	5.098E-07	5.395E-03	1.478E-03	5.441E-04	4.557E-05
2.480E+04	9.159E-02	5.454E-01	5.083E-02	5.968E-07	5.351E-03	1.415E-03	5.424E-04	4.376E-05
2.500E+04	9.426E-02	5.420E-01	5.269E-02	6.968E-07	5.304E-03	1.355E-03	5.403E-04	4.200E-05

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
1.755E-03	3.764E-06	4.523E-17	4.169E-07	5.260E-01	9.663E-C5	3.550E-02	2.287E-05	8.600E+03
2.418E-03	5.954E-06	1.242E-16	6.667E-07	5.233E-01	1.223E-04	3.111E-02	3.315E-05	8.800E+03
3.272E-03	9.227E-06	3.249E-16	1.048E-06	5.203E-01	1.528E-04	2.732E-02	5.319E-05	9.000E+03
4.376E-03	1.402E-05	8.135E-16	1.619E-06	5.169E-01	1.885E-04	2.405E-02	7.922E-05	9.200E+03
5.786E-03	2.091E-05	1.953E-15	2.463E-06	5.130E-01	2.300E-04	2.121E-02	1.162E-04	9.400E+03
7.563E-03	3.062E-05	4.513E-15	3.687E-06	5.086E-01	2.776E-04	1.875E-02	1.677E-04	9.600E+03
9.777E-03	4.408E-05	1.003E-14	5.434E-06	5.036E-01	3.315E-04	1.661E-02	2.383E-04	9.800E+03
1.250E-02	6.239E-05	2.154E-14	7.886E-06	4.979E-01	3.921E-04	1.473E-02	3.221E-04	1.000E+04
1.580E-02	8.591E-05	4.473E-14	1.127E-05	4.913E-01	4.592E-04	1.308E-02	4.379E-04	1.020E+04
1.974E-02	1.192E-04	9.001E-14	1.585E-05	4.837E-01	5.329E-04	1.163E-02	6.188E-04	1.040E+04
2.440E-02	1.609E-04	1.758E-13	2.196E-05	4.751E-01	6.129E-04	1.035E-02	8.215E-04	1.060E+04
2.981E-02	2.141E-04	3.336E-13	2.994E-05	4.652E-01	6.988E-04	9.211E-03	1.071E-03	1.080E+04
3.630E-02	2.809E-04	6.162E-13	4.017E-05	4.541E-01	7.901E-04	8.198E-03	1.371E-03	1.100E+04
4.299E-02	3.631E-04	1.139E-12	5.306E-05	4.418E-01	8.859E-04	7.294E-03	1.723E-03	1.120E+04
5.075E-02	4.633E-04	1.953E-12	6.897E-05	4.282E-01	9.854E-04	6.486E-03	2.124E-03	1.140E+04
5.923E-02	5.834E-04	3.349E-12	8.825E-05	4.134E-01	1.088E-03	5.751E-03	2.570E-03	1.160E+04
6.839E-02	7.254E-04	5.623E-12	1.112E-04	3.975E-01	1.191E-03	5.110E-03	3.053E-03	1.180E+04
7.811E-02	8.912E-04	9.232E-12	1.380E-04	3.807E-01	1.295E-03	4.526E-03	3.563E-03	1.200E+04
8.831E-02	1.082E-03	1.493E-11	1.689E-04	3.632E-01	1.398E-03	4.002E-03	4.085E-03	1.220E+04
9.887E-02	1.300E-03	2.533E-11	2.037E-04	3.451E-01	1.499E-03	3.521E-03	4.607E-03	1.240E+04
1.097E-01	1.546E-03	3.677E-11	2.425E-04	3.266E-01	1.597E-03	3.110E-03	5.113E-03	1.260E+04
1.206E-01	1.820E-03	5.866E-11	2.851E-04	3.080E-01	1.690E-03	2.733E-03	5.591E-03	1.280E+04
1.314E-01	2.124E-03	8.472E-11	3.312E-04	2.895E-01	1.778E-03	2.397E-03	6.029E-03	1.300E+04
1.422E-01	2.456E-03	1.257E-10	3.805E-04	2.713E-01	1.850E-03	2.098E-03	6.417E-03	1.320E+04
1.528E-01	2.818E-03	1.839E-10	4.327E-04	2.534E-01	1.936E-03	1.833E-03	6.749E-03	1.340E+04
1.631E-01	3.209E-03	2.654E-10	4.871E-04	2.361E-01	2.024E-03	1.599E-03	7.019E-03	1.360E+04
1.720E-01	3.629E-03	3.782E-10	5.436E-04	2.195E-01	2.105E-03	1.392E-03	7.226E-03	1.380E+04
1.824E-01	4.077E-03	5.325E-10	6.014E-04	2.036E-01	2.185E-03	1.211E-03	7.370E-03	1.400E+04
1.914E-01	4.552E-03	7.413E-10	6.603E-04	1.885E-01	2.263E-03	1.051E-03	7.452E-03	1.420E+04
2.000E-01	5.053E-03	1.021E-09	7.198E-04	1.743E-01	2.302E-03	9.123E-04	7.478E-03	1.440E+04
2.079E-01	5.580E-03	1.321E-09	7.793E-04	1.609E-01	2.353E-03	7.909E-04	7.451E-03	1.460E+04
2.154E-01	6.131E-03	1.639E-09	8.387E-04	1.444E-01	2.457E-03	6.853E-04	7.377E-03	1.480E+04
2.223E-01	6.706E-03	2.314E-09	8.973E-04	1.358E-01	2.574E-03	5.934E-04	7.251E-03	1.500E+04
2.287E-01	7.303E-03	3.334E-09	9.551E-04	1.260E-01	2.686E-03	5.140E-04	7.110E-03	1.520E+04
2.346E-01	7.922E-03	4.385E-09	1.012E-03	1.160E-01	2.791E-03	4.451E-04	6.930E-03	1.540E+04
2.400E-01	8.561E-03	5.722E-09	1.066E-03	1.068E-01	2.892E-03	3.855E-04	6.725E-03	1.560E+04
2.449E-01	9.220E-03	7.411E-09	1.120E-03	9.833E-02	2.988E-03	3.340E-04	6.502E-03	1.580E+04
2.494E-01	9.898E-03	9.531E-09	1.171E-03	9.052E-02	2.79E-03	2.895E-04	6.265E-03	1.600E+04
2.534E-01	1.059E-02	1.217E-08	1.220E-03	8.334E-02	2.67E-03	2.511E-04	6.018E-03	1.620E+04
2.571E-01	1.130E-02	1.545E-08	1.267E-03	7.676E-02	2.51E-03	2.179E-04	5.765E-03	1.640E+04
2.603E-01	1.203E-02	1.949E-08	1.312E-03	7.072E-02	2.32E-03	1.892E-04	5.508E-03	1.660E+04
2.632E-01	1.278E-02	2.443E-08	1.354E-03	6.519E-02	2.210E-03	1.645E-04	5.252E-03	1.680E+04
2.658E-01	1.357E-02	3.047E-08	1.394E-03	6.012E-02	2.186E-03	1.431E-04	4.977E-03	1.700E+04
2.680E-01	1.430E-02	3.778E-08	1.431E-03	5.547E-02	2.159E-03	1.246E-04	4.746E-03	1.720E+04
2.700E-01	1.509E-02	4.661E-08	1.466E-03	5.122E-02	2.131E-03	1.086E-04	4.500E-03	1.740E+04
2.717E-01	1.588E-02	5.722E-08	1.498E-03	4.732E-02	2.101E-03	9.477E-05	4.261E-03	1.760E+04
2.731E-01	1.668E-02	6.991E-08	1.527E-03	4.374E-02	2.070E-03	8.278E-05	4.029E-03	1.780E+04
2.744E-01	1.750E-02	8.503E-08	1.554E-03	4.046E-02	2.038E-03	7.238E-05	3.805E-03	1.800E+04
2.754E-01	1.822E-02	1.030E-07	1.579E-03	3.746E-02	2.004E-03	6.336E-05	3.589E-03	1.820E+04
2.762E-01	1.915E-02	1.241E-07	1.600E-03	3.470E-02	1.970E-03	5.551E-05	3.383E-03	1.840E+04
2.768E-01	1.999E-02	1.491E-07	1.620E-03	3.216E-02	1.935E-03	4.869E-05	3.185E-03	1.860E+04
2.773E-01	2.084E-02	1.783E-07	1.637E-03	2.983E-02	1.900E-03	4.276E-05	2.997E-03	1.880E+04
2.775E-01	2.169E-02	2.135E-07	1.651E-03	2.769E-02	1.864E-03	3.758E-05	2.817E-03	1.900E+04
2.778E-01	2.255E-02	2.522E-07	1.663E-03	2.572E-02	1.828E-03	3.307E-05	2.647E-03	1.920E+04
2.778E-01	2.341E-02	2.984E-07	1.673E-03	2.340E-02	1.791E-03	2.912E-05	2.485E-03	1.940E+04
2.777E-01	2.427E-02	3.519E-07	1.681E-03	2.223E-02	1.755E-03	2.567E-05	2.332E-03	1.960E+04
2.775E-01	2.514E-02	4.134E-07	1.686E-03	2.068E-02	1.718E-03	2.265E-05	2.187E-03	1.980E+04
2.772E-01	2.601E-02	4.843E-07	1.690E-03	1.926E-02	1.681E-03	2.001E-05	2.050E-03	2.000E+04
2.768E-01	2.683E-02	5.655E-07	1.691E-03	1.794E-02	1.645E-03	1.769E-05	1.921E-03	2.020E+04
2.763E-01	2.775E-02	6.584E-07	1.690E-03	1.672E-02	1.608E-03	1.565E-05	1.799E-03	2.040E+04
2.757E-01	2.862E-02	7.643E-07	1.688E-03	1.559E-02	1.572E-03	1.386E-05	1.684E-03	2.060E+04
2.751E-01	2.949E-02	8.848E-07	1.684E-03	1.455E-02	1.535E-03	1.229E-05	1.576E-03	2.080E+04
2.744E-01	3.036E-02	1.021E-06	1.678E-03	1.358E-02	1.500E-03	1.090E-05	1.475E-03	2.100E+04
2.736E-01	3.123E-02	1.175E-06	1.671E-03	1.268E-02	1.464E-03	9.674E-06	1.380E-03	2.120E+04
2.727E-01	3.210E-02	1.351E-06	1.662E-03	1.185E-02	1.429E-03	8.595E-06	1.290E-03	2.140E+04
2.718E-01	3.294E-02	1.547E-06	1.652E-03	1.108E-02	1.394E-03	7.641E-06	1.205E-03	2.160E+04
2.708E-01	3.382E-02	1.768E-06	1.640E-03	1.036E-02	1.359E-03	6.798E-06	1.128E-03	2.180E+04
2.698E-01	3.467E-02	2.016E-06	1.627E-03	9.589E-03	1.225E-03	5.053E-06	1.054E-03	2.200E+04
2.688E-01	3.552E-02	2.293E-06	1.613E-03	9.068E-03	1.251E-03	5.392E-06	9.847E-04	2.220E+04
2.677E-01	3.637E-02	2.502E-06	1.598E-03	8.489E-03	1.258E-03	4.807E-06	9.200E-04	2.240E+04
2.665E-01	3.721E-02	2.947E-06	1.582E-03	7.950E-03	1.225E-03	4.288E-06	8.594E-04	2.260E+04
2.654E-01	3.804E-02	3.331E-06	1.564E-03	7.448E-03	1.193E-03	3.827E-06	8.028E-04	2.280E+04
2.642E-01	3.887E-02	3.757E-06	1.546E-03	6.980E-03	1.161E-03	3.418E-06	7.498E-04	2.300E+04
2.629E-01	3.970E-02	4.223E-06	1.528E-03	6.543E-03	1.130E-03	3.054E-06	7.003E-04	2.320E+04
2.617E-01	4.051E-02	4.750E-06	1.508E-03	6.135E-03	1.099E-03	2.731E-06	6.540E-04	2.340E+04
2.604E-01	4.132E-02	5.327E-06	1.488E-03	5.754E-03	1.069E-03	2.443E-06	6.107E-04	2.360E+04
2.591E-01	4.213E-02	5.962E-06	1.467E-03	5.399E-03	1.039E-03	2.184E-06	5.703E-04	2.380E+04
2.577E-01	4.293E-02	6.662E-06	1.446E-03	5.067E-03	1.010E-03	1.958E-06	5.325E-04	2.400E+04
2.564E-01	4.372E-02	7.431E-06	1.424E-03	4.756E-03	9.815E-04	1.754E-06	4.973E-04	2.420E+04
2.550E-01	4.450E-02	8.274E-06	1.402E-03	4.465E-03	9.535E-04	1.572E-06	4.644E-04	2.440E+04
2.536E-01	4.528E-02	9.199E-06	1.380E-03	4.193E-03	9.251E-04	1.409E-06	4.336E-04	2.460E+04
2.522E-01	4.605E-02	1.021E-05	1.357E-03	3.939E-03	8.993E-04	1.264E-06	4.050E-04	2.480E+04
2.507E-01	4.681E-02	1.132E-05	1.334E-03	3.701E-03	8.731E-04	1.135E-06	3.782E-04	2.500E+04

Table 11. - Continued.

P/P0 = 8.00E+03

T	E-	0	0+	0++	0-	02	02+	02-
3.000E+02	0.	3.597E-48	3.896E-82	0.	0.	4.574E-11	1.760E-18	0.
4.000E+02	0.	2.705E-37	9.351E-65	0.	0.	4.907E-11	1.760E-18	0.
5.000E+02	0.	9.040E-31	2.727E-54	0.	0.	4.801E-11	1.760E-18	0.
6.000E+02	0.	2.100E-26	2.603E-47	0.	0.	4.833E-11	1.760E-18	0.
7.000E+02	5.442E-83	2.723E-23	2.621E-42	0.	3.779E-92	4.633E-11	1.760E-18	5.975E-83
8.000E+02	6.403E-72	6.696E-21	1.340E-38	0.	3.686E-80	5.610E-11	1.760E-18	7.799E-73
9.000E+02	1.761E-62	1.242E-18	4.054E-36	0.	1.304E-69	4.247E-10	1.760E-18	2.448E-63
1.000E+03	1.468E-54	1.229E-16	2.608E-34	0.	1.238E-60	4.807E-09	1.760E-18	5.033E-55
1.100E+03	4.791E-46	5.443E-15	7.694E-33	0.	2.980E-53	3.809E-08	1.760E-18	3.553E-48
1.200E+03	1.310E-42	1.287E-13	1.295E-31	0.	4.244E-47	2.112E-07	1.760E-18	1.818E-42
1.300E+03	5.294E-38	1.872E-12	1.416E-30	0.	6.827E-42	8.984E-07	1.760E-18	1.227E-37
1.400E+03	4.755E-34	1.860E-11	1.104E-29	0.	1.979E-37	3.102E-06	1.760E-18	1.685E-33
1.500E+03	1.281E-30	1.362E-10	6.565E-29	0.	1.455E-33	9.064E-06	1.760E-18	6.477E-30
1.600E+03	1.295E-27	7.778E-10	3.131E-28	0.	3.513E-30	2.313E-05	1.760E-18	8.842E-27
1.700E+03	5.866E-25	3.620E-09	1.245E-27	0.	3.387E-27	5.279E-05	1.760E-18	5.148E-24
1.800E+03	1.352E-22	1.421E-08	4.239E-27	0.	1.519E-24	1.098E-04	1.762E-18	1.472E-21
1.900E+03	1.572E-20	4.829E-08	1.434E-26	0.	3.181E-22	7.111E-04	1.982E-18	2.060E-19
2.000E+03	3.426E-19	1.452E-07	1.444E-25	0.	1.167E-20	3.798E-04	7.362E-18	5.249E-18
2.100E+03	2.639E-18	3.934E-07	2.457E-24	0.	1.437E-19	6.455E-04	5.096E-17	4.642E-17
2.200E+03	1.547E-17	9.730E-07	3.546E-23	3.59E-88	1.281E-18	1.044E-03	3.246E-16	3.061E-16
2.300E+03	7.726E-17	2.224E-06	4.115E-22	2.928E-84	9.331E-18	1.618E-03	1.779E-15	1.691E-15
2.400E+03	3.381E-16	4.744E-06	3.896E-21	1.131E-80	5.745E-17	2.415E-03	8.465E-15	8.070E-15
2.500E+03	1.319E-15	9.521E-06	3.083E-20	2.258E-77	3.054E-16	3.485E-03	3.553E-14	3.392E-14
2.600E+03	4.651E-15	1.310E-05	2.081E-19	2.515E-74	1.427E-15	4.882E-03	1.334E-13	1.274E-13
2.700E+03	1.498E-14	3.280E-05	1.219E-18	1.667E-71	5.938E-15	6.640E-03	4.533E-13	4.328E-13
2.800E+03	4.452E-14	5.691E-05	6.294E-18	6.946E-69	2.230E-14	8.871E-03	1.410E-12	1.344E-12
2.900E+03	1.231E-13	9.500E-05	2.900E-17	1.910E-66	7.633E-14	1.156E-02	4.046E-12	3.853E-12
3.000E+03	3.186E-13	1.531E-04	1.207E-16	3.610E-64	2.404E-13	1.478E-02	1.081E-11	1.027E-11
3.100E+03	7.775E-13	2.391E-04	4.575E-16	4.867E-62	7.020E-13	1.855E-02	2.703E-11	2.561E-11
3.200E+03	1.798E-12	3.626E-04	1.595E-15	4.827E-60	1.914E-12	2.200E-02	6.369E-11	6.018E-11
3.300E+03	3.960E-12	5.357E-04	5.154E-15	3.622E-58	4.904E-12	2.783E-02	1.422E-10	1.339E-10
3.400E+03	8.341E-12	7.724E-04	1.552E-14	2.106E-56	1.187E-11	3.336E-02	3.019E-10	2.831E-10
3.500E+03	1.686E-11	1.089E-03	4.387E-14	9.716E-55	2.725E-11	3.946E-02	6.174E-10	5.719E-10
3.600E+03	3.284E-11	1.505E-03	1.169E-13	3.619E-53	5.964E-11	4.610E-02	1.15E-09	1.107E-09
3.700E+03	6.177E-11	2.040E-03	2.951E-13	1.107E-51	1.249E-10	5.323E-02	2.228E-09	2.061E-09
3.800E+03	1.125E-10	2.716E-03	7.087E-13	2.832E-50	2.509E-10	6.082E-02	4.021E-09	3.699E-09
3.900E+03	1.990E-10	3.559E-03	1.625E-12	6.124E-49	4.854E-10	6.878E-02	7.018E-09	6.418E-09
4.000E+03	3.426E-10	4.594E-03	3.571E-12	1.135E-47	9.066E-10	7.784E-02	1.187E-08	1.079E-08
4.100E+03	5.747E-10	5.845E-03	7.543E-12	1.822E-46	1.639E-09	8.552E-02	1.952E-08	1.763E-08
4.200E+03	9.417E-10	7.339E-03	1.535E-11	2.561E-45	2.874E-09	9.412E-02	3.123E-08	2.801E-08
4.300E+03	1.509E-09	9.103E-03	3.020E-11	3.182E-44	4.898E-09	1.028E-01	4.873E-08	4.338E-08
4.400E+03	2.370E-09	1.116E-02	5.752E-11	3.523E-43	8.129E-09	1.114E-01	7.426E-08	6.561E-08
4.500E+03	3.649E-09	1.354E-02	1.063E-10	3.502E-42	1.316E-08	1.198E-01	1.107E-07	9.703E-08
4.600E+03	5.519E-09	1.625E-02	1.911E-10	3.148E-41	2.082E-08	1.280E-01	1.617E-07	1.405E-07
4.700E+03	8.207E-09	1.932E-02	3.347E-10	2.575E-40	3.221E-08	1.359E-01	2.315E-07	1.995E-07
4.800E+03	1.201E-08	2.277E-02	5.718E-10	1.928E-39	4.884E-08	1.434E-01	3.256E-07	2.780E-07
4.900E+03	1.732E-08	2.661E-02	9.545E-10	1.329E-38	7.264E-08	1.505E-01	4.501E-07	3.808E-07
5.000E+03	2.462E-08	3.086E-02	1.559E-09	8.472E-38	1.061E-07	1.570E-01	6.124E-07	5.129E-07
5.100E+03	3.453E-08	3.550E-02	2.495E-09	5.019E-37	1.523E-07	1.631E-01	8.205E-07	6.804E-07
5.200E+03	4.783E-08	4.057E-02	3.917E-09	2.775E-36	2.152E-07	1.685E-01	1.084E-06	8.893E-07
5.300E+03	6.548E-08	4.604E-02	6.037E-09	1.437E-35	2.994E-07	1.733E-01	1.412E-06	1.147E-06
5.400E+03	8.863E-08	5.193E-02	9.147E-09	6.998E-35	4.106E-07	1.775E-01	1.817E-06	1.459E-06
5.500E+03	1.187E-07	5.822E-02	1.364E-08	3.215E-34	5.555E-07	1.810E-01	2.310E-06	1.834E-06
5.600E+03	1.574E-07	6.490E-02	2.002E-08	1.398E-33	7.420E-07	1.839E-01	2.903E-06	2.278E-06
5.700E+03	2.067E-07	7.196E-02	2.896E-08	5.768E-33	9.791E-07	1.861E-01	3.609E-06	2.799E-06
5.800E+03	2.690E-07	7.939E-02	4.132E-08	2.265E-32	1.277E-06	1.878E-01	4.441E-06	3.403E-06
5.900E+03	3.41E-07	8.717E-02	5.819E-08	8.484E-32	1.648E-06	1.888E-01	5.412E-06	4.097E-06
6.000E+03	4.442E-07	9.528E-02	8.092E-08	3.039E-31	2.105E-06	1.892E-01	6.535E-06	4.887E-06
6.100E+03	5.641E-07	1.037E-01	1.112E-07	1.043E-30	2.661E-06	1.891E-01	7.821E-06	5.777E-06
6.200E+03	7.112E-07	1.124E-01	1.511E-07	3.438E-30	3.334E-06	1.884E-01	9.282E-06	6.771E-06
6.300E+03	8.903E-07	1.213E-01	2.031E-07	1.090E-29	4.140E-06	1.873E-01	1.093E-05	7.874E-06
6.400E+03	1.107E-06	1.305E-01	2.702E-07	3.329E-29	5.097E-06	1.857E-01	1.277E-05	9.087E-06
6.500E+03	1.368E-06	1.398E-01	3.560E-07	9.831E-29	6.227E-06	1.836E-01	1.481E-05	1.041E-05
6.600E+03	1.680E-06	1.493E-01	4.645E-07	2.804E-28	7.548E-06	1.812E-01	1.706E-05	1.185E-05
6.700E+03	2.052E-06	1.590E-01	6.007E-07	7.745E-28	9.085E-06	1.784E-01	1.952E-05	1.339E-05
6.800E+03	2.493E-06	1.687E-01	7.700E-07	2.074E-27	1.036E-05	1.753E-01	2.220E-05	1.505E-05
6.900E+03	3.012E-06	1.785E-01	9.790E-07	5.391E-27	1.290E-05	1.719E-01	2.508E-05	1.681E-05
7.000E+03	3.622E-06	1.884E-01	1.235E-06	1.362E-26	1.522E-05	1.682E-01	2.818E-05	1.867E-05
7.100E+03	4.335E-06	1.983E-01	1.545E-06	3.349E-26	1.786E-05	1.644E-01	3.147E-05	2.063E-05
7.200E+03	5.165E-06	2.081E-01	1.920E-06	8.022E-26	2.084E-05	1.603E-01	3.496E-05	2.268E-05
7.300E+03	6.128E-06	2.179E-01	2.368E-06	1.876E-25	2.418E-05	1.561E-01	3.864E-05	2.481E-05
7.400E+03	7.241E-06	2.277E-01	2.901E-06	4.271E-25	2.793E-05	1.518E-01	4.249E-05	2.703E-05
7.500E+03	8.523E-06	2.373E-01	3.531E-06	9.510E-25	3.209E-05	1.474E-01	4.649E-05	2.932E-05
7.600E+03	9.995E-06	2.468E-01	4.279E-06	2.071E-24	3.672E-05	1.430E-01	5.064E-05	3.167E-05
7.700E+03	1.168E-05	2.562E-01	5.133E-06	4.412E-24	4.182E-05	1.384E-01	5.491E-05	3.409E-05
7.800E+03	1.361E-05	2.655E-01	6.132E-06	9.205E-24	4.744E-05	1.339E-01	5.928E-05	3.655E-05
7.900E+03	1.580E-05	2.745E-01	7.285E-06	1.882E-23	5.361E-05	1.294E-01	6.373E-05	3.906E-05
8.000E+03	1.829E-05	2.834E-01	8.607E-06	3.775E-23	6.035E-05	1.249E-01	6.825E-05	4.161E-05
8.100E+03	2.103E-05	3.005E-01	1.183E-05	1.436E-22	7.570E-05	1.160E-01	7.739E-05	4.681E-05
8.200E+03	2.430E-05	3.166E-01	1.593E-05	5.093E-22	9.377E-05	1.075E-01	8.654E-05	5.209E-05
8.300E+03	2.812E-05	3.319E-01	2.107E-05	1.692E-21	1.148E-04	9.927E-02	9.553E-05	5.742E-05

Table II. - Continued.

P/P0 = 8.00E+03

C	C+	C-	C0	C0+	C02	C2	T
0.	0.	0.	0.	2.894E-42	2.618E-82	1.000E+00	3.000E+02
0.	0.	0.	0.	5.897E-30	6.593E-62	1.000E+00	4.000E+02
0.	0.	0.	0.	1.530E-22	1.580E-49	1.000E+00	5.000E+02
4.994E-83	4.228E-34	0.	0.	1.326E-17	2.706E-41	1.000E+00	6.000E+02
3.593E-69	4.375E-71	0.	0.	4.554E-14	2.211E-35	1.000E+00	7.000E+02
7.167E-59	1.390E-61	0.	0.	1.821E-11	4.292E-31	1.000E+00	8.000E+02
1.133E-51	8.114E-35	0.	0.	7.495E-10	5.555E-29	1.000E+00	9.000E+02
2.864E-46	6.426E-52	0.	0.	9.678E-09	7.881E-28	1.000E+00	1.000E+03
7.149E-42	8.944E-49	0.	0.	7.608E-08	5.341E-27	1.000E+00	1.100E+03
3.301E-38	3.718E-46	0.	0.	4.233E-07	3.584E-26	1.000E+00	1.200E+03
4.168E-35	6.134E-44	0.	0.	1.797E-06	1.552E-25	1.000E+00	1.300E+03
1.901E-32	4.906E-42	0.	0.	6.204E-06	5.450E-25	1.000E+00	1.400E+03
3.838E-30	2.194E-40	2.564E-95	7.659E-54	1.813E-05	1.620E-24	1.000E+00	1.500E+03
3.995E-28	6.119E-39	1.091E-91	3.742E-49	4.626E-05	4.202E-24	9.999E-01	1.600E+03
2.411E-26	1.157E-37	1.745E-88	5.129E-45	1.056E-04	5.748E-24	9.998E-01	1.700E+03
9.231E-23	1.583E-35	1.237E-85	2.436E-41	2.196E-04	2.062E-23	9.997E-01	1.800E+03
2.410E-23	1.852E-35	5.559E-83	4.217E-38	4.12E-04	4.532E-23	9.994E-01	1.900E+03
4.543E-22	5.473E-34	1.525E-79	1.035E-35	7.598E-04	3.077E-22	9.990E-01	2.000E+03
6.478E-21	2.655E-32	8.708E-76	7.129E-34	1.291E-03	3.677E-21	9.981E-01	2.100E+03
7.258E-20	9.625E-31	2.784E-72	3.040E-32	2.090E-03	2.849E-20	9.959E-01	2.200E+03
6.593E-19	2.585E-29	4.403E-69	9.245E-31	7.239E-03	3.319E-19	9.951E-01	2.300E+03
4.985E-18	5.291E-28	3.920E-66	2.111E-29	4.824E-03	2.397E-18	9.927E-01	2.400E+03
3.206E-17	8.514E-27	1.997E-63	3.750E-28	6.979E-03	1.476E-17	9.895E-01	2.500E+03
1.787E-16	1.107E-25	6.303E-61	5.336E-27	9.782E-03	7.901E-17	9.853E-01	2.600E+03
8.774E-16	1.187E-24	1.302E-58	6.235E-26	1.335E-02	3.731E-16	9.800E-01	2.700E+03
3.844E-15	1.081E-23	1.839E-56	6.108E-25	1.780E-02	1.570E-15	9.733E-01	2.800E+03
1.521E-14	8.437E-23	1.945E-54	5.108E-24	2.322E-02	6.012E-15	9.651E-01	2.900E+03
5.488E-14	5.714E-22	1.263E-52	3.706E-23	2.971E-02	2.096E-14	9.554E-01	3.000E+03
1.823E-13	3.451E-21	7.633E-51	2.364E-22	3.733E-02	6.733E-14	9.439E-01	3.100E+03
5.614E-13	1.849E-20	3.325E-49	1.342E-21	4.615E-02	2.307E-13	9.307E-01	3.200E+03
1.614E-12	9.001E-20	1.153E-47	6.847E-21	5.520E-02	5.343E-13	9.154E-01	3.300E+03
4.361E-12	3.980E-19	5.244E-46	3.172E-20	6.749E-02	1.463E-12	8.985E-01	3.400E+03
1.112E-11	1.616E-18	7.548E-45	1.344E-19	8.000E-02	3.517E-12	8.795E-01	3.500E+03
2.691E-11	6.070E-18	1.475E-43	5.253E-19	9.370E-02	8.487E-12	8.587E-01	3.600E+03
6.205E-11	2.121E-17	2.454E-42	1.904E-18	1.085E-01	1.897E-11	8.362E-01	3.700E+03
1.358E-10	6.940E-17	3.522E-41	6.443E-18	1.244E-01	4.037E-11	8.121E-01	3.800E+03
7.844E-10	2.126E-16	4.409E-40	2.045E-17	1.411E-01	8.323E-11	7.865E-01	3.900E+03
5.893E-10	6.210E-16	4.463E-39	6.118E-17	1.587E-01	1.644E-10	7.597E-01	4.000E+03
1.158E-09	1.713E-15	4.782E-38	1.733E-16	1.769E-01	3.122E-10	7.318E-01	4.100E+03
2.202E-09	4.503E-15	4.207E-37	4.664E-15	1.956E-01	5.775E-10	7.029E-01	4.200E+03
4.061E-09	1.131E-14	3.349E-36	1.197E-15	2.146E-01	1.052E-09	6.735E-01	4.300E+03
7.279E-09	2.721E-14	2.426E-35	2.941E-15	2.339E-01	1.794E-09	6.435E-01	4.400E+03
1.270E-08	6.297E-14	1.009E-34	6.931E-15	2.531E-01	3.033E-09	6.135E-01	4.500E+03
2.162E-08	1.405E-13	9.438E-34	1.572E-14	2.723E-01	5.002E-09	5.835E-01	4.600E+03
3.536E-08	3.029E-13	5.570E-33	3.437E-14	2.911E-01	8.062E-09	5.536E-01	4.700E+03
5.652E-08	6.323E-13	2.434E-32	7.268E-14	3.096E-01	1.271E-08	5.242E-01	4.800E+03
9.331E-08	1.280E-12	1.445E-31	1.489E-13	3.276E-01	1.962E-08	4.953E-01	4.900E+03
1.450E-07	2.519E-12	6.679E-31	2.961E-13	3.449E-01	2.972E-08	4.672E-01	5.000E+03
2.242E-07	4.827E-12	2.919E-30	5.725E-13	3.616E-01	4.421E-08	4.398E-01	5.100E+03
3.388E-07	9.021E-12	1.194E-29	1.078E-12	3.775E-01	6.466E-08	4.134E-01	5.200E+03
5.037E-07	1.547E-11	4.578E-29	1.981E-12	3.926E-01	9.308E-08	3.881E-01	5.300E+03
7.379E-07	2.942E-11	1.734E-28	3.556E-12	4.088E-01	1.320E-07	3.638E-01	5.400E+03
1.060E-06	5.143E-11	5.153E-28	6.245E-12	4.202E-01	1.845E-07	3.406E-01	5.500E+03
1.519E-06	8.967E-11	2.090E-27	1.074E-11	4.327E-01	2.546E-07	3.186E-01	5.600E+03
2.139E-06	1.493E-10	5.755E-27	1.812E-11	4.442E-01	3.459E-07	2.977E-01	5.700E+03
2.977E-06	2.470E-10	2.123E-26	3.000E-11	4.549E-01	4.271E-07	2.779E-01	5.800E+03
4.096E-06	4.010E-10	6.385E-26	4.882E-11	4.647E-01	5.219E-07	2.593E-01	5.900E+03
5.578E-06	6.438E-10	1.333E-25	7.813E-11	4.737E-01	8.195E-07	2.418E-01	6.000E+03
7.520E-06	1.016E-09	5.198E-25	1.231E-10	4.819E-01	1.069E-06	2.253E-01	6.100E+03
1.005E-05	1.580E-09	1.411E-24	1.912E-10	4.893E-01	1.382E-06	2.099E-01	6.200E+03
1.330E-05	2.426E-09	3.715E-24	2.924E-10	4.959E-01	1.770E-06	1.955E-01	6.300E+03
1.745E-05	3.675E-09	9.498E-24	4.417E-10	5.018E-01	2.248E-06	1.820E-01	6.400E+03
2.275E-05	5.502E-09	2.561E-23	6.598E-10	5.071E-01	2.452E-06	1.694E-01	6.500E+03
2.941E-05	8.141E-09	5.713E-23	9.728E-10	5.117E-01	3.340E-06	1.577E-01	6.600E+03
3.774E-05	1.191E-08	1.377E-22	1.418E-09	5.158E-01	4.394E-06	1.468E-01	6.700E+03
4.812E-05	1.725E-08	3.101E-22	2.045E-09	5.193E-01	5.417E-06	1.366E-01	6.800E+03
6.093E-05	2.472E-08	5.972E-22	2.920E-09	5.223E-01	6.633E-06	1.271E-01	6.900E+03
7.674E-05	3.569E-08	1.533E-21	4.129E-09	5.248E-01	8.071E-06	1.182E-01	7.000E+03
9.604E-05	4.935E-08	3.207E-21	5.785E-09	5.270E-01	9.761E-06	1.102E-01	7.100E+03
1.195E-04	6.879E-08	6.446E-21	8.034E-09	5.287E-01	1.174E-05	1.026E-01	7.200E+03
1.480E-04	9.504E-08	1.435E-20	1.107E-08	5.301E-01	1.404E-05	9.557E-02	7.300E+03
1.823E-04	1.303E-07	2.407E-20	1.512E-08	5.311E-01	1.679E-05	8.905E-02	7.400E+03
2.235E-04	1.772E-07	5.782E-20	2.051E-08	5.319E-01	1.976E-05	8.249E-02	7.500E+03
2.727E-04	2.392E-07	1.130E-19	2.762E-08	5.324E-01	2.327E-05	7.737E-02	7.600E+03
3.212E-04	3.205E-07	2.173E-19	3.694E-08	5.326E-01	2.727E-05	7.216E-02	7.700E+03
4.007E-04	4.264E-07	4.094E-19	4.909E-08	5.327E-01	3.181E-05	6.733E-02	7.800E+03
4.827E-04	5.533E-07	7.420E-19	6.482E-08	5.328E-01	3.695E-05	6.283E-02	7.900E+03
5.791E-04	7.394E-07	1.345E-18	8.508E-08	5.322E-01	4.274E-05	5.869E-02	8.000E+03
6.844E-04	1.253E-06	4.471E-18	1.441E-07	5.311E-01	5.449E-05	5.125E-02	8.100E+03
1.157E-03	2.067E-06	1.355E-17	2.391E-07	5.295E-01	7.352E-05	4.485E-02	8.200E+03
1.602E-03	3.326E-06	3.495E-17	3.898E-07	5.275E-01	9.433E-05	3.932E-02	8.300E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.800E+03	5.371E-05	3.462E-01	2.739E-05	5.289E-21	1.391E-04	9.151E-02	1.042E-04	6.278E-05
9.000E+03	6.875E-05	3.595E-01	3.506E-05	1.562E-20	1.671E-04	8.423E-02	1.125E-04	6.814E-05
9.200E+03	8.731E-05	3.719E-01	4.423E-05	4.378E-20	1.988E-04	7.746E-02	1.204E-04	7.349E-05
9.400E+03	1.101E-04	3.834E-01	5.506E-05	1.168E-19	2.349E-04	7.121E-02	1.278E-04	7.883E-05
9.600E+03	1.378E-04	3.942E-01	6.772E-05	2.977E-19	2.754E-04	6.546E-02	1.346E-04	8.413E-05
9.800E+03	1.713E-04	4.043E-01	8.238E-05	7.274E-19	3.208E-04	6.022E-02	1.410E-04	8.942E-05
1.000E+04	2.117E-04	4.137E-01	9.925E-05	1.709E-18	3.714E-04	5.545E-02	1.470E-04	9.470E-05
1.020E+04	2.598E-04	4.226E-01	1.185E-04	3.874E-18	4.275E-04	5.114E-02	1.526E-04	9.997E-05
1.040E+04	3.169E-04	4.312E-01	1.404E-04	8.493E-18	4.894E-04	4.725E-02	1.579E-04	1.052E-04
1.060E+04	3.841E-04	4.394E-01	1.652E-04	1.805E-17	5.573E-04	4.375E-02	1.631E-04	1.105E-04
1.080E+04	4.627E-04	4.474E-01	1.932E-04	3.731E-17	6.316E-04	4.062E-02	1.683E-04	1.158E-04
1.100E+04	5.541E-04	4.553E-01	2.248E-04	7.513E-17	7.124E-04	3.780E-02	1.735E-04	1.211E-04
1.120E+04	6.595E-04	4.631E-01	2.604E-04	1.477E-16	7.998E-04	3.529E-02	1.789E-04	1.264E-04
1.140E+04	7.802E-04	4.709E-01	3.004E-04	2.840E-16	8.939E-04	3.304E-02	1.845E-04	1.317E-04
1.160E+04	9.177E-04	4.788E-01	3.433E-04	5.349E-16	9.947E-04	3.101E-02	1.904E-04	1.370E-04
1.180E+04	1.073E-03	4.867E-01	3.956E-04	9.885E-16	1.102E-03	2.920E-02	1.967E-04	1.423E-04
1.200E+04	1.248E-03	4.946E-01	4.520E-04	1.794E-15	1.216E-03	2.756E-02	2.034E-04	1.474E-04
1.220E+04	1.443E-03	5.025E-01	5.151E-04	3.203E-15	1.336E-03	2.607E-02	2.105E-04	1.525E-04
1.240E+04	1.660E-03	5.104E-01	5.856E-04	5.628E-15	1.461E-03	2.472E-02	2.181E-04	1.573E-04
1.260E+04	1.900E-03	5.182E-01	6.640E-04	9.738E-15	1.592E-03	2.348E-02	2.260E-04	1.620E-04
1.280E+04	2.164E-03	5.260E-01	7.511E-04	1.661E-14	1.727E-03	2.234E-02	2.344E-04	1.664E-04
1.300E+04	2.453E-03	5.335E-01	8.476E-04	2.793E-14	1.867E-03	2.128E-02	2.431E-04	1.705E-04
1.320E+04	2.768E-03	5.409E-01	9.543E-04	4.635E-14	2.010E-03	2.029E-02	2.521E-04	1.742E-04
1.340E+04	3.111E-03	5.479E-01	1.072E-03	7.593E-14	2.156E-03	1.936E-02	2.614E-04	1.775E-04
1.360E+04	3.482E-03	5.547E-01	1.201E-03	1.226E-13	2.304E-03	1.848E-02	2.709E-04	1.805E-04
1.380E+04	3.882E-03	5.611E-01	1.342E-03	1.962E-13	2.454E-03	1.765E-02	2.805E-04	1.830E-04
1.400E+04	4.312E-03	5.672E-01	1.496E-03	3.099E-13	2.604E-03	1.686E-02	2.903E-04	1.851E-04
1.420E+04	4.774E-03	5.729E-01	1.664E-03	4.839E-13	2.755E-03	1.612E-02	3.002E-04	1.867E-04
1.440E+04	5.269E-03	5.781E-01	1.846E-03	7.472E-13	2.906E-03	1.540E-02	3.102E-04	1.879E-04
1.460E+04	5.796E-03	5.830E-01	2.044E-03	1.141E-12	3.056E-03	1.472E-02	3.201E-04	1.886E-04
1.480E+04	6.358E-03	5.875E-01	2.257E-03	1.726E-12	3.206E-03	1.407E-02	3.300E-04	1.889E-04
1.500E+04	6.954E-03	5.916E-01	2.487E-03	2.584E-12	3.353E-03	1.345E-02	3.399E-04	1.889E-04
1.520E+04	7.587E-03	5.954E-01	2.734E-03	3.930E-12	3.499E-03	1.285E-02	3.497E-04	1.884E-04
1.540E+04	8.256E-03	5.987E-01	3.000E-03	5.625E-12	3.642E-03	1.229E-02	3.595E-04	1.876E-04
1.560E+04	8.962E-03	6.017E-01	3.284E-03	8.186E-12	3.782E-03	1.174E-02	3.691E-04	1.865E-04
1.580E+04	9.707E-03	6.044E-01	3.588E-03	1.181E-11	3.920E-03	1.123E-02	3.786E-04	1.851E-04
1.600E+04	1.049E-02	6.067E-01	3.912E-03	1.690E-11	4.054E-03	1.073E-02	3.880E-04	1.834E-04
1.620E+04	1.131E-02	6.087E-01	4.258E-03	2.398E-11	4.185E-03	1.026E-02	3.973E-04	1.814E-04
1.640E+04	1.218E-02	6.105E-01	4.626E-03	3.375E-11	4.313E-03	9.813E-03	4.065E-04	1.793E-04
1.660E+04	1.308E-02	6.120E-01	5.016E-03	4.716E-11	4.436E-03	9.385E-03	4.155E-04	1.769E-04
1.680E+04	1.402E-02	6.132E-01	5.430E-03	6.540E-11	4.556E-03	8.976E-03	4.243E-04	1.744E-04
1.700E+04	1.501E-02	6.142E-01	5.869E-03	9.006E-11	4.672E-03	8.587E-03	4.330E-04	1.717E-04
1.720E+04	1.604E-02	6.150E-01	6.333E-03	1.232E-10	4.784E-03	8.216E-03	4.416E-04	1.688E-04
1.740E+04	1.711E-02	6.157E-01	6.822E-03	1.673E-10	4.891E-03	7.862E-03	4.500E-04	1.659E-04
1.760E+04	1.822E-02	6.159E-01	7.339E-03	2.258E-10	4.994E-03	7.525E-03	4.582E-04	1.628E-04
1.780E+04	1.938E-02	6.161E-01	7.882E-03	3.029E-10	5.093E-03	7.204E-03	4.662E-04	1.597E-04
1.800E+04	2.058E-02	6.161E-01	8.454E-03	4.038E-10	5.187E-03	6.897E-03	4.741E-04	1.564E-04
1.820E+04	2.182E-02	6.159E-01	9.055E-03	5.352E-10	5.277E-03	6.605E-03	4.818E-04	1.532E-04
1.840E+04	2.311E-02	6.156E-01	9.686E-03	7.054E-10	5.362E-03	6.327E-03	4.893E-04	1.499E-04
1.860E+04	2.444E-02	6.151E-01	1.035E-02	9.246E-10	5.443E-03	6.061E-03	4.966E-04	1.465E-04
1.880E+04	2.582E-02	6.145E-01	1.104E-02	1.205E-09	5.519E-03	5.807E-03	5.037E-04	1.431E-04
1.900E+04	2.723E-02	6.138E-01	1.176E-02	1.563E-09	5.590E-03	5.565E-03	5.105E-04	1.397E-04
1.920E+04	2.869E-02	6.129E-01	1.252E-02	2.019E-09	5.657E-03	5.334E-03	5.172E-04	1.363E-04
1.940E+04	3.020E-02	6.119E-01	1.331E-02	2.591E-09	5.719E-03	5.113E-03	5.237E-04	1.329E-04
1.960E+04	3.175E-02	6.108E-01	1.413E-02	3.312E-09	5.776E-03	4.902E-03	5.299E-04	1.295E-04
1.980E+04	3.334E-02	6.096E-01	1.498E-02	4.213E-09	5.829E-03	4.700E-03	5.359E-04	1.261E-04
2.000E+04	3.497E-02	6.083E-01	1.588E-02	5.336E-09	5.877E-03	4.507E-03	5.416E-04	1.227E-04
2.020E+04	3.665E-02	6.069E-01	1.680E-02	6.730E-09	5.921E-03	4.322E-03	5.471E-04	1.194E-04
2.040E+04	3.837E-02	6.053E-01	1.776E-02	8.451E-09	5.960E-03	4.145E-03	5.523E-04	1.160E-04
2.060E+04	4.013E-02	6.037E-01	1.876E-02	1.057E-08	5.994E-03	3.976E-03	5.573E-04	1.127E-04
2.080E+04	4.193E-02	6.020E-01	1.979E-02	1.316E-08	6.024E-03	3.814E-03	5.620E-04	1.095E-04
2.100E+04	4.377E-02	6.002E-01	2.086E-02	1.633E-08	6.050E-03	3.658E-03	5.664E-04	1.063E-04
2.120E+04	4.565E-02	5.983E-01	2.196E-02	2.019E-08	6.071E-03	3.510E-03	5.705E-04	1.031E-04
2.140E+04	4.758E-02	5.963E-01	2.310E-02	2.486E-08	6.088E-03	3.367E-03	5.743E-04	9.992E-05
2.160E+04	4.954E-02	5.942E-01	2.428E-02	3.050E-08	6.100E-03	3.230E-03	5.778E-04	9.682E-05
2.180E+04	5.155E-02	5.921E-01	2.549E-02	3.729E-08	6.109E-03	3.099E-03	5.810E-04	9.377E-05
2.200E+04	5.359E-02	5.898E-01	2.674E-02	4.544E-08	6.113E-03	2.973E-03	5.837E-04	9.077E-05
2.220E+04	5.567E-02	5.875E-01	2.803E-02	5.518E-08	6.113E-03	2.852E-03	5.865E-04	8.782E-05
2.240E+04	5.778E-02	5.851E-01	2.935E-02	6.679E-08	6.110E-03	2.736E-03	5.888E-04	8.492E-05
2.260E+04	5.994E-02	5.826E-01	3.071E-02	8.059E-08	6.102E-03	2.624E-03	5.907E-04	8.208E-05
2.280E+04	6.213E-02	5.801E-01	3.210E-02	9.611E-08	6.091E-03	2.517E-03	5.924E-04	7.930E-05
2.300E+04	6.435E-02	5.775E-01	3.353E-02	1.137E-07	6.076E-03	2.414E-03	5.937E-04	7.657E-05
2.320E+04	6.661E-02	5.748E-01	3.501E-02	1.347E-07	6.057E-03	2.315E-03	5.947E-04	7.390E-05
2.340E+04	6.890E-02	5.721E-01	3.650E-02	1.597E-07	6.035E-03	2.220E-03	5.953E-04	7.129E-05
2.360E+04	7.123E-02	5.693E-01	3.804E-02	1.869E-07	6.009E-03	2.129E-03	5.956E-04	6.873E-05
2.380E+04	7.359E-02	5.664E-01	3.961E-02	2.235E-07	5.980E-03	2.041E-03	5.956E-04	6.624E-05
2.400E+04	7.598E-02	5.634E-01	4.121E-02	2.760E-07	5.948E-03	1.957E-03	5.953E-04	6.381E-05
2.420E+04	7.840E-02	5.604E-01	4.285E-02	3.255E-07	5.913E-03	1.876E-03	5.946E-04	6.144E-05
2.440E+04	8.085E-02	5.574E-01	4.451E-02	3.828E-07	5.875E-03	1.798E-03	5.937E-04	5.913E-05
2.460E+04	8.333E-02	5.543E-01	4.621E-02	4.491E-07	5.835E-03	1.723E-03	5.924E-04	5.687E-05
2.480E+04	8.584E-02	5.511E-01	4.795E-02	5.255E-07	5.791E-03	1.651E-03	5.908E-04	5.468E-05
2.500E+04	8.837E-02	5.479E-01	4.971E-02	6.135E-07	5.745E-03	1.582E-03	5.889E-04	5.256E-05



Table II. - Continued.

C	C+	C++	C-	C0	C0+	C02	C2	T
2.191E-03	5.251E-06	1.066E-16	6.208E-07	5.250E-01	1.194E-04	3.455E-02	3.299E-05	6.800E+03
2.960E-03	8.122E-06	2.783E-16	9.741E-07	5.222E-01	1.442E-04	3.043E-02	4.975E-05	9.030E+03
3.953E-03	1.232E-05	6.956E-16	1.503E-06	5.190E-01	1.842E-04	2.635E-02	7.388E-05	9.200E+03
5.219E-03	1.835E-05	1.638E-15	2.283E-06	5.154E-01	2.249E-04	2.374E-02	1.080E-04	9.400E+03
6.815E-03	2.685E-05	3.847E-15	3.414E-06	5.113E-01	2.716E-04	2.103E-02	1.556E-04	9.600E+03
8.803E-03	3.862E-05	8.551E-15	5.028E-06	5.077E-01	3.246E-04	1.867E-02	2.208E-04	9.800E+03
1.125E-02	5.464E-05	1.635E-14	7.292E-06	5.013E-01	3.842E-04	1.659E-02	3.083E-04	1.000E+04
1.421E-02	7.510E-05	3.012E-14	1.042E-05	4.952E-01	4.505E-04	1.477E-02	4.238E-04	1.020E+04
1.777E-02	1.044E-04	7.272E-14	1.467E-05	4.882E-01	5.234E-04	1.316E-02	5.730E-04	1.040E+04
2.198E-02	1.410E-04	1.499E-13	2.033E-05	4.802E-01	6.029E-04	1.174E-02	7.619E-04	1.060E+04
2.688E-02	1.879E-04	2.947E-13	2.776E-05	4.712E-01	6.885E-04	1.047E-02	9.958E-04	1.080E+04
3.252E-02	2.467E-04	5.266E-13	3.731E-05	4.609E-01	7.749E-04	9.348E-03	1.279E-03	1.100E+04
3.891E-02	3.196E-04	9.474E-13	4.940E-05	4.495E-01	8.763E-04	8.341E-03	1.613E-03	1.120E+04
4.605E-02	4.085E-04	1.671E-12	6.439E-05	4.368E-01	9.769E-04	7.438E-03	1.999E-03	1.140E+04
5.390E-02	5.155E-04	2.974E-12	8.267E-05	4.230E-01	1.081E-03	6.628E-03	2.432E-03	1.160E+04
6.242E-02	6.427E-04	4.837E-12	1.045E-04	4.081E-01	1.187E-03	5.900E-03	2.977E-03	1.180E+04
7.153E-02	7.917E-04	7.974E-12	1.303E-04	3.922E-01	1.294E-03	5.245E-03	3.614E-03	1.200E+04
8.116E-02	9.642E-04	1.289E-11	1.601E-04	3.755E-01	1.401E-03	4.655E-03	4.453E-03	1.220E+04
9.119E-02	1.152E-03	2.045E-11	1.940E-04	3.581E-01	1.507E-03	4.124E-03	5.478E-03	1.240E+04
1.012E-01	1.385E-03	3.184E-11	2.320E-04	3.403E-01	1.610E-03	3.647E-03	6.008E-03	1.260E+04
1.120E-01	1.636E-03	4.889E-11	2.740E-04	3.223E-01	1.710E-03	3.219E-03	6.518E-03	1.280E+04
1.226E-01	1.914E-03	7.773E-11	3.198E-04	3.041E-01	1.805E-03	2.826E-03	7.095E-03	1.300E+04
1.332E-01	2.220E-03	1.077E-10	3.690E-04	2.861E-01	1.894E-03	2.494E-03	7.629E-03	1.320E+04
1.436E-01	2.555E-03	1.609E-10	4.215E-04	2.684E-01	1.978E-03	2.189E-03	8.111E-03	1.340E+04
1.538E-01	2.917E-03	2.325E-10	4.767E-04	2.511E-01	2.054E-03	1.913E-03	8.713E-03	1.350E+04
1.637E-01	3.307E-03	3.319E-10	5.343E-04	2.344E-01	2.123E-03	1.677E-03	9.397E-03	1.380E+04
1.733E-01	3.75E-03	4.681E-10	5.937E-04	2.182E-01	2.184E-03	1.465E-03	1.096E-02	1.400E+04
1.824E-01	4.169E-03	6.527E-10	6.545E-04	2.029E-01	2.238E-03	1.278E-03	1.273E-02	1.420E+04
1.911E-01	4.638E-03	9.002E-10	7.162E-04	1.883E-01	2.284E-03	1.114E-03	1.407E-02	1.440E+04
1.993E-01	5.133E-03	1.229E-09	7.785E-04	1.745E-01	2.323E-03	9.697E-04	1.626E-02	1.460E+04
2.071E-01	5.652E-03	1.661E-09	8.409E-04	1.615E-01	2.354E-03	8.436E-04	1.792E-02	1.480E+04
2.143E-01	6.194E-03	2.225E-09	9.029E-04	1.493E-01	2.379E-03	7.335E-04	1.971E-02	1.500E+04
2.211E-01	6.759E-03	2.953E-09	9.642E-04	1.380E-01	2.396E-03	6.377E-04	2.159E-02	1.520E+04
2.273E-01	7.343E-03	3.888E-09	1.025E-03	1.275E-01	2.408E-03	5.542E-04	2.356E-02	1.540E+04
2.331E-01	7.948E-03	5.073E-09	1.084E-03	1.177E-01	2.413E-03	4.817E-04	2.551E-02	1.560E+04
2.384E-01	8.572E-03	6.581E-09	1.141E-03	1.086E-01	2.414E-03	4.187E-04	2.741E-02	1.580E+04
2.433E-01	9.215E-03	8.409E-09	1.197E-03	1.003E-01	2.409E-03	3.640E-04	2.931E-02	1.600E+04
2.477E-01	9.877E-03	1.082E-08	1.251E-03	9.254E-02	2.400E-03	3.167E-04	3.120E-02	1.620E+04
2.517E-01	1.055E-02	1.374E-08	1.302E-03	8.543E-02	2.387E-03	2.756E-04	3.318E-02	1.640E+04
2.554E-01	1.124E-02	1.734E-08	1.351E-03	7.889E-02	2.371E-03	2.400E-04	3.508E-02	1.660E+04
2.586E-01	1.195E-02	2.175E-08	1.398E-03	7.287E-02	2.351E-03	2.092E-04	3.705E-02	1.680E+04
2.616E-01	1.267E-02	2.712E-08	1.442E-03	6.724E-02	2.328E-03	1.824E-04	3.901E-02	1.700E+04
2.642E-01	1.340E-02	3.344E-08	1.484E-03	6.225E-02	2.303E-03	1.592E-04	4.095E-02	1.720E+04
2.665E-01	1.414E-02	4.151E-08	1.523E-03	5.758E-02	2.276E-03	1.391E-04	4.288E-02	1.740E+04
2.685E-01	1.490E-02	5.095E-08	1.560E-03	5.329E-02	2.246E-03	1.215E-04	4.477E-02	1.760E+04
2.703E-01	1.566E-02	6.226E-08	1.593E-03	4.935E-02	2.215E-03	1.065E-04	4.659E-02	1.780E+04
2.718E-01	1.644E-02	7.572E-08	1.624E-03	4.572E-02	2.183E-03	9.327E-05	4.836E-02	1.800E+04
2.732E-01	1.722E-02	9.169E-08	1.653E-03	4.239E-02	2.149E-03	8.179E-05	5.006E-02	1.820E+04
2.743E-01	1.801E-02	1.105E-07	1.678E-03	3.922E-02	2.114E-03	7.160E-05	5.182E-02	1.840E+04
2.752E-01	1.881E-02	1.327E-07	1.701E-03	3.650E-02	2.078E-03	6.309E-05	5.357E-02	1.860E+04
2.759E-01	1.961E-02	1.587E-07	1.722E-03	3.390E-02	2.042E-03	5.549E-05	5.531E-02	1.880E+04
2.765E-01	2.042E-02	1.891E-07	1.740E-03	3.151E-02	2.005E-03	4.885E-05	5.704E-02	1.900E+04
2.769E-01	2.124E-02	2.245E-07	1.755E-03	2.905E-02	1.967E-03	4.305E-05	5.876E-02	1.920E+04
2.772E-01	2.206E-02	2.655E-07	1.768E-03	2.726E-02	1.929E-03	3.797E-05	6.047E-02	1.940E+04
2.773E-01	2.288E-02	3.130E-07	1.778E-03	2.558E-02	1.891E-03	3.353E-05	6.217E-02	1.960E+04
2.773E-01	2.370E-02	3.677E-07	1.786E-03	2.395E-02	1.853E-03	2.953E-05	6.386E-02	1.980E+04
2.773E-01	2.453E-02	4.207E-07	1.792E-03	2.204E-02	1.814E-03	2.621E-05	6.554E-02	2.000E+04
2.771E-01	2.536E-02	5.028E-07	1.795E-03	2.055E-02	1.776E-03	2.320E-05	6.720E-02	2.020E+04
2.768E-01	2.619E-02	5.852E-07	1.798E-03	1.918E-02	1.737E-03	2.056E-05	6.886E-02	2.040E+04
2.764E-01	2.702E-02	6.792E-07	1.797E-03	1.790E-02	1.699E-03	1.823E-05	7.051E-02	2.060E+04
2.759E-01	2.784E-02	7.860E-07	1.795E-03	1.672E-02	1.661E-03	1.618E-05	7.216E-02	2.080E+04
2.754E-01	2.867E-02	9.072E-07	1.791E-03	1.562E-02	1.623E-03	1.437E-05	7.381E-02	2.100E+04
2.748E-01	2.950E-02	1.044E-06	1.785E-03	1.461E-02	1.585E-03	1.278E-05	7.546E-02	2.120E+04
2.741E-01	3.032E-02	1.199E-06	1.777E-03	1.366E-02	1.548E-03	1.137E-05	7.711E-02	2.140E+04
2.734E-01	3.114E-02	1.373E-06	1.768E-03	1.278E-02	1.511E-03	1.012E-05	7.876E-02	2.160E+04
2.726E-01	3.196E-02	1.569E-06	1.757E-03	1.196E-02	1.474E-03	9.014E-06	8.041E-02	2.180E+04
2.717E-01	3.277E-02	1.788E-06	1.745E-03	1.120E-02	1.438E-03	8.026E-06	8.206E-02	2.200E+04
2.708E-01	3.358E-02	2.034E-06	1.732E-03	1.049E-02	1.402E-03	7.168E-06	8.371E-02	2.220E+04
2.699E-01	3.438E-02	2.303E-06	1.717E-03	9.834E-03	1.367E-03	6.399E-06	8.536E-02	2.240E+04
2.689E-01	3.519E-02	2.613E-06	1.702E-03	9.218E-03	1.332E-03	5.715E-06	8.701E-02	2.260E+04
2.678E-01	3.598E-02	2.952E-06	1.685E-03	8.644E-03	1.297E-03	5.108E-06	8.866E-02	2.280E+04
2.668E-01	3.677E-02	3.329E-06	1.667E-03	8.108E-03	1.263E-03	4.568E-06	9.031E-02	2.300E+04
2.657E-01	3.756E-02	3.746E-06	1.648E-03	7.608E-03	1.230E-03	4.087E-06	9.196E-02	2.320E+04
2.645E-01	3.834E-02	4.207E-06	1.629E-03	7.141E-03	1.197E-03	3.659E-06	9.361E-02	2.340E+04
2.634E-01	3.911E-02	4.712E-06	1.609E-03	6.704E-03	1.165E-03	3.278E-06	9.526E-02	2.360E+04
2.622E-01	3.988E-02	5.279E-06	1.598E-03	6.295E-03	1.133E-03	2.938E-06	9.691E-02	2.380E+04
2.609E-01	4.064E-02	5.897E-06	1.586E-03	5.914E-03	1.102E-03	2.634E-06	9.856E-02	2.400E+04
2.597E-01	4.139E-02	6.575E-06	1.574E-03	5.555E-03	1.072E-03	2.363E-06	1.002E-01	2.420E+04
2.584E-01	4.214E-02	7.321E-06	1.562E-03	5.222E-03	1.042E-03	2.121E-06	1.018E-01	2.440E+04
2.572E-01	4.288E-02	8.137E-06	1.549E-03	4.909E-03	1.012E-03	1.904E-06	1.034E-01	2.460E+04
2.559E-01	4.362E-02	9.030E-06	1.547E-03	4.615E-03	9.837E-04	1.711E-06	1.050E-01	2.480E+04
2.545E-01	4.435E-02	1.000E-05	1.541E-03	4.340E-03	9.556E-04	1.537E-06	1.066E-01	2.500E+04



Table II. - Continued.

P/PO = 9.00E+03

T	E-	O	O+	O++	O-	O2	O2+	O2-
3.000E+02	0.	3.545E-48	3.514E-82	0.	0.	5.000E-11	1.760E-18	0.
4.000E+02	0.	2.644E-37	8.482E-65	0.	0.	5.400E-11	1.760E-18	0.
5.000E+02	0.	8.733E-31	2.509E-54	0.	0.	5.041E-11	1.760E-18	0.
6.000E+02	0.	2.019E-26	2.406E-47	0.	0.	5.027E-11	1.760E-18	0.
7.000E+02	4.815E-83	2.570E-23	2.476E-42	0.	3.539E-92	4.612E-11	1.760E-18	5.921E-83
8.000E+02	5.699E-72	6.316E-21	1.262E-38	0.	3.482E-80	5.616E-11	1.760E-18	7.818E-73
9.000E+02	1.508E-62	1.149E-18	3.895E-36	0.	1.162E-69	4.089E-10	1.760E-18	2.270E-63
1.000E+03	1.254E-54	1.136E-16	2.508E-34	0.	1.100E-60	4.699E-09	1.760E-18	4.653E-55
1.100E+03	4.095E-48	5.032E-15	7.398E-33	0.	2.649E-53	3.662E-08	1.760E-18	3.285E-48
1.200E+03	1.120E-42	1.189E-13	1.245E-31	0.	3.772E-47	2.031E-07	1.760E-18	1.681E-42
1.300E+03	4.525E-38	1.731E-12	1.362E-30	0.	6.067E-42	8.638E-07	1.760E-18	1.135E-37
1.400E+03	4.064E-34	1.720E-11	1.062E-29	0.	1.759E-37	2.983E-06	1.760E-18	1.559E-33
1.500E+03	1.094E-30	1.259E-10	6.312E-25	0.	1.294E-33	8.715E-06	1.760E-18	5.988E-30
1.600E+03	1.109E-27	7.190E-10	3.010E-28	0.	3.123E-30	2.224E-05	1.760E-18	8.174E-27
1.700E+03	5.013E-25	3.347E-09	1.197E-27	0.	3.011E-27	5.075E-05	1.760E-18	4.760E-24
1.800E+03	1.155E-22	1.313E-08	4.094E-27	0.	1.350E-24	1.055E-04	1.762E-18	1.361E-21
1.900E+03	1.355E-20	4.464E-08	1.374E-26	0.	2.851E-22	2.030E-04	1.966E-18	1.920E-19
2.000E+03	3.029E-19	1.343E-07	1.340E-25	0.	1.075E-20	3.652E-04	7.103E-18	5.030E-18
2.100E+03	2.349E-18	3.637E-07	2.269E-24	0.	1.330E-19	6.207E-04	4.893E-17	4.470E-17
2.200E+03	1.378E-17	8.996E-07	3.273E-23	3.311E-88	1.167E-18	1.004E-03	3.116E-16	2.949E-16
2.300E+03	6.879E-17	2.056E-06	3.798E-22	2.697E-84	8.642E-18	1.556E-03	1.708E-15	1.629E-15
2.400E+03	3.010E-16	4.386E-06	3.596E-21	1.042E-80	5.320E-17	2.322E-03	8.127E-15	7.774E-15
2.500E+03	1.175E-15	8.803E-06	2.846E-20	2.081E-77	2.829E-16	3.312E-03	3.412E-14	3.267E-14
2.600E+03	4.141E-15	1.674E-05	1.921E-19	2.319E-74	1.321E-15	4.696E-03	1.281E-13	1.227E-13
2.700E+03	1.334E-14	3.033E-05	1.126E-18	1.537E-71	5.500E-15	6.407E-03	4.355E-13	4.170E-13
2.800E+03	3.964E-14	5.263E-05	5.800E-18	6.405E-69	2.065E-14	8.536E-03	1.354E-12	1.296E-12
2.900E+03	1.095E-13	8.787E-05	2.678E-17	1.761E-66	7.071E-14	1.113E-02	3.888E-12	3.714E-12
3.000E+03	2.836E-13	1.417E-04	1.114E-16	3.329E-64	2.272E-13	1.423E-02	1.039E-11	9.900E-12
3.100E+03	6.922E-13	2.212E-04	4.227E-16	4.488E-62	6.506E-13	1.786E-02	2.599E-11	2.471E-11
3.200E+03	1.601E-12	3.356E-04	1.474E-15	4.452E-60	1.775E-12	2.206E-02	6.126E-11	5.808E-11
3.300E+03	3.526E-12	4.959E-04	4.762E-15	3.341E-58	4.548E-12	2.683E-02	1.368E-10	1.292E-10
3.400E+03	7.428E-12	7.152E-04	1.435E-14	1.944E-56	1.101E-11	3.217E-02	2.906E-10	2.736E-10
3.500E+03	1.502E-11	1.069E-03	4.055E-14	8.963E-55	2.529E-11	3.807E-02	5.898E-10	5.530E-10
3.600E+03	2.925E-11	1.394E-03	1.081E-13	3.339E-53	5.537E-11	4.451E-02	1.148E-09	1.071E-09
3.700E+03	5.503E-11	1.890E-03	2.729E-13	1.022E-51	1.160E-10	5.144E-02	2.148E-09	1.996E-09
3.800E+03	1.003E-10	2.519E-03	6.555E-13	2.613E-50	2.332E-10	5.882E-02	3.879E-09	3.586E-09
3.900E+03	1.774E-10	3.302E-03	1.504E-12	5.652E-49	4.514E-10	6.658E-02	6.776E-09	6.229E-09
4.000E+03	3.053E-10	4.263E-03	3.305E-12	1.047E-47	8.437E-10	7.464E-02	1.147E-08	1.049E-08
4.100E+03	5.124E-10	5.427E-03	6.983E-12	1.682E-46	1.526E-09	8.294E-02	1.887E-08	1.715E-08
4.200E+03	8.397E-10	6.819E-03	1.422E-11	2.364E-45	2.678E-09	9.139E-02	3.023E-08	2.728E-08
4.300E+03	1.346E-09	8.462E-03	2.798E-11	2.938E-44	4.569E-09	9.990E-02	4.721E-08	4.232E-08
4.400E+03	2.114E-09	1.038E-02	5.331E-11	3.253E-43	7.589E-09	1.084E-01	7.201E-08	6.410E-08
4.500E+03	3.257E-09	1.260E-02	9.858E-11	3.230E-42	1.230E-08	1.167E-01	1.075E-07	9.494E-08
4.600E+03	4.927E-09	1.514E-02	1.773E-10	2.907E-41	1.947E-08	1.249E-01	1.571E-07	1.377E-07
4.700E+03	7.329E-09	1.801E-02	3.105E-10	2.378E-40	3.016E-08	1.328E-01	2.252E-07	1.959E-07
4.800E+03	1.073E-08	2.124E-02	5.307E-10	1.781E-39	4.578E-08	1.404E-01	3.171E-07	2.734E-07
4.900E+03	1.547E-08	2.484E-02	8.862E-10	1.227E-38	6.816E-08	1.475E-01	4.369E-07	3.752E-07
5.000E+03	2.201E-08	2.882E-02	1.448E-09	7.824E-38	9.966E-08	1.542E-01	5.977E-07	5.064E-07
5.100E+03	3.088E-08	3.319E-02	2.318E-09	4.635E-37	1.432E-07	1.603E-01	8.019E-07	6.731E-07
5.200E+03	4.280E-08	3.796E-02	3.641E-09	2.563E-36	2.026E-07	1.659E-01	1.060E-06	8.816E-07
5.300E+03	5.861E-08	4.311E-02	5.614E-09	1.327E-35	2.823E-07	1.709E-01	1.384E-06	1.139E-06
5.400E+03	7.937E-08	4.867E-02	8.510E-09	6.463E-35	3.877E-07	1.754E-01	1.782E-06	1.452E-06
5.500E+03	1.063E-07	5.461E-02	1.269E-08	2.969E-34	5.252E-07	1.782E-01	2.269E-06	1.830E-06
5.600E+03	1.411E-07	6.093E-02	1.864E-08	1.291E-33	7.025E-07	1.824E-01	2.855E-06	2.278E-06
5.700E+03	1.854E-07	6.763E-02	2.697E-08	5.325E-33	9.284E-07	1.849E-01	3.554E-06	2.806E-06
5.800E+03	2.414E-07	7.468E-02	3.850E-08	2.090E-32	1.213E-06	1.869E-01	4.379E-06	3.420E-06
5.900E+03	3.115E-07	8.207E-02	5.424E-08	7.830E-32	1.567E-06	1.883E-01	5.344E-06	4.127E-06
6.000E+03	3.990E-07	8.979E-02	7.547E-08	2.804E-31	2.004E-06	1.891E-01	6.461E-06	4.935E-06
6.100E+03	5.071E-07	9.781E-02	1.038E-07	9.624E-31	2.538E-06	1.893E-01	7.743E-06	5.848E-06
6.200E+03	6.396E-07	1.061E-01	1.410E-07	3.172E-30	3.185E-06	1.890E-01	9.203E-06	6.872E-06
6.300E+03	8.011E-07	1.147E-01	1.897E-07	1.006E-29	3.961E-06	1.883E-01	1.085E-05	8.012E-06
6.400E+03	9.969E-07	1.234E-01	2.524E-07	3.073E-29	4.885E-06	1.870E-01	1.270E-05	9.270E-06
6.500E+03	1.233E-06	1.324E-01	3.326E-07	9.064E-29	5.977E-06	1.853E-01	1.475E-05	1.065E-05
6.600E+03	1.515E-06	1.416E-01	4.343E-07	2.585E-28	7.258E-06	1.833E-01	1.702E-05	1.215E-05
6.700E+03	1.851E-06	1.509E-01	5.618E-07	7.139E-28	8.750E-06	1.808E-01	1.950E-05	1.377E-05
6.800E+03	2.250E-06	1.603E-01	7.206E-07	1.911E-27	1.048E-05	1.780E-01	2.220E-05	1.552E-05
6.900E+03	2.720E-06	1.698E-01	9.166E-07	4.968E-27	1.246E-05	1.750E-01	2.513E-05	1.738E-05
7.000E+03	3.273E-06	1.794E-01	1.157E-06	1.255E-26	1.473E-05	1.716E-01	2.827E-05	1.936E-05
7.100E+03	3.919E-06	1.890E-01	1.448E-06	3.086E-26	1.732E-05	1.680E-01	3.163E-05	2.145E-05
7.200E+03	4.672E-06	1.986E-01	1.800E-06	7.392E-26	2.024E-05	1.643E-01	3.520E-05	2.365E-05
7.300E+03	5.546E-06	2.082E-01	2.222E-06	1.727E-25	2.353E-05	1.603E-01	3.897E-05	2.594E-05
7.400E+03	6.557E-06	2.178E-01	2.724E-06	3.936E-25	2.721E-05	1.563E-01	4.292E-05	2.834E-05
7.500E+03	7.721E-06	2.272E-01	3.317E-06	8.766E-25	3.132E-05	1.521E-01	4.705E-05	3.082E-05
7.600E+03	9.060E-06	2.366E-01	4.014E-06	1.909E-24	3.589E-05	1.478E-01	5.133E-05	3.339E-05
7.700E+03	1.059E-05	2.459E-01	4.828E-06	4.068E-24	4.094E-05	1.434E-01	5.576E-05	3.602E-05
7.800E+03	1.234E-05	2.550E-01	5.773E-06	8.491E-24	4.651E-05	1.391E-01	6.031E-05	3.873E-05
7.900E+03	1.434E-05	2.640E-01	6.863E-06	1.737E-23	5.264E-05	1.347E-01	6.496E-05	4.150E-05
8.000E+03	1.660E-05	2.728E-01	8.114E-06	3.485E-23	5.935E-05	1.303E-01	6.970E-05	4.432E-05
8.200E+03	2.208E-05	2.899E-01	1.117E-05	1.327E-22	7.465E-05	1.216E-01	7.933E-05	5.011E-05
8.400E+03	2.904E-05	3.062E-01	1.507E-05	4.711E-22	9.271E-05	1.131E-01	8.904E-05	5.603E-05
8.600E+03	3.784E-05	3.216E-01	1.996E-05	1.567E-21	1.138E-04	1.049E-01	9.866E-05	6.204E-05

Table II. - Continued.

P/P0 = 9.00E+03

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	2.610E-42	1.665E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	5.349E-30	5.537E-62	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.409E-22	1.384E-49	1.000E+00	0.	5.000E+02
4.269E-83	4.297E-84	0.	0.	1.225E-17	2.406E-41	1.000E+00	0.	6.000E+02
3.238E-69	3.924E-71	0.	0.	4.303E-14	2.099E-35	1.000E+00	0.	7.000E+02
6.363E-59	1.235E-61	0.	0.	1.715E-11	4.039E-31	1.000E+00	1.125E-80	8.000E+02
1.046E-51	7.778E-56	0.	0.	7.201E-10	5.543E-29	1.000E+00	1.449E-70	9.000E+02
2.647E-46	6.178E-52	0.	2.074E-91	9.305E-09	7.880E-28	1.000E+00	3.381E-63	1.000E+03
6.512E-42	8.600E-49	0.	3.538E-81	7.315E-08	6.340E-27	1.000E+00	3.154E-57	1.100E+03
3.051E-38	3.575E-46	0.	1.190E-72	4.061E-07	3.584E-26	1.000E+00	2.953E-52	1.200E+03
3.852E-35	5.902E-44	0.	1.950E-65	1.728E-06	1.552E-25	1.000E+00	4.751E-48	1.300E+03
1.757E-32	4.717E-42	0.	2.978E-59	5.965E-06	5.453E-25	1.000E+00	1.916E-44	1.400E+03
3.548E-30	2.109E-40	2.564E-95	6.808E-54	1.743E-05	1.620E-24	1.000E+00	2.555E-41	1.500E+03
3.694E-28	5.884E-39	1.091E-91	3.326E-49	4.448E-05	4.202E-24	9.999E-01	1.387E-38	1.600E+03
2.292E-26	1.112E-37	1.745E-88	4.559E-45	1.015E-04	9.748E-24	9.998E-01	3.589E-35	1.700E+03
8.534E-25	1.522E-36	1.236E-85	2.165E-41	2.111E-04	2.062E-23	9.997E-01	5.011E-34	1.800E+03
2.288E-23	1.767E-35	5.478E-83	3.780E-38	4.060E-04	4.495E-23	9.994E-01	4.160E-32	1.900E+03
4.200E-22	5.264E-34	1.419E-79	9.545E-36	7.306E-04	2.969E-22	9.989E-01	2.220E-30	2.000E+03
5.989E-21	2.451E-32	8.102E-76	6.599E-34	1.242E-03	3.531E-21	9.981E-01	8.115E-29	2.100E+03
6.710E-20	8.882E-31	2.555E-72	2.815E-32	2.009E-03	3.695E-20	9.970E-01	2.139E-27	2.200E+03
6.096E-19	2.386E-29	4.131E-69	8.562E-31	3.114E-03	3.185E-19	9.953E-01	4.241E-26	2.300E+03
4.639E-18	4.884E-28	3.598E-66	1.935E-29	4.648E-03	2.301E-18	9.930E-01	5.555E-25	2.400E+03
2.964E-17	7.859E-27	1.840E-62	3.472E-28	6.712E-03	1.418E-17	9.899E-01	8.140E-24	2.500E+03
1.653E-16	1.022E-25	5.810E-61	4.942E-27	9.409E-03	7.588E-17	9.859E-01	8.324E-23	2.600E+03
8.113E-16	1.096E-24	1.200E-58	5.774E-26	1.285E-02	2.583E-16	9.807E-01	7.164E-22	2.700E+03
3.554E-15	9.985E-23	6.94E-56	5.656E-25	1.713E-02	1.513E-15	9.743E-01	5.284E-21	2.800E+03
1.406E-14	7.790E-24	1.701E-54	4.732E-24	2.235E-02	5.777E-15	9.664E-01	3.394E-20	2.900E+03
5.076E-14	5.276E-22	1.237E-52	3.435E-23	2.860E-02	2.015E-14	9.570E-01	1.924E-19	3.000E+03
1.686E-13	3.187E-21	7.037E-51	2.190E-22	3.595E-02	6.472E-14	9.460E-01	9.748E-19	3.100E+03
5.194E-13	1.708E-20	3.066E-49	1.243E-21	4.445E-02	1.930E-13	9.332E-01	4.457E-18	3.200E+03
1.494E-12	8.314E-20	1.053E-47	6.346E-21	5.415E-02	5.377E-13	9.185E-01	1.856E-17	3.300E+03
4.036E-12	3.677E-19	2.991E-46	2.941E-20	6.506E-02	1.408E-12	9.021E-01	7.101E-17	3.400E+03
1.030E-11	1.493E-18	5.959E-45	1.247E-19	7.716E-02	3.482E-12	8.838E-01	2.512E-16	3.500E+03
2.492E-11	5.608E-18	1.360E-43	4.874E-19	9.042E-02	8.173E-12	8.637E-01	8.274E-16	3.600E+03
5.746E-11	1.960E-17	2.262E-42	1.767E-18	1.048E-01	1.828E-11	8.419E-01	2.551E-15	3.700E+03
1.267E-10	6.413E-17	3.247E-41	5.982E-18	1.202E-01	2.898E-11	8.185E-01	7.401E-15	3.800E+03
2.682E-10	1.974E-16	4.059E-40	1.900E-17	1.365E-01	8.028E-11	7.937E-01	2.030E-14	3.900E+03
5.462E-10	5.741E-16	4.483E-39	5.687E-17	1.536E-01	1.586E-10	7.675E-01	5.284E-14	4.000E+03
1.074E-09	1.584E-15	4.391E-38	1.612E-16	1.713E-01	3.025E-10	7.403E-01	1.510E-13	4.100E+03
2.043E-09	4.163E-15	3.877E-37	4.340E-16	1.896E-01	5.580E-10	7.122E-01	3.107E-13	4.200E+03
3.768E-09	1.046E-14	3.079E-36	1.115E-15	2.083E-01	9.983E-10	6.834E-01	7.066E-13	4.300E+03
6.756E-09	2.516E-14	2.255E-35	2.740E-15	2.271E-01	1.736E-09	6.541E-01	1.545E-12	4.400E+03
1.179E-08	5.823E-14	1.483E-34	6.461E-15	2.461E-01	2.937E-09	6.246E-01	3.259E-12	4.500E+03
2.009E-08	1.299E-13	9.060E-33	1.466E-14	2.650E-01	4.849E-09	5.950E-01	6.644E-12	4.600E+03
3.342E-08	2.795E-13	5.128E-34	2.209E-14	2.836E-01	7.818E-09	5.655E-01	1.312E-11	4.700E+03
5.440E-08	5.847E-13	2.700E-32	5.789E-14	3.020E-01	1.233E-08	5.364E-01	2.515E-11	4.800E+03
8.676E-08	1.184E-12	1.329E-31	1.392E-13	3.198E-01	1.906E-08	5.078E-01	4.690E-11	4.900E+03
1.358E-07	2.330E-12	6.142E-31	2.769E-13	3.372E-01	2.889E-08	4.799E-01	8.518E-11	5.000E+03
2.086E-07	4.463E-12	2.674E-30	5.359E-13	3.538E-01	4.300E-08	4.526E-01	1.510E-10	5.100E+03
3.153E-07	8.339E-12	1.103E-29	1.010E-12	3.698E-01	6.293E-08	4.265E-01	2.616E-10	5.200E+03
4.689E-07	1.523E-11	4.295E-29	1.857E-12	3.850E-01	9.064E-08	4.009E-01	4.43E-10	5.300E+03
6.870E-07	2.719E-11	1.595E-28	3.336E-12	3.994E-01	1.286E-07	3.765E-01	7.37E-10	5.400E+03
9.926E-07	4.775E-11	5.650E-28	5.862E-12	4.130E-01	1.799E-07	3.533E-01	1.20E-09	5.500E+03
1.415E-06	8.189E-11	1.914E-27	1.009E-11	4.257E-01	2.484E-07	3.310E-01	1.92E-09	5.600E+03
1.993E-06	1.378E-10	6.191E-27	1.703E-11	4.375E-01	3.386E-07	3.099E-01	3.031E-09	5.700E+03
2.773E-06	2.280E-10	1.941E-26	2.821E-11	4.485E-01	4.561E-07	2.899E-01	4.692E-09	5.800E+03
3.816E-06	3.707E-10	5.832E-26	4.594E-11	4.586E-01	6.076E-07	2.710E-01	7.176E-09	5.900E+03
5.196E-06	5.935E-10	1.690E-25	7.356E-11	4.679E-01	8.010E-07	2.532E-01	1.081E-08	6.000E+03
7.006E-06	9.359E-10	4.736E-25	1.160E-10	4.764E-01	1.045E-06	2.364E-01	1.606E-08	6.100E+03
9.358E-06	1.455E-09	1.284E-24	1.802E-10	4.842E-01	1.351E-06	2.207E-01	2.358E-08	6.200E+03
1.239E-05	2.232E-09	3.377E-24	2.757E-10	4.912E-01	1.731E-06	2.059E-01	3.421E-08	6.300E+03
1.626E-05	3.379E-09	8.621E-24	4.167E-10	4.975E-01	2.200E-06	1.920E-01	4.908E-08	6.400E+03
2.118E-05	5.054E-09	2.140E-23	6.226E-10	5.031E-01	2.772E-06	1.791E-01	6.968E-08	6.500E+03
2.737E-05	7.472E-09	5.171E-23	9.183E-10	5.081E-01	3.466E-06	1.670E-01	9.795E-08	6.600E+03
3.512E-05	1.092E-08	1.218E-22	1.239E-09	5.125E-01	4.203E-06	1.557E-01	1.364E-07	6.700E+03
4.476E-05	1.580E-08	2.798E-22	1.932E-09	5.164E-01	5.305E-06	1.452E-01	1.883E-07	6.800E+03
5.668E-05	2.263E-08	6.282E-22	2.759E-09	5.197E-01	6.496E-06	1.354E-01	2.578E-07	6.900E+03
7.133E-05	3.209E-08	1.379E-21	3.901E-09	5.226E-01	7.905E-06	1.262E-01	3.500E-07	7.000E+03
8.923E-05	4.508E-08	2.961E-21	5.466E-09	5.250E-01	9.562E-06	1.177E-01	4.718E-07	7.100E+03
1.110E-04	6.277E-08	6.228E-21	7.592E-09	5.271E-01	1.150E-05	1.098E-01	6.312E-07	7.200E+03
1.374E-04	8.666E-08	1.284E-20	1.046E-08	5.287E-01	1.375E-05	1.025E-01	8.389E-07	7.300E+03
1.591E-04	1.187E-07	2.598E-20	1.429E-08	5.301E-01	1.636E-05	9.592E-02	1.108E-06	7.400E+03
2.072E-04	1.612E-07	5.159E-20	1.938E-08	5.311E-01	1.936E-05	8.926E-02	1.453E-06	7.500E+03
2.526E-04	2.173E-07	1.007E-19	2.609E-08	5.318E-01	2.279E-05	8.335E-02	1.896E-06	7.600E+03
3.066E-04	2.908E-07	1.930E-19	3.489E-08	5.323E-01	2.671E-05	7.786E-02	2.459E-06	7.700E+03
3.706E-04	3.865E-07	3.641E-19	4.634E-08	5.326E-01	3.117E-05	7.274E-02	3.172E-06	7.800E+03
4.452E-04	5.101E-07	6.758E-19	6.117E-08	5.326E-01	3.620E-05	6.801E-02	4.071E-06	7.900E+03
5.349E-04	6.687E-07	1.235E-18	8.027E-08	5.325E-01	4.187E-05	6.351E-02	5.199E-06	8.000E+03
7.604E-04	1.128E-06	3.949E-18	1.358E-07	5.318E-01	5.535E-05	5.571E-02	8.357E-06	8.200E+03
1.065E-03	1.857E-06	1.193E-17	2.251E-07	5.304E-01	7.204E-05	4.887E-02	1.319E-05	8.400E+03
1.473E-03	2.990E-06	3.423E-17	3.656E-07	5.287E-01	9.243E-05	4.296E-02	2.048E-05	8.600E+03

Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.800E+03	4.884E-05	3.361E-01	2.600E-05	4.907E-21	1.382E-04	9.705E-02	1.081E-04	6.812E-05
9.000E+03	6.253E-05	3.497E-01	3.333E-05	1.452E-20	1.663E-04	8.967E-02	1.171E-04	7.423E-05
9.200E+03	7.942E-05	3.624E-01	4.212E-05	4.074E-20	1.983E-04	8.276E-02	1.257E-04	8.035E-05
9.400E+03	1.001E-04	3.747E-01	5.252E-05	1.039E-19	2.346E-04	7.633E-02	1.338E-04	8.647E-05
9.600E+03	1.254E-04	3.854E-01	6.469E-05	2.779E-19	2.755E-04	7.039E-02	1.414E-04	9.258E-05
9.800E+03	1.559E-04	3.958E-01	7.881E-05	6.800E-19	3.214E-04	6.493E-02	1.486E-04	9.867E-05
1.000E+04	1.925E-04	4.055E-01	9.507E-05	1.600E-18	3.725E-04	5.994E-02	1.552E-04	1.048E-04
1.020E+04	2.363E-04	4.147E-01	1.136E-04	3.630E-18	4.293E-04	5.540E-02	1.615E-04	1.108E-04
1.040E+04	2.882E-04	4.235E-01	1.348E-04	7.966E-18	4.919E-04	5.129E-02	1.675E-04	1.169E-04
1.060E+04	3.494E-04	4.319E-01	1.587E-04	1.694E-17	5.607E-04	4.757E-02	1.733E-04	1.230E-04
1.080E+04	4.210E-04	4.401E-01	1.857E-04	3.503E-17	6.360E-04	4.421E-02	1.790E-04	1.290E-04
1.100E+04	5.042E-04	4.481E-01	2.161E-04	7.054E-17	7.178E-04	4.120E-02	1.847E-04	1.351E-04
1.120E+04	6.003E-04	4.560E-01	2.504E-04	1.387E-16	8.065E-04	3.849E-02	1.905E-04	1.412E-04
1.140E+04	7.105E-04	4.638E-01	2.888E-04	2.665E-16	9.020E-04	3.605E-02	1.965E-04	1.473E-04
1.160E+04	8.360E-04	4.717E-01	3.319E-04	5.017E-16	1.004E-03	3.387E-02	2.029E-04	1.533E-04
1.180E+04	9.781E-04	4.795E-01	3.802E-04	9.264E-16	1.114E-03	3.189E-02	2.095E-04	1.594E-04
1.200E+04	1.138E-03	4.874E-01	4.342E-04	1.680E-15	1.229E-03	3.012E-02	2.166E-04	1.653E-04
1.220E+04	1.317E-03	4.953E-01	4.946E-04	2.996E-15	1.352E-03	2.850E-02	2.242E-04	1.711E-04
1.240E+04	1.516E-03	5.032E-01	5.620E-04	5.257E-15	1.480E-03	2.703E-02	2.321E-04	1.767E-04
1.260E+04	1.736E-03	5.110E-01	6.369E-04	9.087E-15	1.614E-03	2.569E-02	2.405E-04	1.822E-04
1.280E+04	1.979E-03	5.188E-01	7.202E-04	1.548E-14	1.752E-03	2.445E-02	2.494E-04	1.873E-04
1.300E+04	2.245E-03	5.264E-01	8.123E-04	2.600E-14	1.896E-03	2.330E-02	2.586E-04	1.922E-04
1.320E+04	2.535E-03	5.338E-01	9.141E-04	4.310E-14	2.043E-03	2.223E-02	2.681E-04	1.966E-04
1.340E+04	2.851E-03	5.409E-01	1.026E-03	7.052E-14	2.194E-03	2.123E-02	2.780E-04	2.007E-04
1.360E+04	3.193E-03	5.478E-01	1.149E-03	1.139E-13	2.348E-03	2.028E-02	2.881E-04	2.044E-04
1.380E+04	3.563E-03	5.544E-01	1.284E-03	1.819E-13	2.503E-03	1.939E-02	2.984E-04	2.075E-04
1.400E+04	3.961E-03	5.607E-01	1.431E-03	2.869E-13	2.660E-03	1.854E-02	3.089E-04	2.102E-04
1.420E+04	4.389E-03	5.666E-01	1.591E-03	4.476E-13	2.818E-03	1.773E-02	3.195E-04	2.124E-04
1.440E+04	4.846E-03	5.721E-01	1.765E-03	6.904E-13	2.976E-03	1.697E-02	3.302E-04	2.142E-04
1.460E+04	5.335E-03	5.772E-01	1.954E-03	1.054E-12	3.134E-03	1.623E-02	3.408E-04	2.154E-04
1.480E+04	5.857E-03	5.820E-01	2.157E-03	1.592E-12	3.291E-03	1.553E-02	3.515E-04	2.161E-04
1.500E+04	6.411E-03	5.864E-01	2.377E-03	2.381E-12	3.446E-03	1.486E-02	3.622E-04	2.164E-04
1.520E+04	6.998E-03	5.904E-01	2.612E-03	3.526E-12	3.600E-03	1.422E-02	3.720E-04	2.163E-04
1.540E+04	7.621E-03	5.940E-01	2.866E-03	5.175E-12	3.752E-03	1.361E-02	3.833E-04	2.158E-04
1.560E+04	8.278E-03	5.973E-01	3.137E-03	7.525E-12	3.901E-03	1.302E-02	3.937E-04	2.148E-04
1.580E+04	8.972E-03	6.002E-01	3.427E-03	1.085E-11	4.048E-03	1.246E-02	4.040E-04	2.135E-04
1.600E+04	9.703E-03	6.028E-01	3.736E-03	1.551E-11	4.191E-03	1.192E-02	4.142E-04	2.119E-04
1.620E+04	1.047E-02	6.051E-01	4.065E-03	2.198E-11	4.332E-03	1.141E-02	4.242E-04	2.100E-04
1.640E+04	1.128E-02	6.071E-01	4.415E-03	3.092E-11	4.468E-03	1.092E-02	4.341E-04	2.078E-04
1.660E+04	1.212E-02	6.089E-01	4.787E-03	4.317E-11	4.601E-03	1.045E-02	4.438E-04	2.054E-04
1.680E+04	1.300E-02	6.103E-01	5.181E-03	5.982E-11	4.730E-03	1.000E-02	4.533E-04	2.027E-04
1.700E+04	1.393E-02	6.116E-01	5.599E-03	8.231E-11	4.856E-03	9.578E-03	4.627E-04	1.998E-04
1.720E+04	1.489E-02	6.126E-01	6.040E-03	1.125E-10	4.976E-03	9.171E-03	4.720E-04	1.968E-04
1.740E+04	1.589E-02	6.134E-01	6.505E-03	1.527E-10	5.093E-03	8.783E-03	4.810E-04	1.936E-04
1.760E+04	1.694E-02	6.140E-01	6.996E-03	2.059E-10	5.205E-03	8.412E-03	4.899E-04	1.903E-04
1.780E+04	1.802E-02	6.143E-01	7.513E-03	2.760E-10	5.313E-03	8.059E-03	4.985E-04	1.869E-04
1.800E+04	1.915E-02	6.146E-01	8.057E-03	3.676E-10	5.416E-03	7.721E-03	5.070E-04	1.833E-04
1.820E+04	2.032E-02	6.146E-01	8.628E-03	4.869E-10	5.515E-03	7.399E-03	5.153E-04	1.797E-04
1.840E+04	2.153E-02	6.145E-01	9.227E-03	6.33E-10	5.609E-03	7.082E-03	5.234E-04	1.760E-04
1.860E+04	2.278E-02	6.142E-01	9.854E-03	8.399E-10	5.698E-03	6.788E-03	5.312E-04	1.723E-04
1.880E+04	2.407E-02	6.138E-01	1.051E-02	1.094E-09	5.782E-03	6.518E-03	5.389E-04	1.685E-04
1.900E+04	2.540E-02	6.133E-01	1.120E-02	1.418E-09	5.861E-03	6.250E-03	5.463E-04	1.647E-04
1.920E+04	2.678E-02	6.126E-01	1.192E-02	1.829E-09	5.936E-03	5.993E-03	5.535E-04	1.608E-04
1.940E+04	2.820E-02	6.118E-01	1.266E-02	2.347E-09	6.006E-03	5.749E-03	5.605E-04	1.570E-04
1.960E+04	2.966E-02	6.109E-01	1.344E-02	2.998E-09	6.071E-03	5.514E-03	5.672E-04	1.531E-04
1.980E+04	3.116E-02	6.098E-01	1.426E-02	3.812E-09	6.131E-03	5.290E-03	5.737E-04	1.493E-04
2.000E+04	3.270E-02	6.087E-01	1.510E-02	4.825E-09	6.186E-03	5.076E-03	5.799E-04	1.454E-04
2.020E+04	3.428E-02	6.074E-01	1.598E-02	6.081E-09	6.237E-03	4.871E-03	5.859E-04	1.416E-04
2.040E+04	3.591E-02	6.061E-01	1.689E-02	7.632E-09	6.282E-03	4.674E-03	5.915E-04	1.378E-04
2.060E+04	3.757E-02	6.046E-01	1.783E-02	9.539E-09	6.323E-03	4.486E-03	5.969E-04	1.340E-04
2.080E+04	3.927E-02	6.031E-01	1.881E-02	1.187E-08	6.360E-03	4.306E-03	6.021E-04	1.303E-04
2.100E+04	4.102E-02	6.014E-01	1.982E-02	1.473E-08	6.391E-03	4.133E-03	6.069E-04	1.265E-04
2.120E+04	4.280E-02	5.997E-01	2.087E-02	1.819E-08	6.418E-03	3.967E-03	6.114E-04	1.229E-04
2.140E+04	4.462E-02	5.979E-01	2.195E-02	2.239E-08	6.440E-03	3.808E-03	6.156E-04	1.192E-04
2.160E+04	4.648E-02	5.960E-01	2.307E-02	2.746E-08	6.458E-03	3.655E-03	6.195E-04	1.157E-04
2.180E+04	4.838E-02	5.940E-01	2.422E-02	3.356E-08	6.472E-03	3.509E-03	6.231E-04	1.121E-04
2.200E+04	5.032E-02	5.919E-01	2.541E-02	4.087E-08	6.481E-03	3.368E-03	6.264E-04	1.086E-04
2.220E+04	5.229E-02	5.898E-01	2.663E-02	4.961E-08	6.485E-03	3.233E-03	6.293E-04	1.052E-04
2.240E+04	5.430E-02	5.876E-01	2.788E-02	6.002E-08	6.486E-03	3.103E-03	6.319E-04	1.018E-04
2.260E+04	5.634E-02	5.853E-01	2.917E-02	7.239E-08	6.482E-03	2.979E-03	6.342E-04	9.854E-05
2.280E+04	5.842E-02	5.829E-01	3.049E-02	8.703E-08	6.475E-03	2.859E-03	6.361E-04	9.529E-05
2.300E+04	6.053E-02	5.805E-01	3.185E-02	1.043E-07	6.463E-03	2.744E-03	6.377E-04	9.211E-05
2.320E+04	6.268E-02	5.780E-01	3.324E-02	1.27E-07	6.448E-03	2.633E-03	6.389E-04	8.898E-05
2.340E+04	6.486E-02	5.754E-01	3.467E-02	1.48E-07	6.428E-03	2.527E-03	6.398E-04	8.593E-05
2.360E+04	6.708E-02	5.728E-01	3.613E-02	1.766E-07	6.406E-03	2.425E-03	6.404E-04	8.294E-05
2.380E+04	6.932E-02	5.701E-01	3.762E-02	2.093E-07	6.379E-03	2.327E-03	6.406E-04	8.001E-05
2.400E+04	7.160E-02	5.673E-01	3.914E-02	2.473E-07	6.350E-03	2.232E-03	6.405E-04	7.715E-05
2.420E+04	7.390E-02	5.645E-01	4.070E-02	2.915E-07	6.316E-03	2.141E-03	6.400E-04	7.436E-05
2.440E+04	7.624E-02	5.616E-01	4.228E-02	3.428E-07	6.280E-03	2.054E-03	6.392E-04	7.164E-05
2.460E+04	7.860E-02	5.587E-01	4.390E-02	4.020E-07	6.241E-03	1.970E-03	6.381E-04	6.899E-05
2.480E+04	8.099E-02	5.557E-01	4.555E-02	4.703E-07	6.199E-03	1.889E-03	6.367E-04	6.640E-05
2.500E+04	8.341E-02	5.527E-01	4.722E-02	5.489E-07	6.154E-03	1.811E-03	6.349E-04	6.389E-05

Table II. - Continued.

C	C+	C++	C-	CO	CO+	CO2	C2	T
2.011E-03	4.711E-06	9.346E-17	5.830E-07	5.264E-01	1.170E-04	3.784E-02	3.127E-05	8.800E+03
2.713E-03	7.275E-06	2.436E-16	9.136E-07	5.239E-01	1.463E-04	3.340E-02	4.702E-05	9.000E+03
3.618E-03	1.102E-05	5.080E-16	1.408E-06	5.209E-01	1.806E-04	2.954E-02	6.964E-05	9.200E+03
4.772E-03	1.639E-05	1.456E-15	2.136E-06	5.175E-01	2.206E-04	2.618E-02	1.016E-04	9.400E+03
6.224E-03	2.396E-05	3.355E-15	3.191E-06	5.136E-01	2.666E-04	2.324E-02	1.460E-04	9.600E+03
8.033E-03	3.444E-05	7.451E-15	4.696E-06	5.092E-01	3.188E-04	2.067E-02	2.068E-04	9.800E+03
1.026E-02	4.870E-05	1.599E-14	6.807E-06	5.042E-01	3.776E-04	1.841E-02	2.885E-04	1.000E+04
1.296E-02	6.781E-05	3.319E-14	9.724E-06	4.985E-01	4.431E-04	1.642E-02	3.964E-04	1.020E+04
1.621E-02	9.302E-05	6.080E-14	1.369E-05	4.920E-01	5.154E-04	1.466E-02	5.361E-04	1.040E+04
2.005E-02	1.257E-04	1.306E-13	1.898E-05	4.845E-01	5.644E-04	1.310E-02	7.134E-04	1.060E+04
2.455E-02	1.676E-04	2.481E-13	2.594E-05	4.761E-01	6.797E-04	1.171E-02	9.340E-04	1.080E+04
2.973E-02	2.203E-04	4.592E-13	3.492E-05	4.665E-01	7.710E-04	1.048E-02	1.202E-03	1.100E+04
3.562E-02	2.857E-04	8.288E-13	4.631E-05	4.558E-01	8.678E-04	9.370E-03	1.521E-03	1.120E+04
4.224E-02	3.658E-04	1.460E-12	6.051E-05	4.440E-01	9.692E-04	8.377E-03	1.892E-03	1.140E+04
4.955E-02	4.624E-04	2.515E-12	7.789E-05	4.310E-01	1.074E-03	7.485E-03	2.312E-03	1.160E+04
5.752E-02	5.775E-04	4.239E-12	9.879E-05	4.169E-01	1.183E-03	6.682E-03	2.777E-03	1.180E+04
6.610E-02	7.130E-04	6.999E-12	1.235E-04	4.018E-01	1.292E-03	5.958E-03	3.280E-03	1.200E+04
7.521E-02	8.704E-04	1.133E-11	1.523E-04	3.859E-01	1.403E-03	5.305E-03	3.809E-03	1.220E+04
8.476E-02	1.051E-03	1.801E-11	1.852E-04	3.692E-01	1.512E-03	4.716E-03	4.353E-03	1.240E+04
9.465E-02	1.256E-03	2.813E-11	2.223E-04	3.520E-01	1.620E-03	4.185E-03	4.898E-03	1.260E+04
1.048E-01	1.487E-03	4.321E-11	2.636E-04	3.345E-01	1.725E-03	3.708E-03	5.431E-03	1.280E+04
1.151E-01	1.745E-03	6.533E-11	3.089E-04	3.168E-01	1.826E-03	3.279E-03	5.939E-03	1.300E+04
1.254E-01	2.029E-03	9.728E-11	3.579E-04	2.991E-01	1.922E-03	2.894E-03	6.410E-03	1.320E+04
1.356E-01	2.343E-03	1.428E-10	4.104E-04	2.815E-01	2.012E-03	2.550E-03	6.834E-03	1.340E+04
1.457E-01	2.678E-03	2.069E-10	4.660E-04	2.643E-01	2.095E-03	2.243E-03	7.204E-03	1.360E+04
1.556E-01	3.044E-03	2.958E-10	5.242E-04	2.475E-01	2.172E-03	1.970E-03	7.514E-03	1.380E+04
1.651E-01	3.435E-03	4.178E-10	5.847E-04	2.313E-01	2.241E-03	1.727E-03	7.762E-03	1.400E+04
1.743E-01	3.853E-03	5.834E-10	6.469E-04	2.157E-01	2.302E-03	1.512E-03	7.946E-03	1.420E+04
1.832E-01	4.296E-03	8.057E-10	7.104E-04	2.009E-01	2.355E-03	1.323E-03	8.068E-03	1.440E+04
1.916E-01	4.764E-03	1.101E-09	7.748E-04	1.867E-01	2.401E-03	1.156E-03	8.131E-03	1.460E+04
1.995E-01	5.255E-03	1.490E-09	8.396E-04	1.734E-01	2.439E-03	1.009E-03	8.138E-03	1.480E+04
2.070E-01	5.759E-03	1.998E-09	9.044E-04	1.608E-01	2.470E-03	8.808E-04	8.095E-03	1.500E+04
2.140E-01	6.305E-03	2.655E-09	9.688E-04	1.490E-01	2.494E-03	7.683E-04	8.005E-03	1.520E+04
2.206E-01	6.951E-03	3.498E-09	1.032E-03	1.380E-01	2.511E-03	6.699E-04	7.876E-03	1.540E+04
2.267E-01	7.437E-03	4.572E-09	1.095E-03	1.278E-01	2.522E-03	5.840E-04	7.712E-03	1.560E+04
2.323E-01	8.032E-03	5.930E-09	1.156E-03	1.182E-01	2.527E-03	5.092E-04	7.520E-03	1.580E+04
2.375E-01	8.645E-03	7.636E-09	1.216E-03	1.094E-01	2.527E-03	4.440E-04	7.304E-03	1.600E+04
2.422E-01	9.275E-03	9.764E-09	1.273E-03	1.012E-01	2.521E-03	3.873E-04	7.070E-03	1.620E+04
2.466E-01	9.921E-03	1.240E-08	1.329E-03	9.363E-02	2.511E-03	3.379E-04	6.821E-03	1.640E+04
2.506E-01	1.058E-02	1.566E-08	1.382E-03	8.664E-02	2.498E-03	2.950E-04	6.562E-03	1.660E+04
2.542E-01	1.126E-02	1.964E-08	1.433E-03	8.019E-02	2.480E-03	2.577E-04	6.297E-03	1.680E+04
2.574E-01	1.194E-02	2.450E-08	1.482E-03	7.424E-02	2.459E-03	2.253E-04	6.028E-03	1.700E+04
2.604E-01	1.264E-02	3.040E-08	1.528E-03	6.875E-02	2.436E-03	1.971E-04	5.758E-03	1.720E+04
2.630E-01	1.336E-02	3.751E-08	1.571E-03	6.370E-02	2.409E-03	1.725E-04	5.489E-03	1.740E+04
2.653E-01	1.408E-02	4.605E-08	1.611E-03	5.901E-02	2.381E-03	1.511E-04	5.224E-03	1.760E+04
2.674E-01	1.481E-02	5.627E-08	1.649E-03	5.476E-02	2.350E-03	1.325E-04	4.964E-03	1.780E+04
2.692E-01	1.555E-02	6.844E-08	1.684E-03	5.081E-02	2.318E-03	1.163E-04	4.710E-03	1.800E+04
2.708E-01	1.630E-02	8.287E-08	1.716E-03	4.718E-02	2.284E-03	1.022E-04	4.463E-03	1.820E+04
2.722E-01	1.706E-02	9.990E-08	1.745E-03	4.382E-02	2.248E-03	8.985E-05	4.224E-03	1.840E+04
2.733E-01	1.782E-02	1.199E-07	1.772E-03	4.073E-02	2.212E-03	7.907E-05	3.993E-03	1.860E+04
2.747E-01	1.859E-02	1.434E-07	1.796E-03	3.788E-02	2.175E-03	6.966E-05	3.771E-03	1.880E+04
2.751E-01	1.937E-02	1.709E-07	1.817E-03	3.524E-02	2.137E-03	6.142E-05	3.558E-03	1.900E+04
2.758E-01	2.015E-02	2.028E-07	1.835E-03	3.281E-02	2.098E-03	5.420E-05	3.354E-03	1.920E+04
2.763E-01	2.093E-02	2.398E-07	1.851E-03	3.056E-02	2.059E-03	4.788E-05	3.160E-03	1.940E+04
2.766E-01	2.172E-02	2.827E-07	1.864E-03	2.849E-02	2.019E-03	4.233E-05	2.975E-03	1.960E+04
2.769E-01	2.250E-02	3.320E-07	1.875E-03	2.656E-02	1.980E-03	3.746E-05	2.798E-03	1.980E+04
2.770E-01	2.329E-02	3.888E-07	1.883E-03	2.478E-02	1.940E-03	3.318E-05	2.631E-03	2.000E+04
2.770E-01	2.409E-02	4.538E-07	1.890E-03	2.313E-02	1.899E-03	2.941E-05	2.472E-03	2.020E+04
2.759E-01	2.488E-02	5.281E-07	1.893E-03	2.161E-02	1.859E-03	2.609E-05	2.322E-03	2.040E+04
2.767E-01	2.567E-02	6.127E-07	1.895E-03	2.019E-02	1.819E-03	2.316E-05	2.180E-03	2.060E+04
2.764E-01	2.646E-02	7.090E-07	1.895E-03	1.887E-02	1.779E-03	2.058E-05	2.046E-03	2.080E+04
2.760E-01	2.726E-02	8.181E-07	1.892E-03	1.765E-02	1.739E-03	1.831E-05	1.919E-03	2.100E+04
2.756E-01	2.805E-02	9.415E-07	1.888E-03	1.652E-02	1.700E-03	1.629E-05	1.800E-03	2.120E+04
2.750E-01	2.883E-02	1.081E-06	1.882E-03	1.546E-02	1.660E-03	1.451E-05	1.687E-03	2.140E+04
2.744E-01	2.962E-02	1.237E-06	1.874E-03	1.448E-02	1.621E-03	1.293E-05	1.581E-03	2.160E+04
2.738E-01	3.040E-02	1.413E-06	1.864E-03	1.356E-02	1.583E-03	1.153E-05	1.481E-03	2.180E+04
2.731E-01	3.118E-02	1.611E-06	1.853E-03	1.271E-02	1.545E-03	1.029E-05	1.388E-03	2.200E+04
2.723E-01	3.195E-02	1.831E-06	1.840E-03	1.192E-02	1.507E-03	9.194E-06	1.300E-03	2.220E+04
2.715E-01	3.272E-02	2.077E-06	1.827E-03	1.118E-02	1.469E-03	8.217E-06	1.217E-03	2.240E+04
2.706E-01	3.349E-02	2.352E-06	1.811E-03	1.049E-02	1.433E-03	7.348E-06	1.139E-03	2.260E+04
2.697E-01	3.425E-02	2.656E-06	1.795E-03	9.841E-03	1.396E-03	6.574E-06	1.066E-03	2.280E+04
2.688E-01	3.501E-02	2.995E-06	1.779E-03	9.239E-03	1.360E-03	5.886E-06	9.981E-04	2.300E+04
2.678E-01	3.576E-02	3.369E-06	1.759E-03	8.676E-03	1.325E-03	5.273E-06	9.741E-04	2.320E+04
2.668E-01	3.651E-02	3.784E-06	1.740E-03	8.150E-03	1.290E-03	4.726E-06	8.741E-04	2.340E+04
2.657E-01	3.725E-02	4.241E-06	1.719E-03	7.657E-03	1.256E-03	4.238E-06	8.179E-04	2.360E+04
2.647E-01	3.799E-02	4.745E-06	1.698E-03	7.197E-03	1.223E-03	3.803E-06	7.653E-04	2.380E+04
2.634E-01	3.872E-02	5.299E-06	1.677E-03	6.766E-03	1.190E-03	3.414E-06	7.161E-04	2.400E+04
2.624E-01	3.944E-02	5.938E-06	1.654E-03	6.362E-03	1.157E-03	3.066E-06	6.700E-04	2.420E+04
2.613E-01	4.016E-02	6.575E-06	1.631E-03	5.984E-03	1.125E-03	2.755E-06	6.269E-04	2.440E+04
2.601E-01	4.087E-02	7.338E-06	1.608E-03	5.620E-03	1.094E-03	2.477E-06	5.865E-04	2.460E+04
2.589E-01	4.158E-02	8.108E-06	1.584E-03	5.297E-03	1.064E-03	2.228E-06	5.488E-04	2.480E+04
2.576E-01	4.228E-02	8.982E-06	1.559E-03	4.986E-03	1.034E-03	2.004E-06	5.135E-04	2.500E+04

Table II. - Continued.

P/PO = 1.00E+04

T	E-	0	0+	0++	0-	02	02+	02-
3.000E+02	0.	3.359E-48	3.337E-82	0.	0.	4.989E-11	1.760E-18	0.
4.000E+02	0.	2.485E-37	8.144E-65	0.	0.	5.271E-11	1.760E-18	0.
5.000E+02	0.	8.246E-31	2.391E-54	0.	0.	4.993E-11	1.760E-18	0.
6.000E+02	0.	1.925E-26	2.272E-47	0.	0.	5.077E-11	1.760E-18	0.
7.000E+02	4.424E-83	2.464E-23	2.325E-42	0.	3.462E-92	4.708E-11	1.760E-18	6.169E-83
8.000E+02	4.995E-72	5.914E-21	1.214E-38	0.	3.175E-80	5.470E-11	1.760E-18	7.416E-73
9.000E+02	1.310E-62	1.071E-18	3.760E-36	0.	1.046E-69	3.949E-10	1.760E-18	2.118E-63
1.000E+03	1.090E-54	1.059E-16	2.421E-34	0.	9.905E-61	4.538E-09	1.760E-18	4.340E-55
1.100E+03	3.558E-48	4.691E-15	7.142E-33	0.	2.384E-53	3.536E-08	1.760E-18	3.063E-48
1.200E+03	9.728E-43	1.109E-13	1.202E-31	0.	3.395E-47	1.961E-07	1.760E-18	1.567E-42
1.300E+03	3.932E-38	1.613E-12	1.315E-30	0.	5.462E-42	8.340E-07	1.760E-18	1.057E-37
1.400E+03	3.531E-34	1.603E-11	1.025E-29	0.	1.583E-37	2.880E-06	1.760E-18	1.452E-33
1.500E+03	9.478E-31	1.174E-10	6.094E-25	0.	1.164E-33	8.415E-06	1.760E-18	5.581E-30
1.600E+03	9.637E-28	4.703E-10	2.906E-28	0.	2.810E-30	2.147E-05	1.760E-18	7.620E-27
1.700E+03	4.356E-25	3.120E-09	1.156E-27	0.	2.710E-27	4.900E-05	1.760E-18	4.437E-24
1.800E+03	1.004E-22	1.224E-08	3.953E-27	0.	1.215E-24	1.019E-04	1.762E-18	1.269E-21
1.900E+03	1.185E-20	4.162E-08	1.315E-26	0.	2.583E-22	1.960E-04	1.952E-18	1.802E-19
2.000E+03	2.717E-19	1.252E-07	1.252E-25	0.	9.989E-21	3.526E-04	6.881E-18	4.840E-18
2.100E+03	2.116E-18	3.390E-07	2.112E-24	0.	1.241E-19	5.993E-04	4.720E-17	4.320E-17
2.200E+03	1.242E-17	8.386E-07	3.047E-23	3.078E-88	1.108E-18	9.696E-04	3.004E-16	2.851E-16
2.300E+03	6.200E-17	1.917E-06	3.535E-22	2.507E-84	8.068E-18	1.503E-03	1.646E-15	1.575E-15
2.400E+03	2.713E-16	4.089E-06	3.348E-21	9.687E-81	4.966E-17	2.242E-03	7.837E-15	7.517E-15
2.500E+03	1.058E-15	8.207E-06	2.650E-20	1.935E-77	2.641E-16	3.237E-03	3.290E-14	3.159E-14
2.600E+03	3.731E-15	1.560E-05	1.789E-19	2.156E-74	1.233E-15	4.536E-03	1.236E-13	1.187E-13
2.700E+03	1.202E-14	2.828E-05	1.048E-18	1.429E-71	5.135E-15	6.189E-03	4.201E-13	4.033E-13
2.800E+03	3.572E-14	4.908E-05	5.401E-18	5.957E-69	1.928E-14	8.247E-03	1.307E-12	1.253E-12
2.900E+03	9.872E-14	8.195E-05	2.495E-17	1.638E-66	6.603E-14	1.075E-02	3.753E-12	3.593E-12
3.000E+03	2.556E-13	1.321E-04	1.038E-16	3.097E-64	2.080E-13	1.375E-02	1.003E-11	9.582E-12
3.100E+03	6.238E-13	2.063E-04	3.937E-16	4.175E-62	6.077E-13	1.727E-02	2.509E-11	2.392E-11
3.200E+03	1.443E-12	3.131E-04	1.373E-15	4.142E-60	1.658E-12	2.133E-02	5.917E-11	5.625E-11
3.300E+03	3.179E-12	4.627E-04	4.437E-15	3.109E-58	4.250E-12	2.596E-02	1.321E-10	1.252E-10
3.400E+03	6.696E-12	6.675E-04	1.337E-14	1.809E-56	1.029E-11	3.114E-02	2.809E-10	2.652E-10
3.500E+03	1.354E-11	9.418E-04	3.779E-14	8.341E-55	2.365E-11	3.687E-02	5.703E-10	5.365E-10
3.600E+03	2.637E-11	1.302E-03	1.007E-13	3.107E-53	5.180E-11	4.313E-02	1.110E-09	1.040E-09
3.700E+03	4.962E-11	1.766E-03	2.544E-13	9.509E-52	1.085E-10	4.988E-02	2.079E-09	1.939E-09
3.800E+03	9.042E-11	2.354E-03	6.113E-13	2.432E-50	2.183E-10	5.787E-02	3.757E-09	3.486E-09
3.900E+03	1.600E-10	3.087E-03	1.403E-12	5.261E-49	4.229E-10	6.485E-02	6.566E-09	6.062E-09
4.000E+03	2.754E-10	3.987E-03	3.084E-12	9.750E-48	7.909E-10	7.255E-02	1.112E-08	1.021E-08
4.100E+03	4.623E-10	5.078E-03	6.517E-12	1.566E-46	1.432E-09	8.068E-02	1.831E-08	1.722E-08
4.200E+03	7.578E-10	6.383E-03	1.327E-11	2.201E-45	2.514E-09	8.899E-02	2.935E-08	2.663E-08
4.300E+03	1.215E-09	7.925E-03	2.613E-11	2.732E-44	4.291E-09	9.737E-02	4.588E-08	4.136E-08
4.400E+03	1.909E-09	9.728E-03	4.980E-11	3.029E-43	7.134E-09	1.057E-01	7.004E-08	6.273E-08
4.500E+03	2.941E-09	1.181E-02	9.212E-11	3.012E-42	1.157E-08	1.140E-01	1.046E-07	9.305E-08
4.600E+03	4.450E-09	1.420E-02	1.657E-10	2.707E-41	1.833E-08	1.222E-01	1.531E-07	1.352E-07
4.700E+03	6.622E-09	1.691E-02	2.903E-10	2.215E-40	2.842E-08	1.300E-01	2.197E-07	1.925E-07
4.800E+03	9.697E-09	1.995E-02	4.964E-10	1.659E-39	4.318E-08	1.376E-01	3.096E-07	2.692E-07
4.900E+03	1.399E-08	2.335E-02	8.293E-10	1.143E-38	6.435E-08	1.448E-01	4.289E-07	3.700E-07
5.000E+03	1.990E-08	2.711E-02	1.356E-09	7.289E-38	9.419E-08	1.515E-01	5.848E-07	5.002E-07
5.100E+03	2.794E-08	3.124E-02	2.171E-09	4.318E-37	1.355E-07	1.578E-01	7.853E-07	6.659E-07
5.200E+03	3.873E-08	3.575E-02	3.411E-09	2.387E-36	1.919E-07	1.636E-01	1.040E-06	8.738E-07
5.300E+03	5.306E-08	4.064E-02	5.261E-09	1.236E-35	2.676E-07	1.688E-01	1.358E-06	1.131E-06
5.400E+03	7.188E-08	4.591E-02	7.978E-09	6.021E-35	3.680E-07	1.734E-01	1.751E-06	1.445E-06
5.500E+03	9.635E-08	5.155E-02	1.190E-08	2.766E-34	4.991E-07	1.774E-01	2.231E-06	1.824E-06
5.600E+03	1.279E-07	5.757E-02	1.748E-08	1.202E-33	6.684E-07	1.329E-01	2.811E-06	2.275E-06
5.700E+03	1.681E-07	6.394E-02	2.531E-08	4.959E-33	8.844E-07	1.837E-01	3.504E-06	2.808E-06
5.800E+03	2.190E-07	7.067E-02	3.615E-08	1.947E-32	1.157E-06	1.859E-01	4.322E-06	3.429E-06
5.900E+03	2.828E-07	7.773E-02	5.094E-08	7.292E-32	1.497E-06	1.876E-01	5.281E-06	4.148E-06
6.000E+03	3.623E-07	8.511E-02	7.090E-08	2.611E-31	1.917E-06	1.887E-01	6.392E-06	4.969E-06
6.100E+03	4.606E-07	9.278E-02	9.751E-08	8.961E-31	2.431E-06	1.893E-01	7.670E-06	5.902E-06
6.200E+03	5.813E-07	1.007E-01	1.326E-07	2.953E-30	3.054E-06	1.893E-01	9.128E-06	6.951E-06
6.300E+03	7.285E-07	1.090E-01	1.784E-07	9.361E-30	3.803E-06	1.889E-01	1.078E-05	8.122E-06
6.400E+03	9.069E-07	1.174E-01	2.375E-07	2.860E-29	4.697E-06	1.880E-01	1.262E-05	9.419E-06
6.500E+03	1.122E-06	1.261E-01	3.131E-07	8.435E-29	5.755E-06	1.866E-01	1.468E-05	1.084E-05
6.600E+03	1.380E-06	1.349E-01	4.089E-07	2.406E-28	6.998E-06	1.848E-01	1.696E-05	1.240E-05
6.700E+03	1.687E-06	1.439E-01	5.292E-07	6.642E-28	8.448E-06	1.827E-01	1.946E-05	1.409E-05
6.800E+03	2.051E-06	1.530E-01	6.791E-07	1.778E-27	1.013E-05	1.802E-01	2.219E-05	1.591E-05
6.900E+03	2.481E-06	1.623E-01	8.642E-07	4.622E-27	1.207E-05	1.775E-01	2.515E-05	1.786E-05
7.000E+03	2.986E-06	1.716E-01	1.091E-06	1.168E-26	1.429E-05	1.744E-01	2.834E-05	1.995E-05
7.100E+03	3.578E-06	1.809E-01	1.367E-06	2.871E-26	1.681E-05	1.711E-01	3.175E-05	2.215E-05
7.200E+03	4.267E-06	1.903E-01	1.700E-06	6.877E-26	1.968E-05	1.676E-01	3.538E-05	2.448E-05
7.300E+03	5.068E-06	1.997E-01	2.099E-06	1.606E-25	2.291E-05	1.639E-01	3.922E-05	2.692E-05
7.400E+03	5.994E-06	2.091E-01	2.574E-06	3.662E-25	2.653E-05	1.600E-01	4.327E-05	2.948E-05
7.500E+03	7.062E-06	2.184E-01	3.137E-06	8.157E-25	3.058E-05	1.560E-01	4.750E-05	3.213E-05
7.600E+03	8.289E-06	2.276E-01	3.798E-06	1.777E-24	3.509E-05	1.519E-01	5.191E-05	3.489E-05
7.700E+03	9.696E-06	2.367E-01	4.571E-06	3.787E-24	4.009E-05	1.477E-01	5.647E-05	3.774E-05
7.800E+03	1.130E-05	2.458E-01	5.469E-06	7.906E-24	4.561E-05	1.435E-01	6.118E-05	4.067E-05
7.900E+03	1.313E-05	2.547E-01	6.505E-06	1.618E-23	5.168E-05	1.392E-01	6.600E-05	4.367E-05
8.000E+03	1.521E-05	2.635E-01	7.697E-06	3.247E-23	5.834E-05	1.350E-01	7.093E-05	4.675E-05
8.200E+03	2.024E-05	2.805E-01	1.061E-05	1.237E-22	7.357E-05	1.264E-01	8.100E-05	5.308E-05
8.400E+03	2.644E-05	2.968E-01	1.433E-05	4.397E-22	9.157E-05	1.180E-01	9.121E-05	5.960E-05
8.600E+03	3.471E-05	3.123E-01	1.901E-05	1.464E-21	1.126E-04	1.099E-01	1.014E-04	6.627E-05



Table II. - Continued.

P/P0 = 1.00E+04

C	C+	C++	C-	CO	CO+	CO2	C2	T
0.	0.	0.	0.	2.479E-42	1.583E-82	1.000E+00	0.	3.000E+02
0.	0.	0.	0.	5.136E-30	5.445E-62	1.000E+00	0.	4.000E+02
0.	0.	0.	0.	1.343E-22	1.332E-49	1.000E+00	0.	5.000E+02
3.804E-83	3.793E-84	0.	0.	1.157E-17	2.249E-41	1.000E+00	0.	6.000E+02
2.829E-69	3.390E-71	0.	0.	4.040E-14	1.931E-35	1.000E+00	0.	7.000E+02
5.880E-57	1.172E-61	0.	0.	1.649E-11	3.986E-31	1.000E+00	1.068E-80	8.000E+02
9.746E-52	7.505E-56	0.	0.	6.951E-10	5.540E-29	1.000E+00	1.440E-70	9.000E+02
2.466E-46	5.941E-52	0.	1.867E-91	8.983E-09	7.877E-28	1.000E+00	3.259E-63	1.000E+03
6.153E-42	8.302E-49	0.	3.184E-81	7.063E-08	6.340E-27	1.000E+00	3.042E-57	1.100E+03
2.844E-38	3.452E-46	0.	1.071E-72	3.921E-07	3.584E-26	1.000E+00	2.851E-52	1.200E+03
2.592E-35	5.698E-44	0.	1.755E-65	1.668E-06	1.552E-25	1.000E+00	4.587E-48	1.300E+03
1.638E-32	4.554E-42	0.	2.680E-59	5.759E-06	5.450E-25	1.000E+00	1.850E-44	1.400E+03
3.307E-30	2.037E-40	2.564E-95	6.127E-54	1.683E-05	1.620E-24	1.000E+00	2.468E-41	1.500E+03
3.443E-28	5.681E-39	1.091E-91	2.994E-49	4.294E-05	4.202E-24	9.999E-01	1.339E-38	1.600E+03
2.077E-26	1.074E-37	1.745E-88	4.103E-45	9.801E-05	9.748E-24	9.999E-01	3.465E-36	1.700E+03
7.955E-25	1.469E-36	1.236E-85	1.949E-41	2.028E-04	2.062E-23	9.997E-01	4.838E-34	1.800E+03
2.077E-23	1.694E-35	5.403E-83	3.425E-38	3.920E-04	4.464E-23	9.994E-01	4.016E-32	1.900E+03
3.915E-22	4.924E-34	1.332E-79	8.868E-36	7.054E-04	2.876E-22	9.989E-01	2.144E-30	2.000E+03
5.583E-21	2.282E-32	7.537E-76	6.158E-34	1.199E-03	3.406E-21	9.982E-01	7.835E-29	2.100E+03
6.255E-20	8.268E-31	2.384E-72	2.628E-32	1.940E-03	3.562E-20	9.971E-01	2.065E-27	2.200E+03
5.683E-19	2.221E-29	3.840E-69	7.993E-31	3.007E-03	3.074E-19	9.955E-01	4.095E-26	2.300E+03
4.296E-19	4.547E-28	3.359E-65	1.825E-29	4.489E-03	2.219E-18	9.933E-01	6.330E-25	2.400E+03
2.764E-17	7.317E-27	1.712E-63	3.241E-28	6.482E-03	1.267E-17	9.903E-01	7.860E-24	2.500E+03
1.541E-16	9.516E-26	5.407E-61	4.613E-27	9.087E-03	7.319E-17	9.864E-01	8.039E-23	2.600E+03
7.564E-16	1.022E-24	1.116E-58	5.390E-26	1.241E-02	3.457E-16	9.814E-01	6.919E-22	2.700E+03
3.314E-15	9.298E-24	1.575E-56	5.281E-25	1.654E-02	1.460E-15	9.752E-01	5.104E-21	2.800E+03
1.311E-14	7.255E-23	1.582E-54	4.418E-24	2.159E-02	5.574E-15	9.676E-01	3.279E-20	2.900E+03
4.733E-14	4.936E-22	1.169E-52	3.205E-23	2.763E-02	1.944E-14	9.585E-01	1.860E-19	3.000E+03
1.572E-13	2.968E-21	6.546E-51	2.045E-22	3.475E-02	6.247E-14	9.478E-01	9.421E-19	3.100E+03
4.844E-13	1.590E-20	2.851E-49	1.161E-21	4.298E-02	1.863E-13	9.354E-01	4.308E-18	3.200E+03
1.394E-12	7.744E-20	9.884E-48	5.929E-21	5.238E-02	5.193E-13	9.212E-01	1.795E-17	3.300E+03
3.765E-12	3.425E-19	2.782E-46	2.748E-20	6.295E-02	1.360E-12	9.052E-01	6.868E-17	3.400E+03
9.508E-12	1.391E-18	5.473E-45	1.165E-19	7.469E-02	3.365E-12	8.873E-01	2.431E-16	3.500E+03
2.326E-11	5.225E-18	1.265E-43	4.557E-19	8.757E-02	7.902E-12	8.680E-01	8.009E-16	3.600E+03
5.364E-11	1.827E-17	2.104E-42	1.653E-18	1.015E-01	1.758E-11	8.458E-01	2.470E-15	3.700E+03
1.183E-10	5.977E-17	3.020E-41	5.598E-18	1.165E-01	5.772E-11	8.241E-01	7.171E-15	3.800E+03
2.505E-10	1.839E-16	3.780E-40	1.778E-17	1.324E-01	7.740E-11	7.999E-01	1.967E-14	3.900E+03
5.103E-10	5.350E-16	4.170E-39	5.326E-17	1.491E-01	1.536E-10	7.744E-01	5.124E-14	4.000E+03
1.003E-09	1.477E-15	4.085E-38	1.510E-16	1.664E-01	2.931E-10	7.478E-01	1.272E-13	4.100E+03
1.909E-09	3.881E-15	3.605E-37	4.068E-16	1.844E-01	5.411E-10	7.203E-01	3.017E-13	4.200E+03
3.524E-09	9.750E-15	2.868E-36	1.045E-15	2.027E-01	9.687E-10	6.920E-01	6.865E-13	4.300E+03
6.320E-09	2.346E-14	2.077E-35	2.571E-15	2.212E-01	1.685E-09	6.533E-01	1.502E-12	4.400E+03
1.104E-08	5.429E-14	1.378E-34	6.065E-15	2.399E-01	2.654E-09	6.343E-01	3.171E-12	4.500E+03
1.880E-08	1.212E-13	8.419E-34	1.377E-14	2.585E-01	4.714E-09	6.051E-01	5.467E-12	4.600E+03
3.129E-08	2.613E-13	4.764E-33	3.016E-14	2.770E-01	7.605E-09	5.761E-01	1.278E-11	4.700E+03
5.095E-08	5.453E-13	2.508E-32	6.385E-14	2.952E-01	1.200E-08	5.473E-01	2.451E-11	4.800E+03
8.128E-08	1.104E-12	1.234E-31	1.310E-13	3.129E-01	1.856E-08	5.189E-01	4.573E-11	4.900E+03
1.272E-07	2.172E-12	5.701E-31	2.608E-13	3.302E-01	2.816E-08	4.911E-01	8.312E-11	5.000E+03
1.955E-07	4.161E-12	2.481E-30	5.049E-13	3.459E-01	4.194E-08	4.641E-01	1.474E-10	5.100E+03
2.956E-07	7.774E-12	1.020E-29	9.522E-13	3.629E-01	6.142E-08	4.378E-01	2.555E-10	5.200E+03
4.397E-07	1.419E-11	3.981E-29	1.752E-12	3.782E-01	8.831E-08	4.124E-01	4.334E-10	5.300E+03
6.445E-07	2.534E-11	1.477E-28	3.149E-12	3.927E-01	1.257E-07	3.880E-01	7.205E-10	5.400E+03
9.313E-07	4.451E-11	5.231E-28	5.536E-12	4.064E-01	1.759E-07	3.645E-01	1.175E-09	5.500E+03
1.328E-06	7.627E-11	1.771E-27	9.534E-12	4.193E-01	2.429E-07	3.423E-01	1.883E-09	5.600E+03
1.870E-06	1.284E-10	5.724E-27	1.610E-11	4.313E-01	3.313E-07	3.210E-01	2.966E-09	5.700E+03
2.603E-06	2.123E-10	1.793E-26	2.669E-11	4.426E-01	4.465E-07	3.008E-01	4.588E-09	5.800E+03
3.582E-06	3.451E-10	5.382E-26	4.348E-11	4.530E-01	5.951E-07	2.817E-01	7.024E-09	5.900E+03
4.878E-06	5.522E-10	1.559E-25	6.967E-11	4.626E-01	7.848E-07	2.636E-01	1.058E-08	6.000E+03
6.576E-06	8.703E-10	4.363E-25	1.099E-10	4.714E-01	1.025E-06	2.465E-01	1.572E-08	6.100E+03
8.784E-06	1.352E-09	1.182E-24	1.708E-10	4.794E-01	1.325E-06	2.305E-01	2.308E-08	6.200E+03
1.163E-05	2.073E-09	3.105E-24	2.614E-10	4.867E-01	1.698E-06	2.154E-01	3.348E-08	6.300E+03
1.526E-05	3.137E-09	7.917E-24	3.953E-10	4.933E-01	2.158E-06	2.013E-01	4.802E-08	6.400E+03
1.987E-05	4.689E-09	1.963E-23	5.901E-10	4.993E-01	2.720E-06	1.880E-01	6.816E-08	6.500E+03
2.568E-05	6.927E-09	4.737E-23	8.717E-10	5.046E-01	3.402E-06	1.756E-01	9.578E-08	6.600E+03
3.294E-05	1.012E-08	1.114E-22	1.272E-09	5.093E-01	4.224E-06	1.640E-01	1.333E-07	6.700E+03
4.197E-05	1.463E-08	2.557E-22	1.835E-09	5.135E-01	5.208E-06	1.531E-01	1.639E-07	6.800E+03
5.313E-05	2.093E-08	5.733E-22	2.620E-09	5.172E-01	6.379E-06	1.430E-01	2.516E-07	6.900E+03
6.683E-05	2.965E-08	1.257E-21	3.706E-09	5.203E-01	7.763E-06	1.336E-01	3.415E-07	7.000E+03
8.358E-05	4.163E-08	2.695E-21	5.194E-09	5.231E-01	9.391E-06	1.247E-01	4.599E-07	7.100E+03
1.039E-04	5.791E-08	5.662E-21	7.214E-09	5.254E-01	1.129E-05	1.165E-01	6.148E-07	7.200E+03
1.285E-04	7.988E-08	1.166E-20	9.937E-09	5.273E-01	1.351E-05	1.089E-01	8.154E-07	7.300E+03
1.582E-04	1.093E-07	2.355E-20	1.358E-08	5.289E-01	1.607E-05	1.013E-01	1.077E-06	7.400E+03
1.937E-04	1.483E-07	4.671E-20	1.841E-08	5.302E-01	1.901E-05	9.514E-02	1.412E-06	7.500E+03
2.360E-04	1.998E-07	9.100E-20	2.479E-08	5.311E-01	2.239E-05	1.839E-02	1.839E-06	7.600E+03
2.86E-04	2.671E-07	1.743E-19	3.314E-08	5.318E-01	2.624E-05	1.640E-02	2.383E-06	7.700E+03
3.459E-04	3.546E-07	3.283E-19	4.401E-08	5.323E-01	3.062E-05	1.430E-02	3.071E-06	7.800E+03
4.162E-04	4.675E-07	6.086E-19	5.807E-08	5.326E-01	3.557E-05	1.289E-02	3.936E-06	7.900E+03
4.987E-04	6.124E-07	1.111E-18	7.617E-08	5.326E-01	4.114E-05	1.145E-02	5.020E-06	8.000E+03
7.079E-04	1.031E-06	3.543E-18	1.288E-07	5.322E-01	5.438E-05	9.993E-02	8.048E-06	8.200E+03
9.906E-04	1.694E-06	1.069E-17	2.132E-07	5.311E-01	7.078E-05	5.270E-02	1.267E-05	8.400E+03
1.368E-03	2.723E-06	3.058E-17	3.460E-07	5.296E-01	9.083E-05	4.644E-02	1.961E-05	8.600E+03

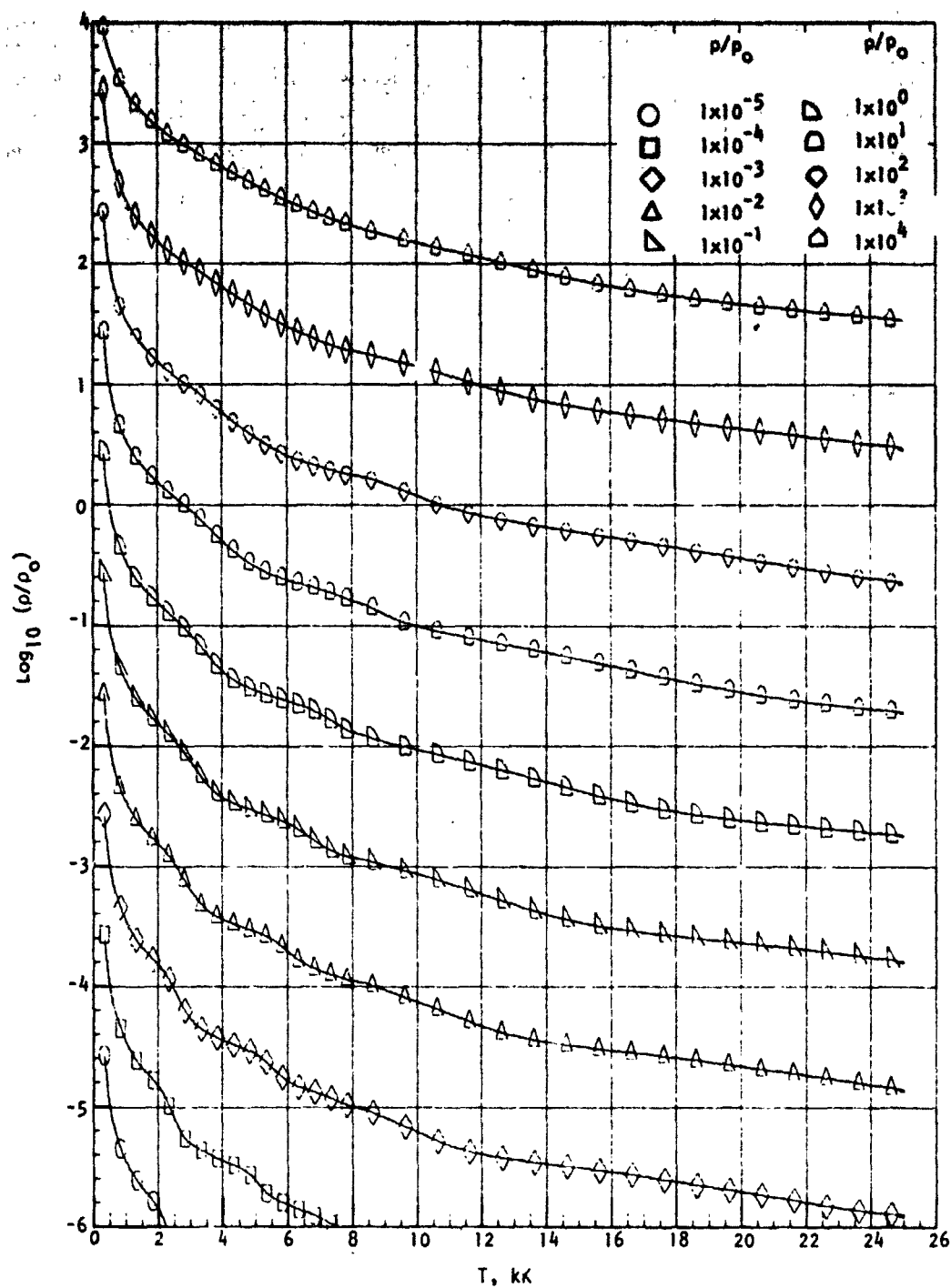


Table II. - Continued.

T	E-	O	O+	O++	O-	O2	O2+	O2-
8.800E+03	4.482E-05	3.270E-01	2.480E-05	4.591E-21	1.371E-04	1.020E-01	1.114E-04	7.303E-05
9.000E+03	5.739E-05	3.408E-01	3.185E-05	1.360E-20	1.652E-04	9.460E-02	1.211E-04	7.987E-05
9.200E+03	7.291E-05	3.537E-01	4.030E-05	3.822E-2	1.974E-04	8.759E-02	1.304E-04	8.674E-05
9.400E+03	7.192E-05	3.659E-01	5.033E-05	1.023E-1	2.339E-04	8.103E-02	1.393E-04	9.364E-05
9.600E+03	1.151E-04	3.772E-01	6.208E-05	2.614E-19	2.751E-04	7.484E-02	1.476E-04	1.005E-04
9.800E+03	1.431E-04	3.879E-01	7.573E-05	6.406E-19	3.213E-04	6.930E-02	1.555E-04	1.074E-04
1.000E+04	1.767E-04	3.979E-01	9.175E-05	1.509E-18	3.729E-04	6.413E-02	1.628E-04	1.143E-04
1.020E+04	2.169E-04	4.074E-01	1.094E-04	3.428E-18	4.301E-04	5.940E-02	1.698E-04	1.212E-04
1.040E+04	2.646E-04	4.164E-01	1.299E-04	7.527E-18	4.933E-04	5.588E-02	1.764E-04	1.281E-04
1.060E+04	3.208E-04	4.250E-01	1.531E-04	1.602E-17	5.628E-04	5.117E-02	1.827E-04	1.349E-04
1.080E+04	3.866E-04	4.333E-01	1.792E-04	3.314E-17	6.389E-04	4.762E-02	1.890E-04	1.418E-04
1.100E+04	4.631E-04	4.414E-01	2.087E-04	6.674E-17	7.216E-04	4.442E-02	1.952E-04	1.487E-04
1.120E+04	5.515E-04	4.494E-01	2.417E-04	1.312E-16	8.113E-04	4.154E-02	2.014E-04	1.555E-04
1.140E+04	6.529E-04	4.573E-01	2.789E-04	2.520E-16	9.080E-04	3.894E-02	2.079E-04	1.624E-04
1.160E+04	7.685E-04	4.652E-01	3.204E-04	4.742E-16	1.012E-03	3.660E-02	2.146E-04	1.693E-04
1.180E+04	8.995E-04	4.730E-01	3.670E-04	8.752E-16	1.122E-03	3.448E-02	2.217E-04	1.760E-04
1.200E+04	1.047E-03	4.809E-01	4.190E-04	1.586E-15	1.240E-03	3.257E-02	2.292E-04	1.828E-04
1.220E+04	1.212E-03	4.888E-01	4.772E-04	2.826E-15	1.364E-03	3.084E-02	2.371E-04	1.893E-04
1.240E+04	1.396E-03	4.966E-01	5.419E-04	4.954E-15	1.495E-03	2.926E-02	2.455E-04	1.958E-04
1.260E+04	1.600E-03	5.045E-01	6.139E-04	8.553E-15	1.631E-03	2.781E-02	2.543E-04	2.020E-04
1.280E+04	1.825E-03	5.122E-01	6.939E-04	1.455E-14	1.773E-03	2.648E-02	2.636E-04	2.079E-04
1.300E+04	2.071E-03	5.198E-01	7.824E-04	2.442E-14	1.920E-03	2.525E-02	2.732E-04	2.135E-04
1.320E+04	2.341E-03	5.273E-01	8.801E-04	4.044E-14	2.071E-03	2.410E-02	2.833E-04	2.187E-04
1.340E+04	2.634E-03	5.345E-01	9.877E-04	6.610E-14	2.226E-03	2.303E-02	2.937E-04	2.236E-04
1.360E+04	2.952E-03	5.415E-01	1.106E-03	1.067E-13	2.384E-03	2.202E-02	3.044E-04	2.279E-04
1.380E+04	3.296E-03	5.482E-01	1.235E-03	1.702E-13	2.545E-03	2.106E-02	3.154E-04	2.318E-04
1.400E+04	3.667E-03	5.546E-01	1.376E-03	2.682E-13	2.707E-03	2.016E-02	3.265E-04	2.351E-04
1.420E+04	4.066E-03	5.607E-01	1.530E-03	4.180E-13	2.871E-03	1.930E-02	3.378E-04	2.380E-04
1.440E+04	4.493E-03	5.664E-01	1.697E-03	6.443E-13	3.035E-03	1.848E-02	3.491E-04	2.402E-04
1.460E+04	4.949E-03	5.718E-01	1.878E-03	9.827E-13	3.199E-03	1.770E-02	3.605E-04	2.420E-04
1.480E+04	5.436E-03	5.767E-01	2.073E-03	1.483E-12	3.363E-03	1.695E-02	3.719E-04	2.432E-04
1.500E+04	5.954E-03	5.813E-01	2.283E-03	2.217E-12	3.526E-03	1.623E-02	3.833E-04	2.437E-04
1.520E+04	6.504E-03	5.856E-01	2.510E-03	3.281E-12	3.687E-03	1.554E-02	3.947E-04	2.442E-04
1.540E+04	7.086E-03	5.894E-01	2.752E-03	4.811E-12	3.847E-03	1.489E-02	4.059E-04	2.439E-04
1.560E+04	7.702E-03	5.930E-01	3.012E-03	6.990E-12	4.004E-03	1.426E-02	4.171E-04	2.432E-04
1.580E+04	8.353E-03	5.961E-01	3.290E-03	1.007E-11	4.159E-03	1.366E-02	4.281E-04	2.421E-04
1.600E+04	9.038E-03	5.990E-01	3.587E-03	1.438E-11	4.311E-03	1.308E-02	4.390E-04	2.406E-04
1.620E+04	9.759E-03	6.015E-01	3.902E-03	2.038E-11	4.459E-03	1.253E-02	4.498E-04	2.388E-04
1.640E+04	1.052E-02	6.038E-01	4.238E-03	2.864E-11	4.605E-03	1.200E-02	4.603E-04	2.366E-04
1.660E+04	1.131E-02	6.058E-01	4.594E-03	3.996E-11	4.746E-03	1.149E-02	4.708E-04	2.342E-04
1.680E+04	1.214E-02	6.075E-01	4.971E-03	5.533E-11	4.884E-03	1.101E-02	4.810E-04	2.314E-04
1.700E+04	1.301E-02	6.094E-01	5.371E-03	7.607E-11	5.018E-03	1.055E-02	4.911E-04	2.285E-04
1.720E+04	1.392E-02	6.11E-01	5.793E-03	1.039E-10	5.147E-03	1.011E-02	5.010E-04	2.253E-04
1.740E+04	1.486E-02	6.12E-01	6.239E-03	1.409E-10	5.272E-03	9.688E-03	5.106E-04	2.219E-04
1.760E+04	1.585E-02	6.119E-01	6.708E-03	1.899E-10	5.393E-03	9.285E-03	5.201E-04	2.183E-04
1.780E+04	1.687E-02	6.125E-01	7.202E-03	2.543E-10	5.509E-03	8.901E-03	5.294E-04	2.146E-04
1.800E+04	1.793E-02	6.129E-01	7.722E-03	3.386E-10	5.621E-03	8.593E-03	5.385E-04	2.108E-04
1.820E+04	1.904E-02	6.132E-01	8.268E-03	4.482E-10	5.728E-03	8.102E-03	5.474E-04	2.069E-04
1.840E+04	2.018E-02	6.132E-01	8.840E-03	5.898E-10	5.830E-03	7.847E-03	5.560E-04	2.029E-04
1.860E+04	2.136E-02	6.131E-01	9.439E-03	7.720E-10	5.927E-03	7.526E-03	5.644E-04	1.988E-04
1.880E+04	2.259E-02	6.129E-01	1.007E-02	1.005E-09	6.019E-03	7.220E-03	5.726E-04	1.946E-04
1.900E+04	2.385E-02	6.125E-01	1.072E-02	1.302E-09	6.106E-03	6.927E-03	5.806E-04	1.904E-04
1.920E+04	2.515E-02	6.120E-01	1.141E-02	1.678E-09	6.189E-03	6.647E-03	5.883E-04	1.861E-04
1.940E+04	2.649E-02	6.114E-01	1.212E-02	2.152E-09	6.266E-03	6.379E-03	5.957E-04	1.819E-04
1.960E+04	2.788E-02	6.106E-01	1.287E-02	2.747E-09	6.338E-03	6.122E-03	6.029E-04	1.776E-04
1.980E+04	2.930E-02	6.097E-01	1.364E-02	3.491E-09	6.405E-03	5.877E-03	6.099E-04	1.732E-04
2.000E+04	3.076E-02	6.087E-01	1.445E-02	4.416E-09	6.467E-03	5.641E-03	6.166E-04	1.689E-04
2.020E+04	3.227E-02	6.076E-01	1.528E-02	5.563E-09	6.525E-03	5.416E-03	6.230E-04	1.646E-04
2.040E+04	3.381E-02	6.064E-01	1.615E-02	6.978E-09	6.577E-03	5.200E-03	6.291E-04	1.604E-04
2.060E+04	3.539E-02	6.052E-01	1.705E-02	8.716E-09	6.624E-03	4.994E-03	6.349E-04	1.561E-04
2.080E+04	3.701E-02	6.038E-01	1.799E-02	1.085E-08	6.666E-03	4.795E-03	6.404E-04	1.519E-04
2.100E+04	3.867E-02	6.023E-01	1.895E-02	1.344E-08	6.704E-03	4.605E-03	6.456E-04	1.477E-04
2.120E+04	4.036E-02	6.007E-01	1.995E-02	1.660E-08	6.736E-03	4.423E-03	6.505E-04	1.435E-04
2.140E+04	4.209E-02	5.990E-01	2.098E-02	2.042E-08	6.764E-03	4.247E-03	6.551E-04	1.394E-04
2.160E+04	4.387E-02	5.973E-01	2.205E-02	2.503E-08	6.787E-03	4.079E-03	6.594E-04	1.353E-04
2.180E+04	4.567E-02	5.955E-01	2.315E-02	3.057E-08	6.805E-03	3.918E-03	6.633E-04	1.313E-04
2.200E+04	4.752E-02	5.936E-01	2.428E-02	3.722E-08	6.819E-03	3.763E-03	6.669E-04	1.274E-04
2.220E+04	4.940E-02	5.916E-01	2.544E-02	4.516E-08	6.828E-03	3.614E-03	6.701E-04	1.235E-04
2.240E+04	5.131E-02	5.895E-01	2.664E-02	5.461E-08	6.833E-03	3.471E-03	6.730E-04	1.196E-04
2.260E+04	5.326E-02	5.874E-01	2.787E-02	6.584E-08	6.839E-03	3.333E-03	6.756E-04	1.158E-04
2.280E+04	5.525E-02	5.852E-01	2.913E-02	7.913E-08	6.829E-03	3.201E-03	6.778E-04	1.121E-04
2.300E+04	5.726E-02	5.829E-01	3.043E-02	9.482E-08	6.821E-03	3.074E-03	6.797E-04	1.085E-04
2.320E+04	5.932E-02	5.805E-01	3.176E-02	1.133E-07	6.809E-03	2.952E-03	6.812E-04	1.049E-04
2.340E+04	6.140E-02	5.781E-01	3.312E-02	1.350E-07	6.793E-03	2.834E-03	6.823E-04	1.014E-04
2.360E+04	6.351E-02	5.757E-01	3.451E-02	1.603E-07	6.773E-03	2.721E-03	6.831E-04	9.793E-05
2.380E+04	6.566E-02	5.731E-01	3.593E-02	1.899E-07	6.749E-03	2.613E-03	6.835E-04	9.456E-05
2.400E+04	6.784E-02	5.705E-01	3.739E-02	2.244E-07	6.722E-03	2.508E-03	6.836E-04	9.127E-05
2.420E+04	7.004E-02	5.679E-01	3.887E-02	2.644E-07	6.691E-03	2.407E-03	6.833E-04	8.805E-05
2.440E+04	7.228E-02	5.651E-01	4.039E-02	3.108E-07	6.657E-03	2.311E-03	6.827E-04	8.490E-05
2.460E+04	7.454E-02	5.624E-01	4.194E-02	3.645E-07	6.619E-03	2.217E-03	6.817E-04	8.184E-05
2.480E+04	7.683E-02	5.595E-01	4.351E-02	4.263E-07	6.579E-03	2.128E-03	6.804E-04	7.884E-05
2.500E+04	7.915E-02	5.567E-01	4.511E-02	4.974E-07	6.535E-03	2.041E-03	6.788E-04	7.593E-05

Table II. - Concluded.

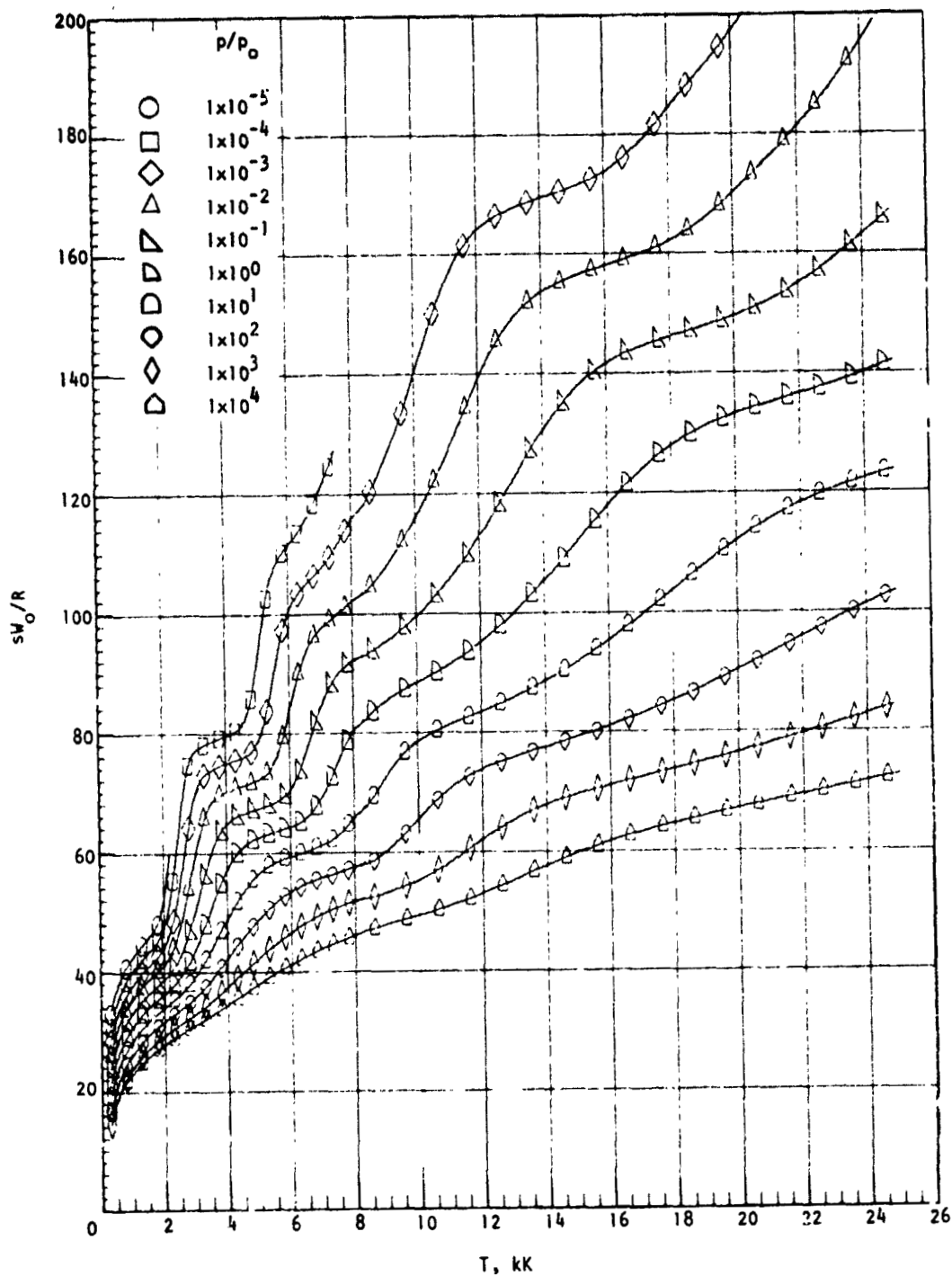
C	C+	C++	C-	CO	CO+	CO2	C2	T
1.865E-03	4.284E-06	0.335E-17	5.512E-07	5.276E-01	1.150E-04	4.099E-02	2.987E-03	8.800E+03
2.513E-03	6.606E-06	2.169E-16	8.628E-07	5.252E-01	1.438E-04	3.626E-02	4.480E-05	9.000E+03
3.347E-03	9.994E-06	5.405E-16	1.328E-06	5.224E-01	1.776E-04	3.213E-02	6.619E-05	9.200E+03
4.408E-03	1.485E-05	1.293E-15	2.013E-06	5.192E-01	2.170E-04	2.853E-02	9.635E-05	9.400E+03
5.745E-03	2.168E-05	2.976E-15	3.004E-06	5.156E-01	2.623E-04	2.537E-02	1.382E-04	9.600E+03
7.408E-03	3.113E-05	6.605E-15	4.417E-06	5.114E-01	3.139E-04	2.260E-02	1.955E-04	9.800E+03
9.455E-03	4.401E-05	1.416E-14	6.400E-06	5.067E-01	3.720E-04	2.017E-02	2.724E-04	1.000E+04
1.194E-02	6.126E-05	2.939E-14	9.139E-06	5.013E-01	4.369E-04	1.802E-02	3.739E-04	1.020E+04
1.473E-02	8.402E-05	5.915E-14	1.286E-05	4.952E-01	5.086E-04	1.612E-02	5.057E-04	1.040E+04
1.848E-02	1.136E-04	1.156E-13	1.785E-05	4.882E-01	5.870E-04	1.443E-02	6.732E-04	1.060E+04
2.263E-02	1.514E-04	2.198E-13	2.440E-05	4.802E-01	6.720E-04	1.293E-02	8.823E-04	1.080E+04
2.744E-02	1.992E-04	4.070E-13	3.289E-05	4.713E-01	7.632E-04	1.158E-02	1.138E-03	1.100E+04
3.291E-02	2.586E-04	7.350E-13	4.367E-05	4.612E-01	8.602E-04	1.038E-02	1.443E-03	1.120E+04
3.908E-02	3.315E-04	1.296E-12	5.716E-05	4.500E-01	9.622E-04	9.302E-03	1.800E-03	1.140E+04
4.593E-02	4.197E-04	2.235E-12	7.374E-05	4.377E-01	1.068E-03	8.330E-03	2.207E-03	1.160E+04
5.342E-02	5.250E-04	3.771E-12	9.376E-05	4.244E-01	1.178E-03	7.455E-03	2.662E-03	1.180E+04
6.153E-02	6.492E-04	6.234E-12	1.175E-04	4.100E-01	1.290E-03	6.664E-03	3.158E-03	1.200E+04
7.018E-02	7.940E-04	1.011E-11	1.453E-04	3.948E-01	1.403E-03	5.950E-03	3.683E-03	1.220E+04
7.929E-02	9.608E-04	1.609E-11	1.773E-04	3.788E-01	1.516E-03	5.305E-03	4.233E-03	1.240E+04
8.878E-02	1.151E-03	2.510E-11	2.136E-04	3.622E-01	1.628E-03	4.722E-03	4.788E-03	1.260E+04
9.856E-02	1.365E-03	3.871E-11	2.541E-04	3.451E-01	1.737E-03	4.197E-03	5.338E-03	1.280E+04
1.085E-01	1.605E-03	5.860E-11	2.987E-04	3.278E-01	1.843E-03	3.723E-03	5.870E-03	1.300E+04
1.186E-01	1.870E-03	8.740E-11	3.473E-04	3.104E-01	1.944E-03	3.297E-03	6.371E-03	1.320E+04
1.286E-01	2.162E-03	1.285E-10	3.996E-04	2.931E-01	2.040E-03	2.915E-03	6.830E-03	1.340E+04
1.385E-01	2.479E-03	1.864E-10	4.552E-04	2.761E-01	2.130E-03	2.573E-03	7.239E-03	1.360E+04
1.483E-01	2.823E-03	2.669E-10	5.138E-04	2.593E-01	2.213E-03	2.267E-03	7.591E-03	1.380E+04
1.579E-01	3.193E-03	3.775E-10	5.750E-04	2.431E-01	2.289E-03	1.995E-03	7.883E-03	1.400E+04
1.671E-01	3.588E-03	5.277E-10	6.382E-04	2.274E-01	2.357E-03	1.753E-03	8.111E-03	1.420E+04
1.760E-01	4.008E-03	7.297E-10	7.031E-04	2.123E-01	2.417E-03	1.538E-03	8.277E-03	1.440E+04
1.845E-01	4.452E-03	9.985E-10	7.692E-04	1.980E-01	2.470E-03	1.349E-03	8.382E-03	1.460E+04
1.926E-01	4.919E-03	1.353E-09	8.359E-04	1.843E-01	2.514E-03	1.161E-03	8.428E-03	1.480E+04
2.003E-01	5.409E-03	1.815E-09	9.030E-04	1.714E-01	2.551E-03	1.034E-03	8.420E-03	1.500E+04
2.075E-01	5.920E-03	2.414E-09	9.699E-04	1.593E-01	2.581E-03	9.048E-04	8.362E-03	1.520E+04
2.143E-01	6.452E-03	3.184E-09	1.036E-03	1.479E-01	2.603E-03	7.913E-04	8.260E-03	1.540E+04
2.207E-01	7.003E-03	4.164E-09	1.102E-03	1.372E-01	2.619E-03	6.918E-04	8.120E-03	1.560E+04
2.265E-01	7.573E-03	5.405E-09	1.166E-03	1.273E-01	2.629E-03	6.048E-04	7.947E-03	1.580E+04
2.320E-01	8.160E-03	6.964E-09	1.229E-03	1.190E-01	2.633E-03	5.288E-04	7.746E-03	1.600E+04
2.371E-01	8.764E-03	8.909E-09	1.290E-03	1.094E-01	2.632E-03	4.624E-04	7.522E-03	1.620E+04
2.417E-01	9.384E-03	1.132E-08	1.350E-03	1.014E-01	2.625E-03	4.044E-04	7.281E-03	1.640E+04
2.460E-01	1.002E-02	1.430E-08	1.407E-03	9.401E-02	2.614E-03	3.539E-04	7.025E-03	1.660E+04
2.499E-01	1.067E-02	1.794E-08	1.462E-03	8.717E-02	2.599E-03	3.098E-04	6.760E-03	1.680E+04
2.534E-01	1.133E-02	2.239E-08	1.514E-03	8.084E-02	2.580E-03	2.714E-04	6.489E-03	1.700E+04
2.566E-01	1.200E-02	2.778E-08	1.563E-03	7.499E-02	2.558E-03	2.379E-04	6.215E-03	1.720E+04
2.595E-01	1.268E-02	3.429E-08	1.610E-03	6.959E-02	2.533E-03	2.086E-04	5.939E-03	1.740E+04
2.621E-01	1.338E-02	4.211E-08	1.655E-03	6.460E-02	2.505E-03	1.831E-04	5.666E-03	1.760E+04
2.644E-01	1.408E-02	5.145E-08	1.696E-03	6.000E-02	2.476E-03	1.609E-04	5.395E-03	1.780E+04
2.665E-01	1.480E-02	6.258E-08	1.735E-03	5.575E-02	2.444E-03	1.414E-04	5.130E-03	1.800E+04
2.684E-01	1.552E-02	7.577E-08	1.770E-03	5.182E-02	2.410E-03	1.244E-04	4.870E-03	1.820E+04
2.700E-01	1.625E-02	9.134E-08	1.803E-03	4.820E-02	2.374E-03	1.096E-04	4.618E-03	1.840E+04
2.714E-01	1.698E-02	1.097E-07	1.833E-03	4.485E-02	2.338E-03	9.658E-05	4.373E-03	1.860E+04
2.726E-01	1.772E-02	1.311E-07	1.860E-03	4.176E-02	2.300E-03	8.520E-05	4.137E-03	1.880E+04
2.736E-01	1.846E-02	1.562E-07	1.885E-03	3.890E-02	2.261E-03	7.522E-05	3.910E-03	1.900E+04
2.745E-01	1.921E-02	1.854E-07	1.906E-03	3.625E-02	2.221E-03	6.647E-05	3.692E-03	1.920E+04
2.752E-01	1.997E-02	2.192E-07	1.925E-03	3.380E-02	2.181E-03	5.879E-05	3.483E-03	1.940E+04
2.757E-01	2.072E-02	2.583E-07	1.941E-03	3.153E-02	2.140E-03	5.205E-05	3.284E-03	1.960E+04
2.762E-01	2.148E-02	3.033E-07	1.954E-03	2.943E-02	2.099E-03	4.611E-05	3.093E-03	1.980E+04
2.764E-01	2.224E-02	3.551E-07	1.965E-03	2.749E-02	2.058E-03	4.089E-05	2.912E-03	2.000E+04
2.766E-01	2.300E-02	4.144E-07	1.973E-03	2.568E-02	2.016E-03	3.629E-05	2.740E-03	2.020E+04
2.767E-01	2.377E-02	4.822E-07	1.979E-03	2.401E-02	1.975E-03	3.223E-05	2.577E-03	2.040E+04
2.767E-01	2.453E-02	5.594E-07	1.983E-03	2.245E-02	1.933E-03	2.865E-05	2.422E-03	2.060E+04
2.765E-01	2.529E-02	6.471E-07	1.985E-03	2.101E-02	1.891E-03	2.549E-05	2.276E-03	2.080E+04
2.763E-01	2.603E-02	7.465E-07	1.984E-03	1.966E-02	1.850E-03	2.269E-05	2.137E-03	2.100E+04
2.760E-01	2.681E-02	8.589E-07	1.981E-03	1.841E-02	1.808E-03	2.021E-05	2.006E-03	2.120E+04
2.756E-01	2.757E-02	9.857E-07	1.976E-03	1.725E-02	1.767E-03	1.802E-05	1.883E-03	2.140E+04
2.752E-01	2.832E-02	1.128E-06	1.970E-03	1.617E-02	1.727E-03	1.608E-05	1.766E-03	2.160E+04
2.747E-01	2.907E-02	1.289E-06	1.962E-03	1.516E-02	1.686E-03	1.436E-05	1.656E-03	2.180E+04
2.741E-01	2.982E-02	1.468E-06	1.952E-03	1.421E-02	1.646E-03	1.283E-05	1.553E-03	2.200E+04
2.734E-01	3.057E-02	1.669E-06	1.940E-03	1.334E-02	1.606E-03	1.147E-05	1.456E-03	2.220E+04
2.727E-01	3.131E-02	1.893E-06	1.927E-03	1.252E-02	1.567E-03	1.026E-05	1.364E-03	2.240E+04
2.720E-01	3.205E-02	2.142E-06	1.912E-03	1.175E-02	1.528E-03	9.182E-06	1.279E-03	2.260E+04
2.712E-01	3.278E-02	2.419E-06	1.897E-03	1.104E-02	1.490E-03	8.224E-06	1.198E-03	2.280E+04
2.704E-01	3.351E-02	2.727E-06	1.880E-03	1.037E-02	1.453E-03	7.370E-06	1.122E-03	2.300E+04
2.695E-01	3.423E-02	3.057E-06	1.861E-03	9.744E-03	1.415E-03	6.609E-06	1.051E-03	2.320E+04
2.686E-01	3.495E-02	3.444E-06	1.842E-03	9.160E-03	1.379E-03	5.930E-06	9.845E-04	2.340E+04
2.677E-01	3.566E-02	3.859E-06	1.822E-03	8.613E-03	1.343E-03	5.323E-06	9.220E-04	2.360E+04
2.667E-01	3.637E-02	4.317E-06	1.801E-03	8.100E-03	1.307E-03	4.781E-06	8.634E-04	2.380E+04
2.657E-01	3.707E-02	4.820E-06	1.779E-03	7.621E-03	1.273E-03	4.296E-06	8.085E-04	2.400E+04
2.644E-01	3.777E-02	5.373E-06	1.757E-03	7.171E-03	1.239E-03	3.863E-06	7.571E-04	2.420E+04
2.633E-01	3.846E-02	5.979E-06	1.734E-03	6.750E-03	1.205E-03	3.474E-06	7.089E-04	2.440E+04
2.622E-01	3.915E-02	6.643E-06	1.710E-03	6.355E-03	1.172E-03	3.127E-06	6.638E-04	2.460E+04
2.614E-01	3.983E-02	7.369E-06	1.685E-03	5.984E-03	1.140E-03	2.815E-06	6.216E-04	2.480E+04
2.602E-01	4.050E-02	8.162E-06	1.661E-03	5.636E-03	1.108E-03	2.536E-06	5.821E-04	2.500E+04



(a) Density,  $\log_{10}(\rho/\rho_0)$ .

Figure 1.- Nondimensional thermodynamic properties for carbon dioxide as a function of temperature for various pressures.

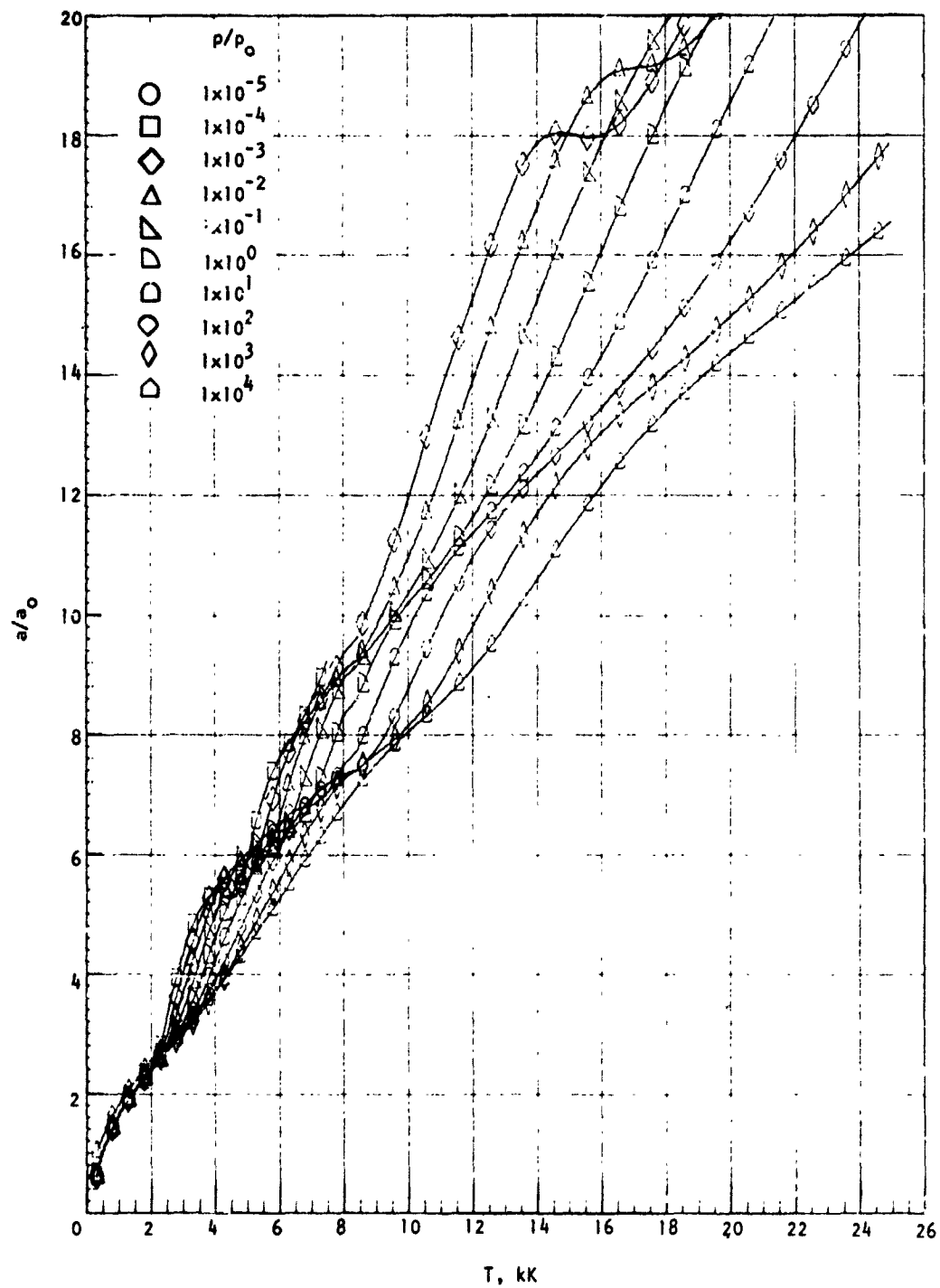




(c) Entropy,  $sW_0/R$ .

Figure 1.- Continued.

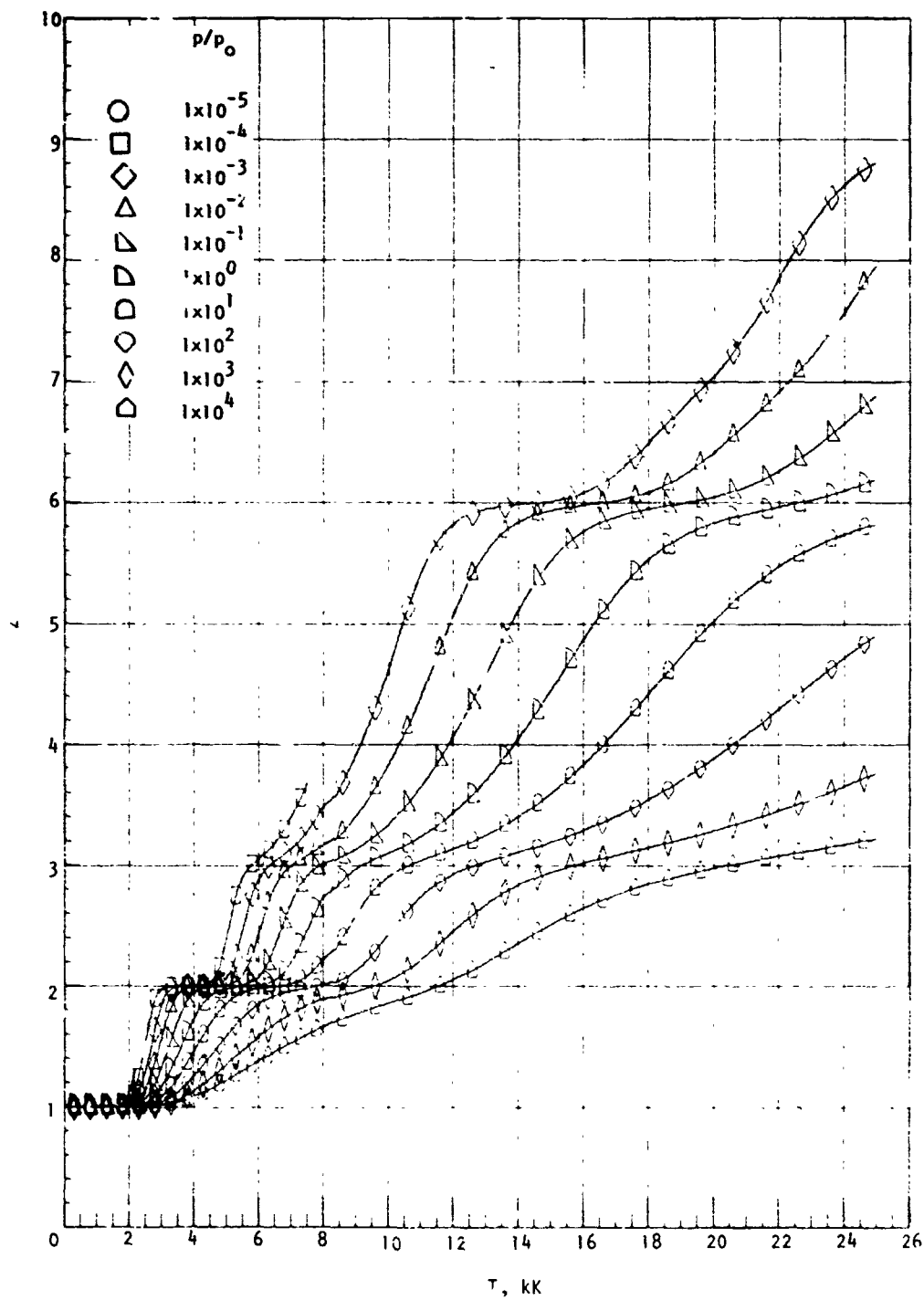
REPRODUCIBILITY OF THE  
ORIGINAL TYPE IS POOR



(d) Speed of sound,  $a/a_0$ .

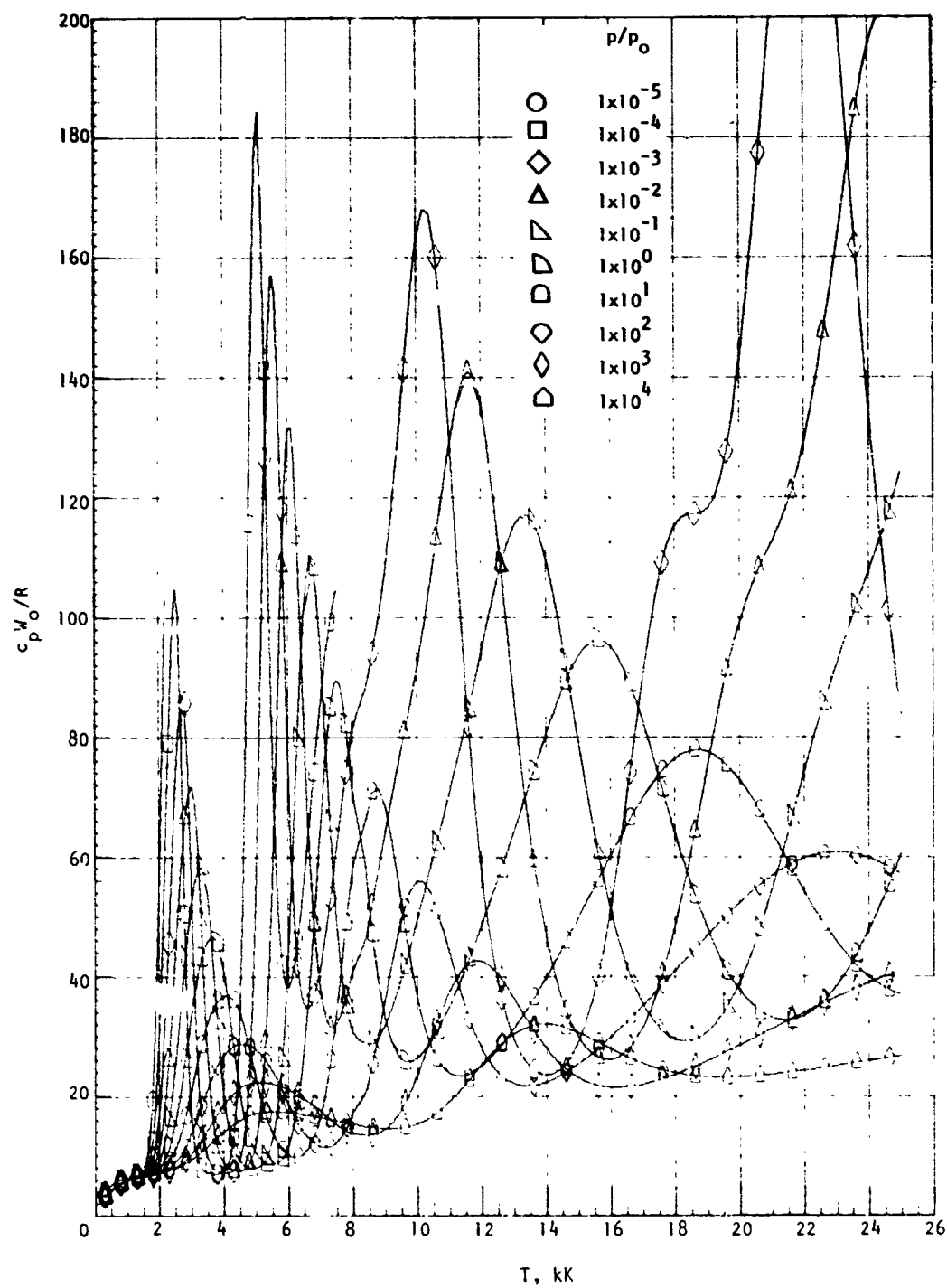
Figure 1.- Continued.





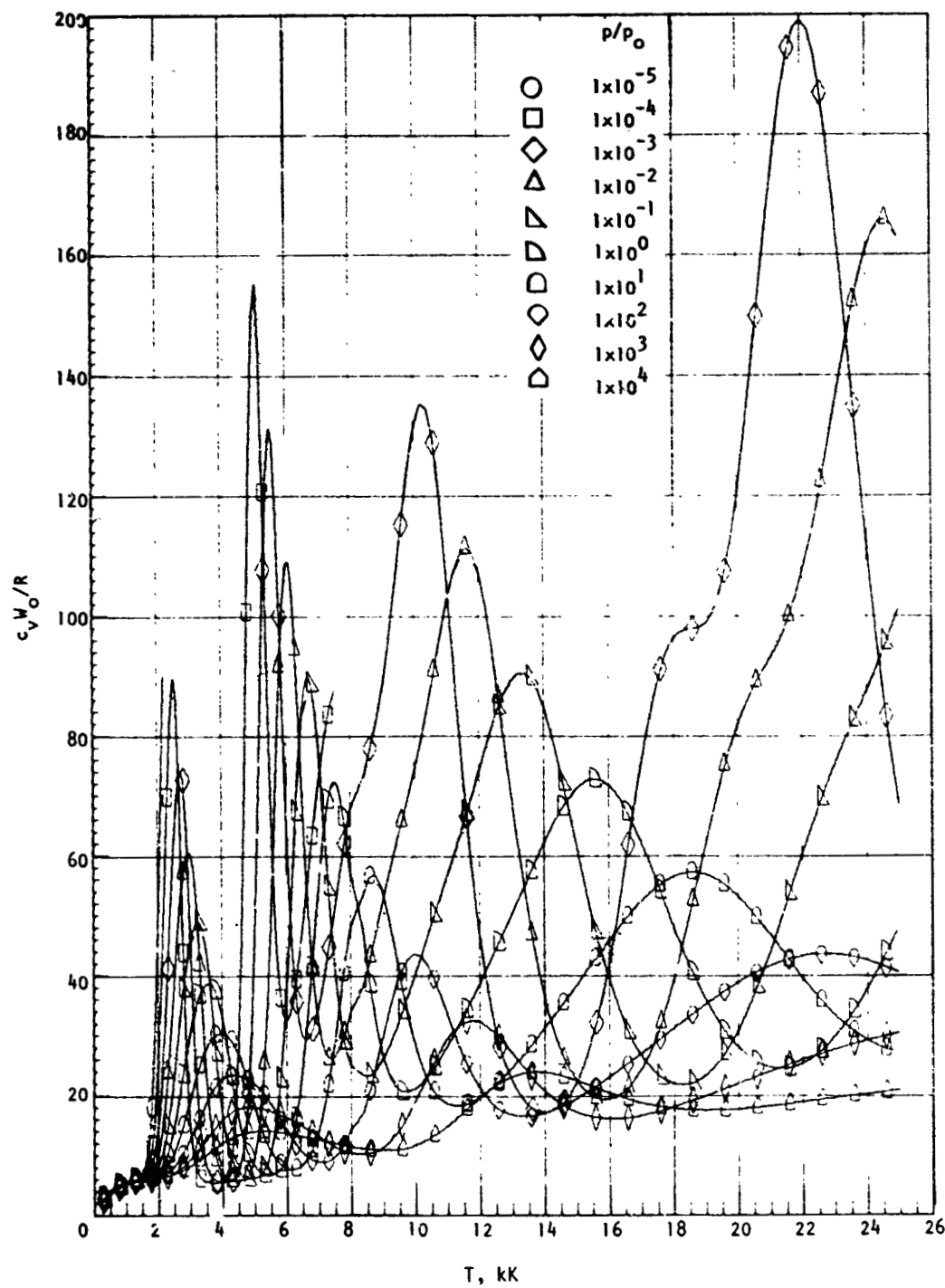
(e)  $Z$  mole of dissociated carbon dioxide per kmole of undissociated carbon dioxide,  $Z$ .

Figure 1.- Continued.



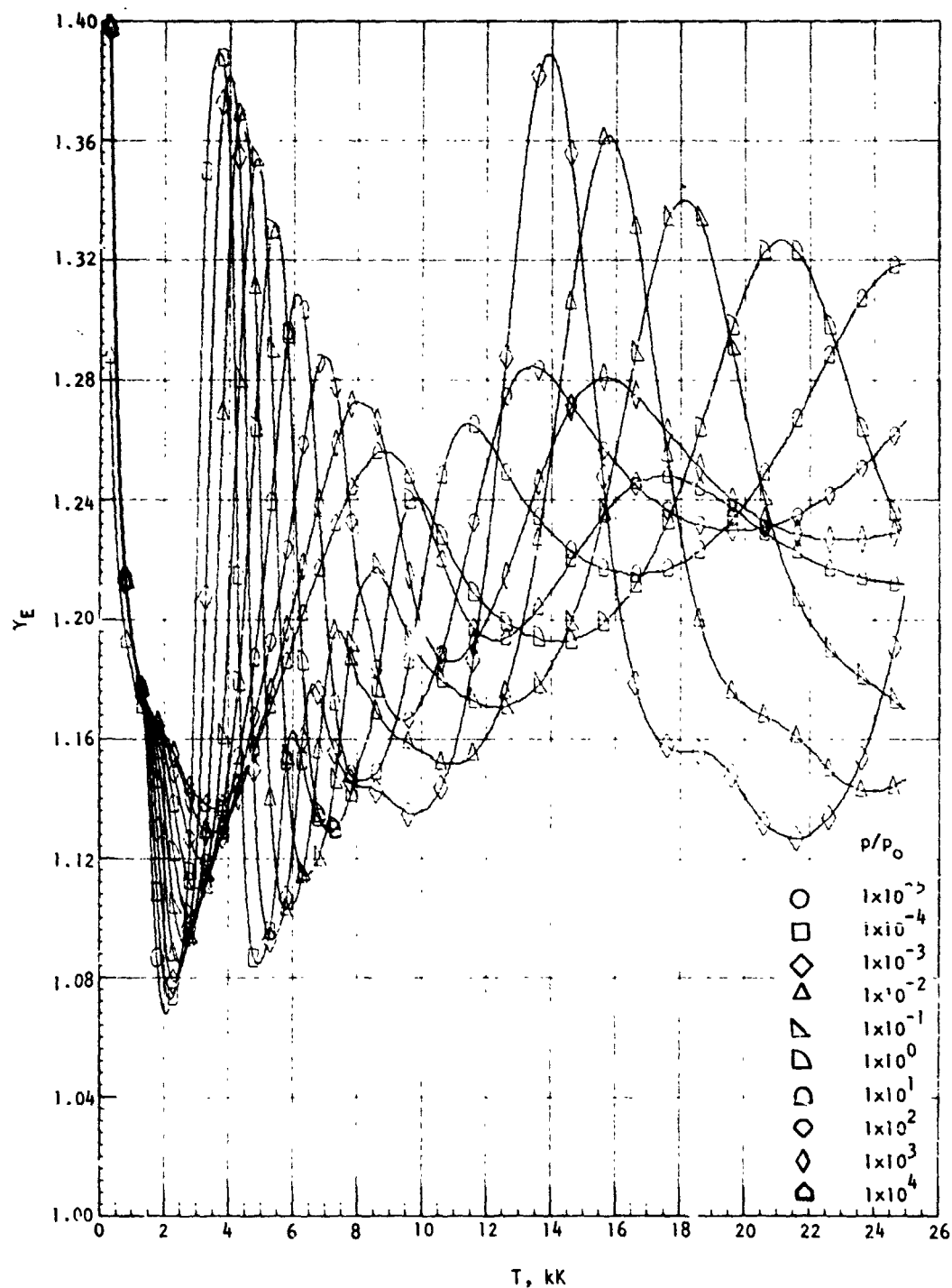
(f) Specific heat at constant pressure,  $c_p W_0 / R$ .

Figure 1.- Continued.



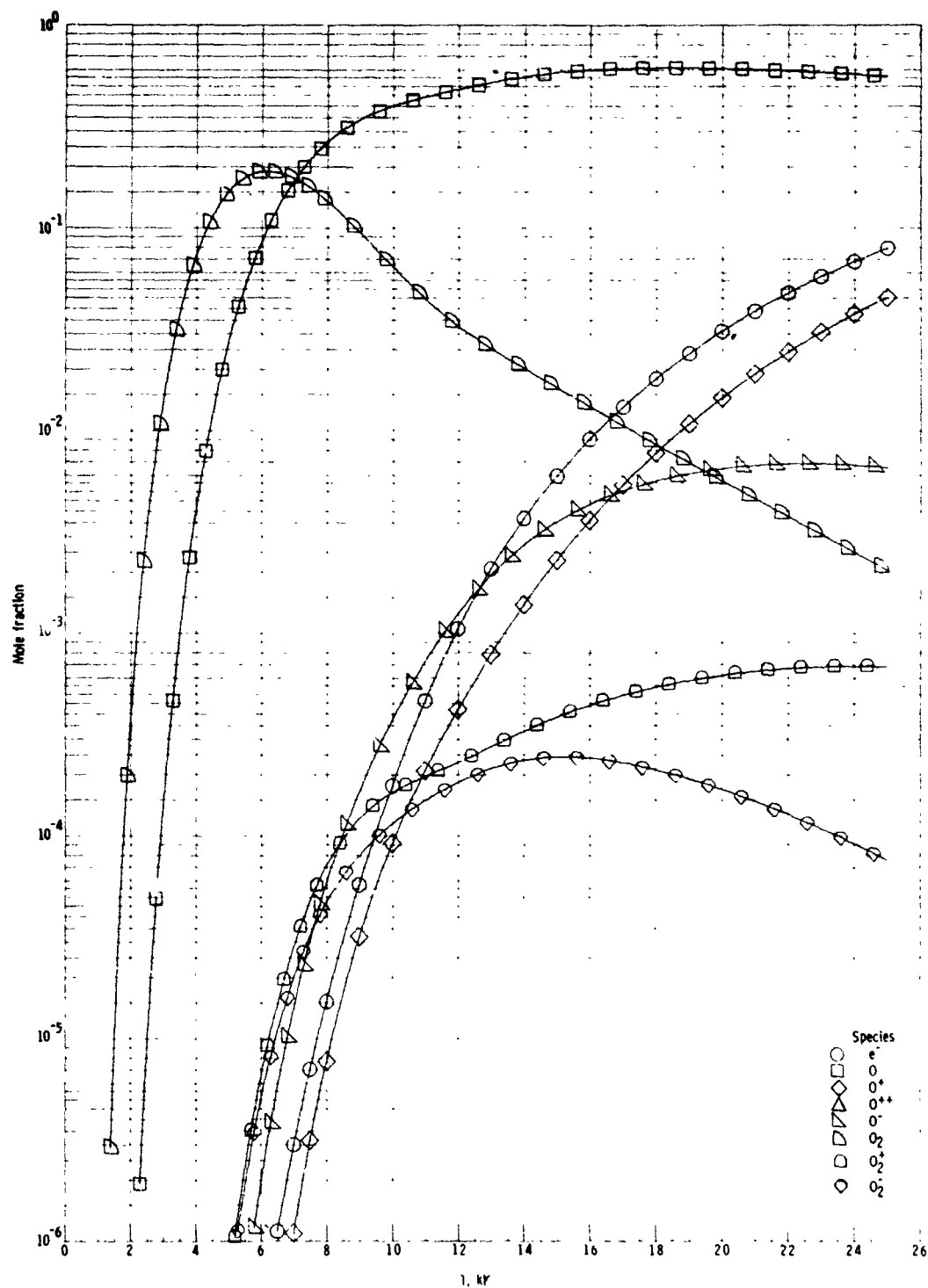
(g) Specific heat at constant volume,  $c_v W_0 / R$ .

Figure 1.- Continued.



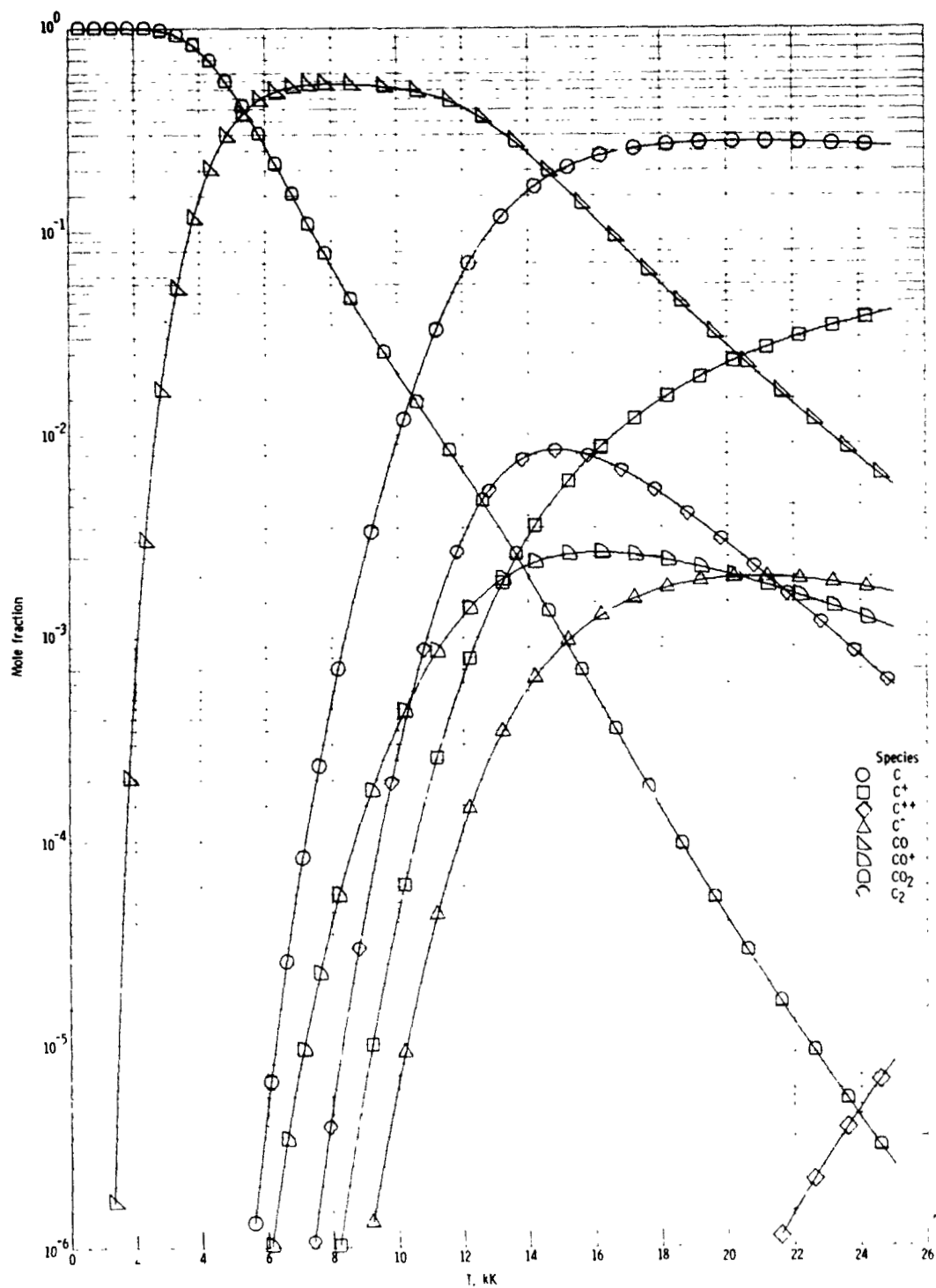
(h) Isentropic exponent,  $\gamma_E$ .

Figure 1.- Concluded.



(a)  $p/p_0 = 10,000$ .

Figure 2.- Mole fractions for carbon dioxide as a function of temperature for various pressures.

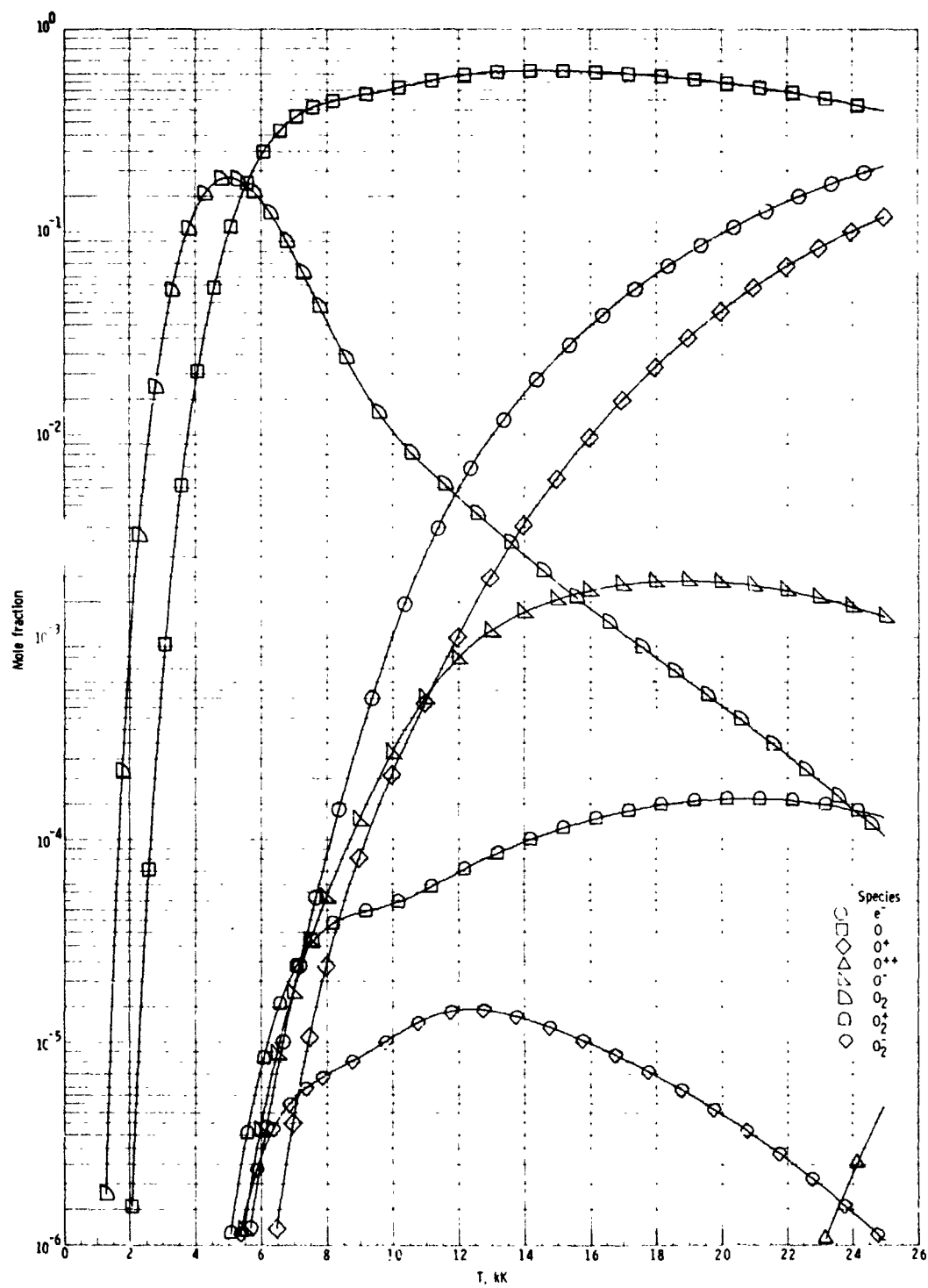


(a) Concluded.

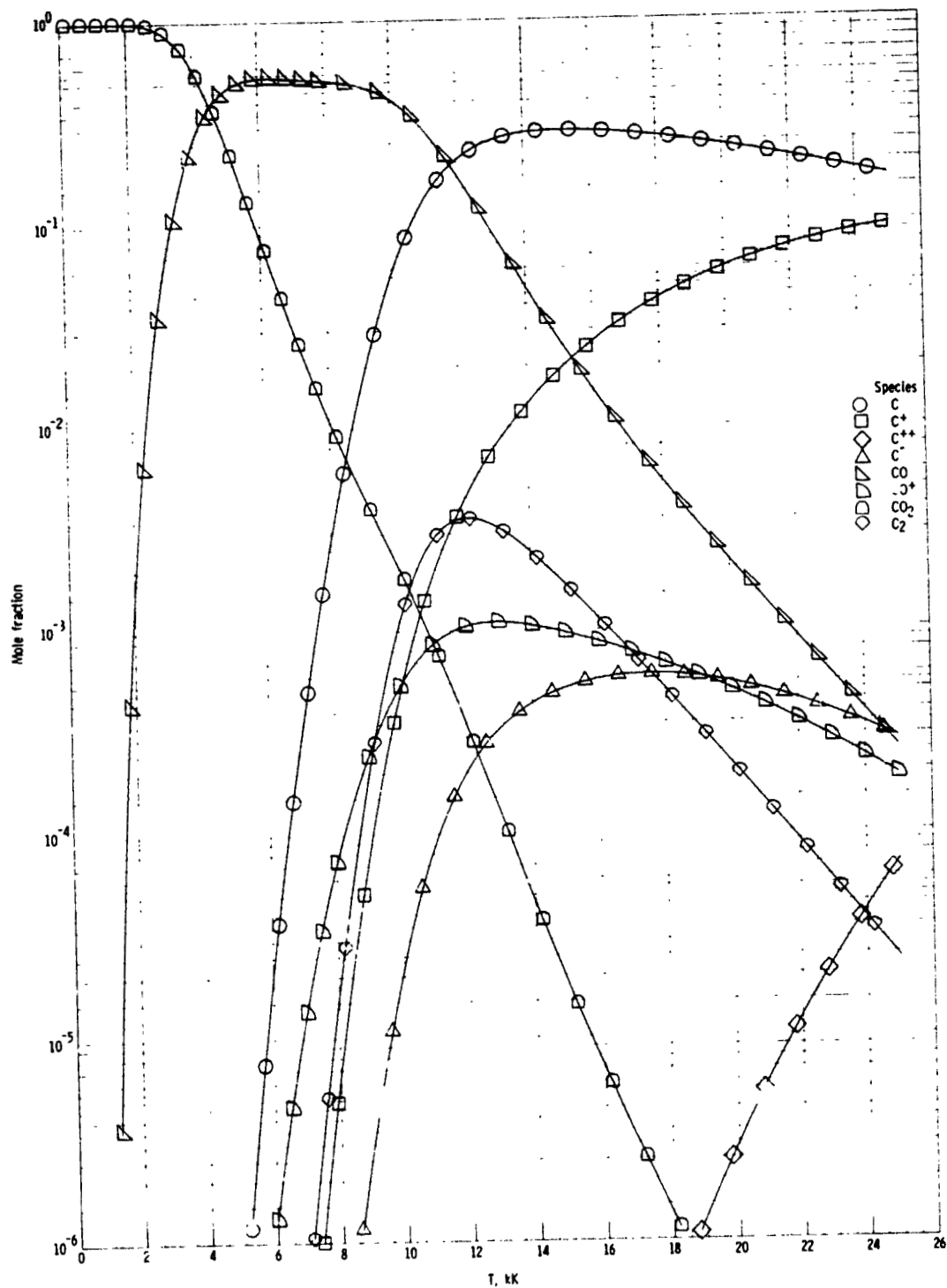
Figure 2.- Continued.

REPRODUCIBILITY OF THE  
INITIAL DATA IS POOR

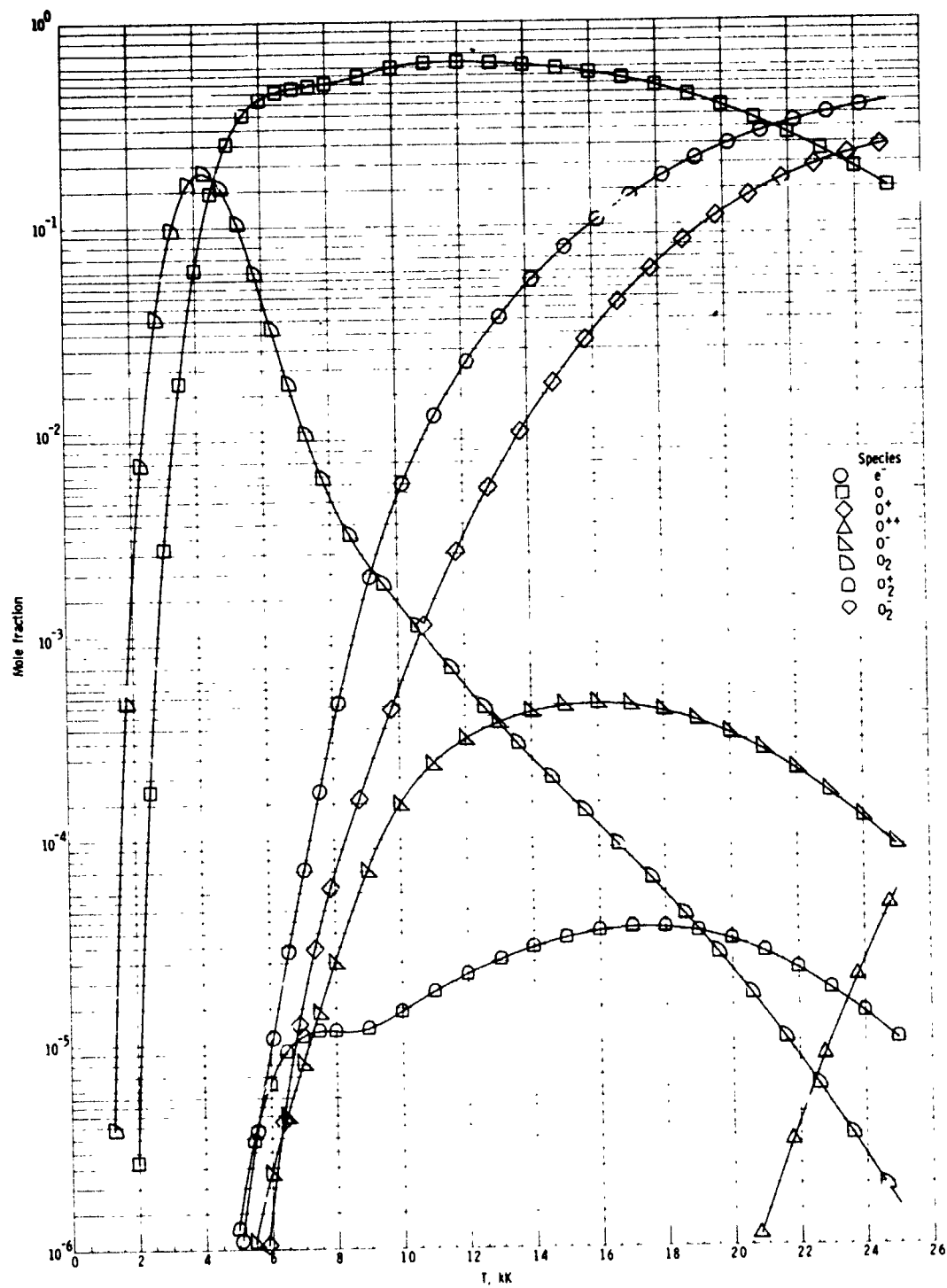




(b)  $p/p_0 = 1000$ .  
Figure 2.- Continued.



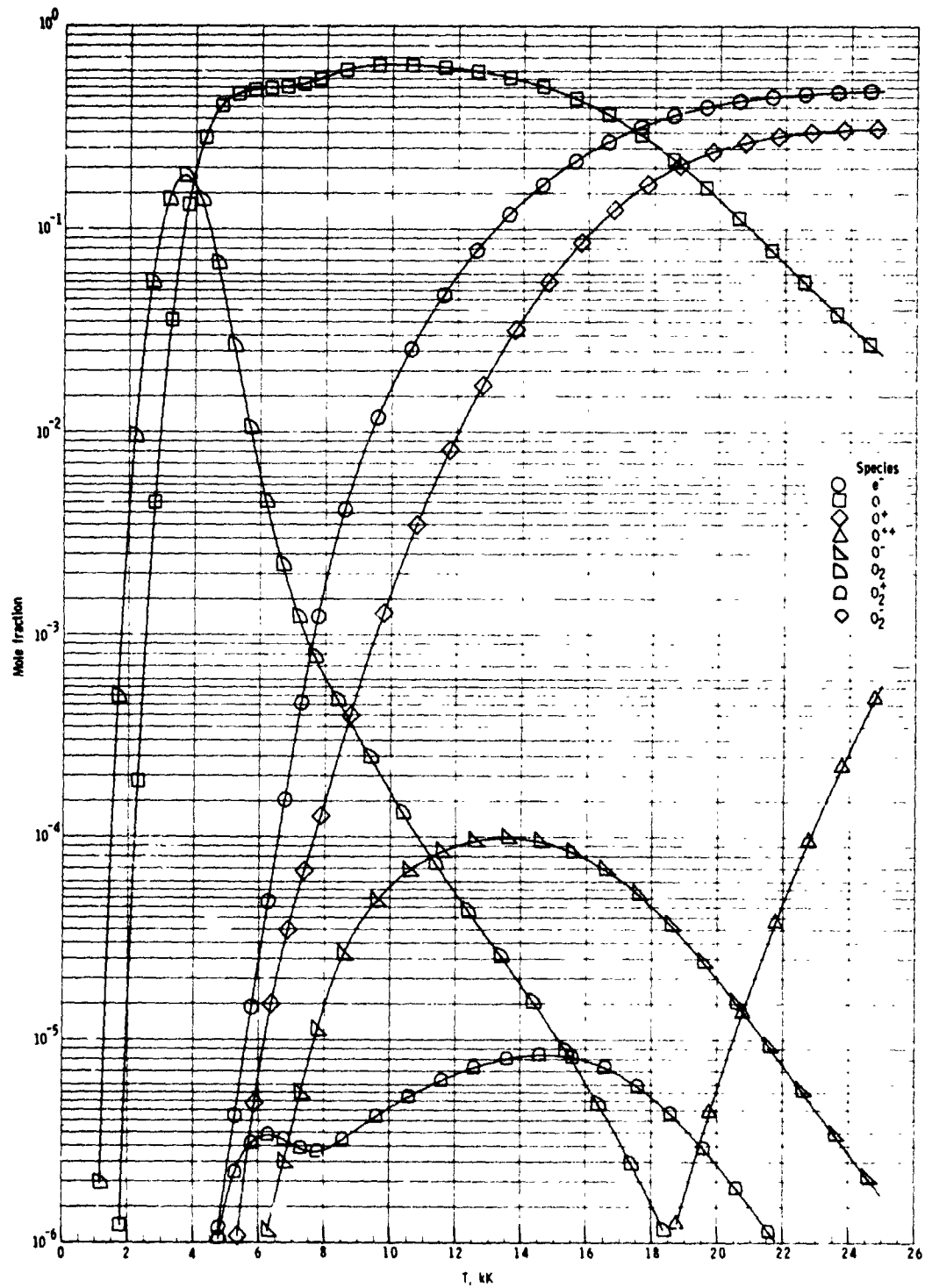
(b) Concluded.  
Figure 2.- Continued.



(c)  $p/p_0 = 100$ .

Figure 2.- Continued.

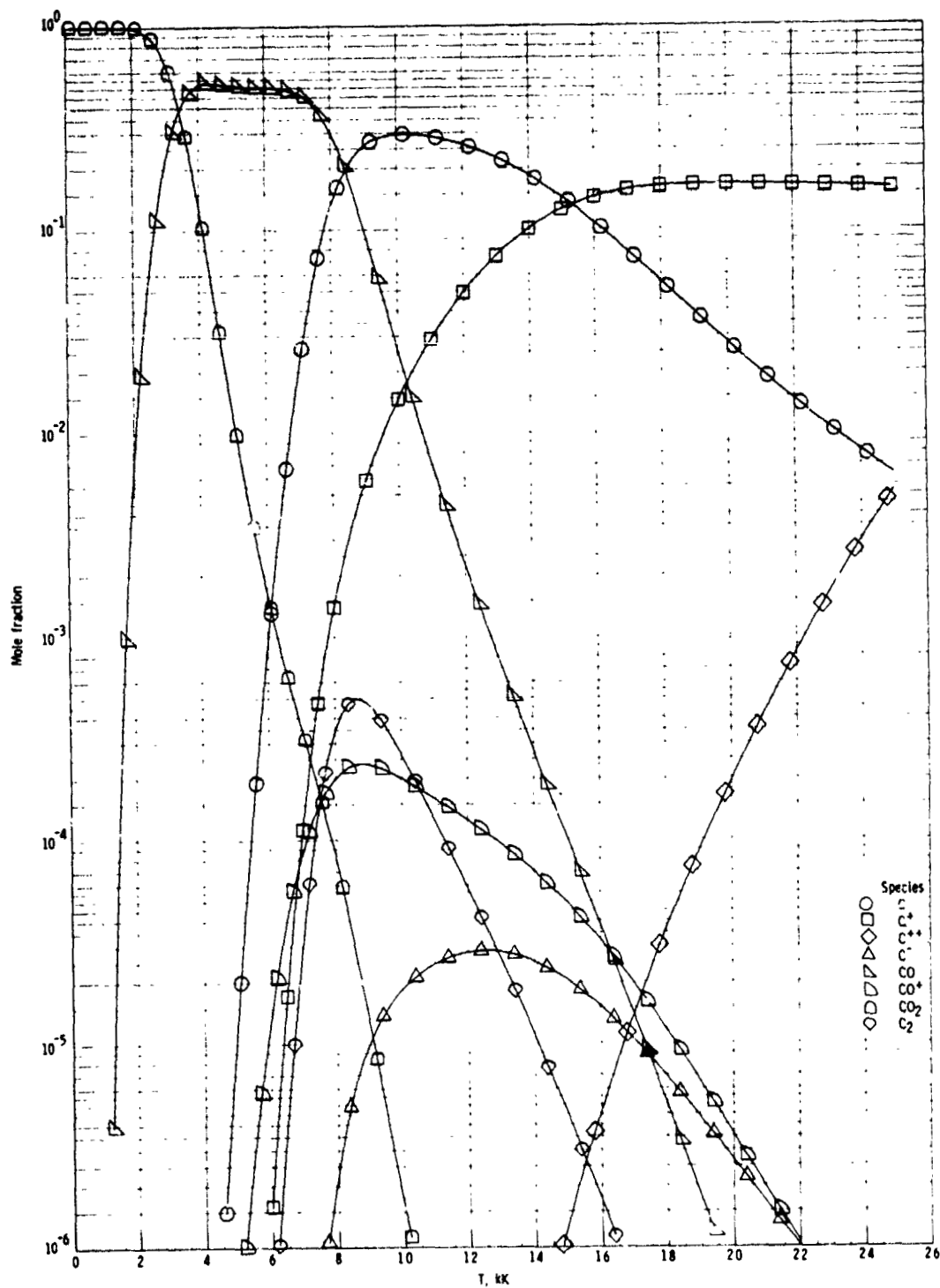




(d)  $p/p_0 = 10$ .

Figure 2.- Continued.

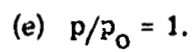
QUALITY OF THE  
IMAGE IS POOR



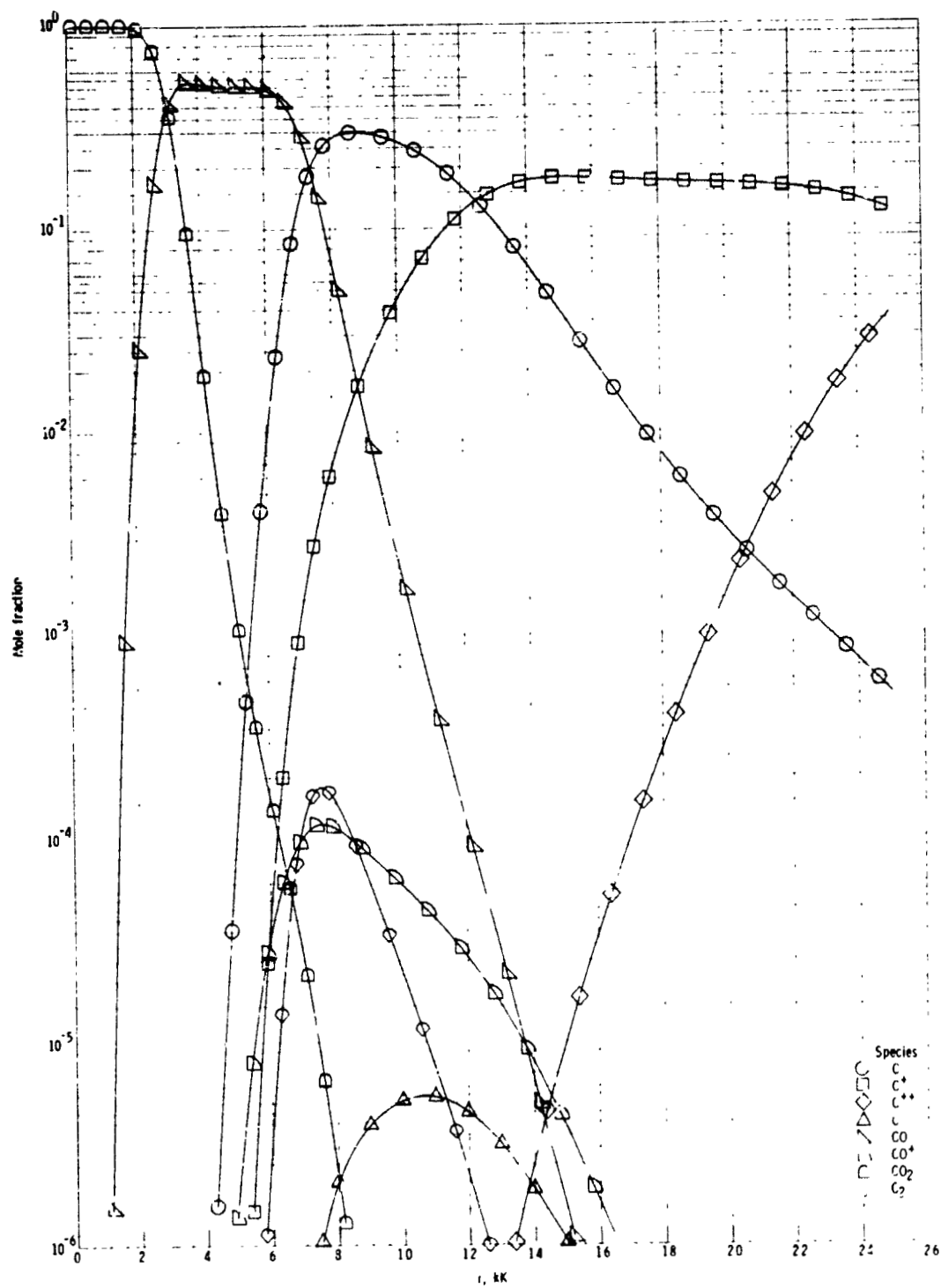
(d) Concluded.

Figure 2.- Continued.



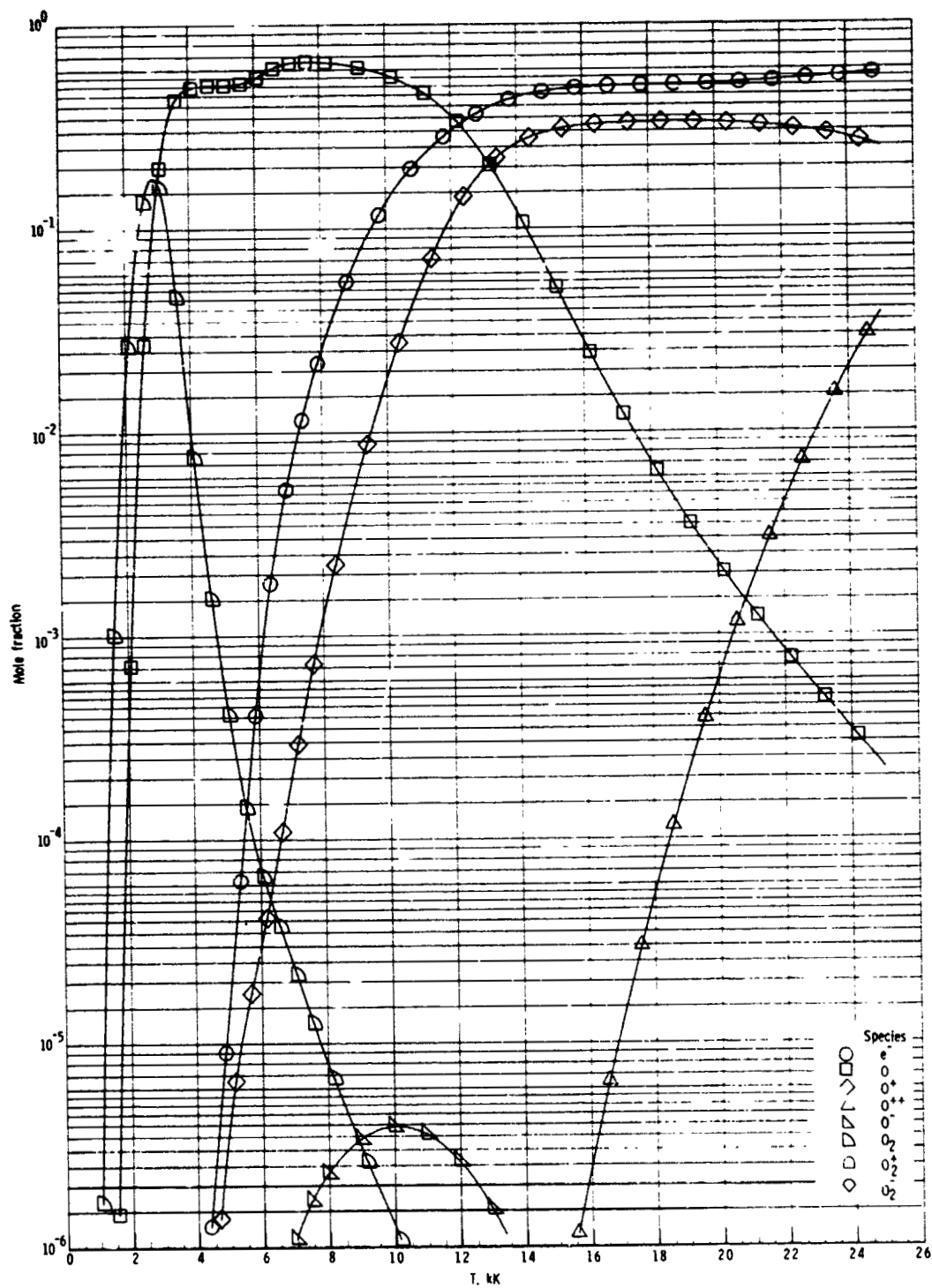


480



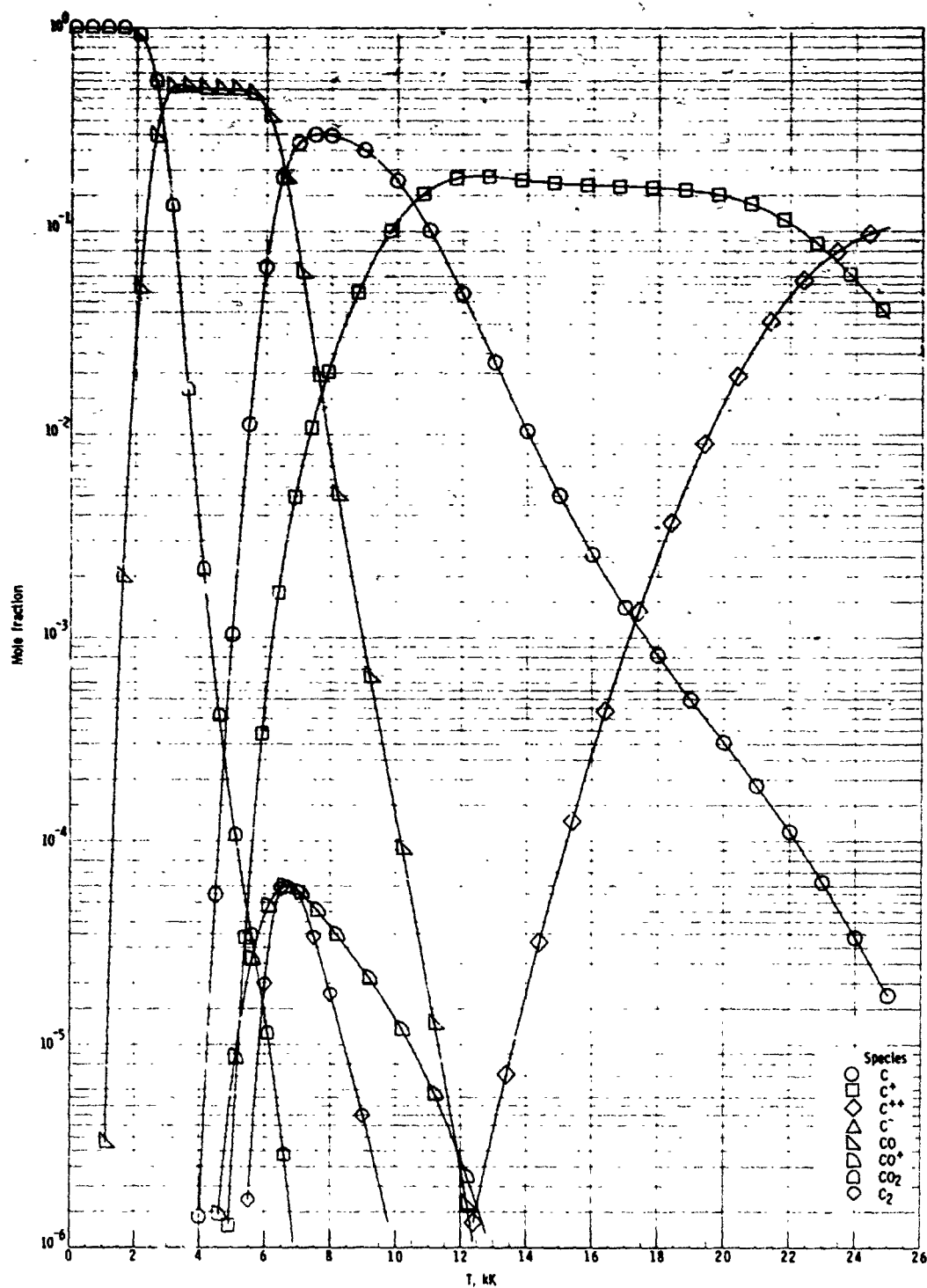
(e) Concluded.

Figure 2. - Continued.



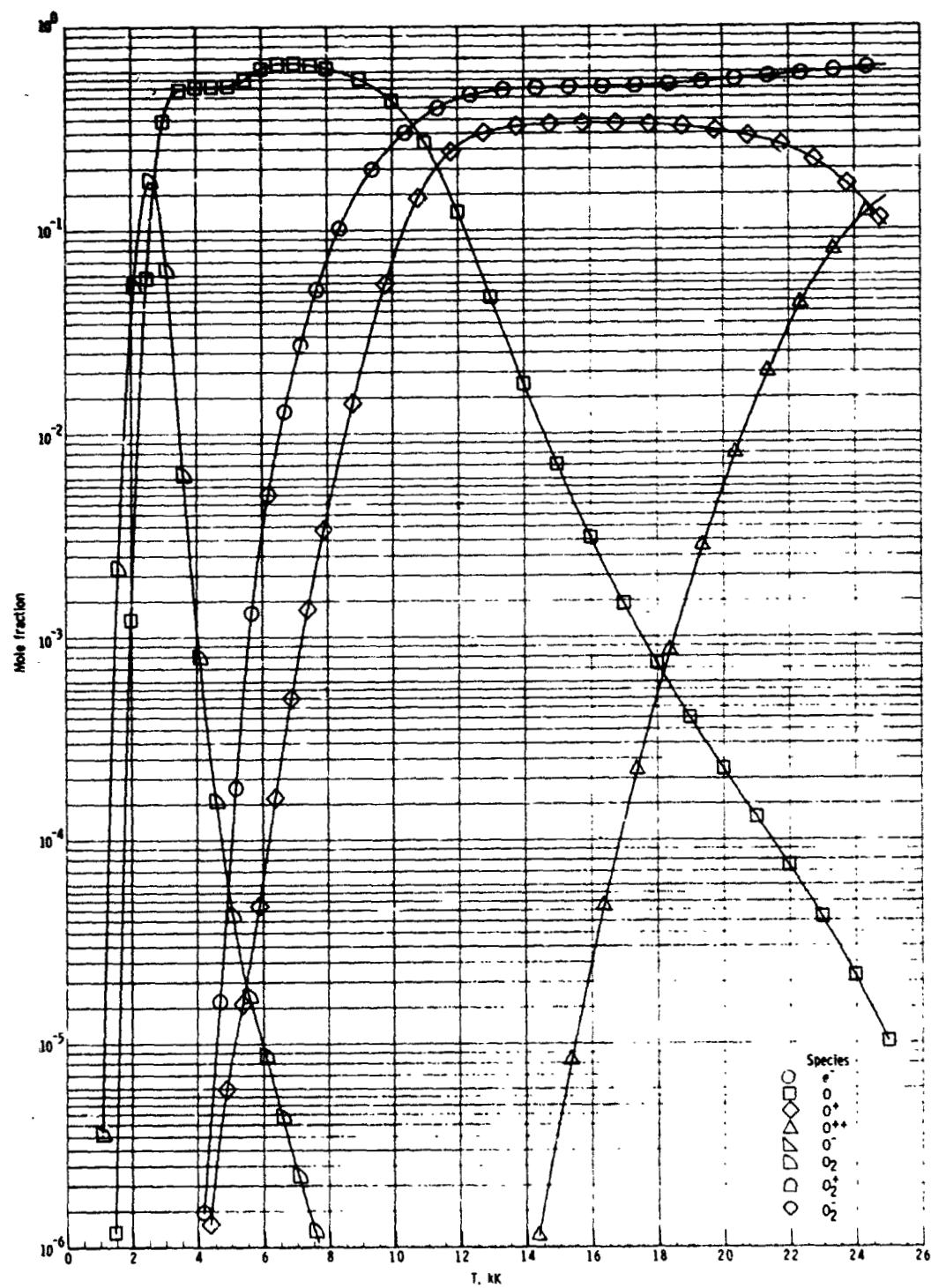
(f)  $p/p_0 = 0.1$ .

Figure 2.- Continued.



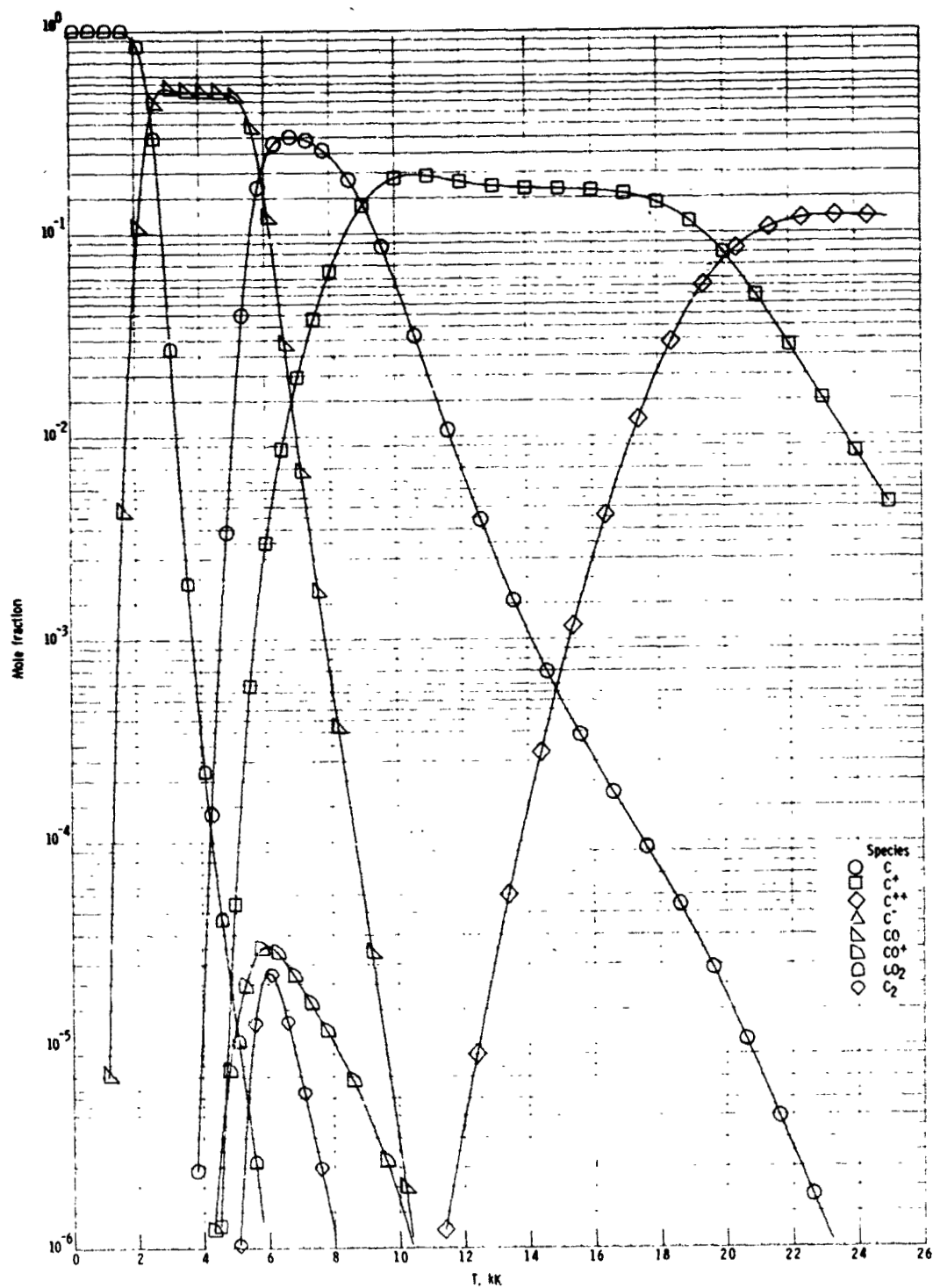
(f) Concluded.

Figure 2.- Continued.



(g)  $p/p_0 = 0.01$ .

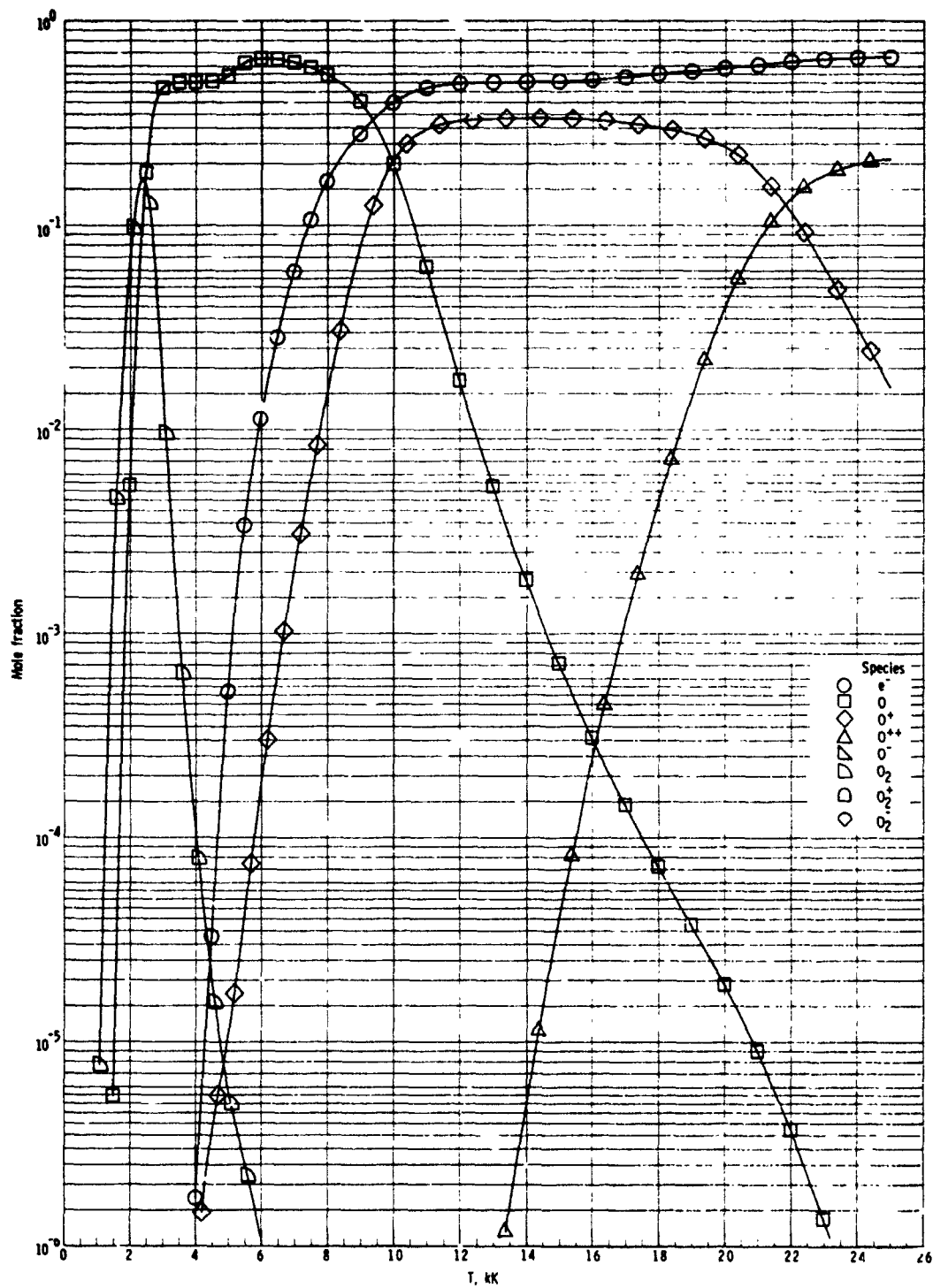
Figure 2.- Continued.



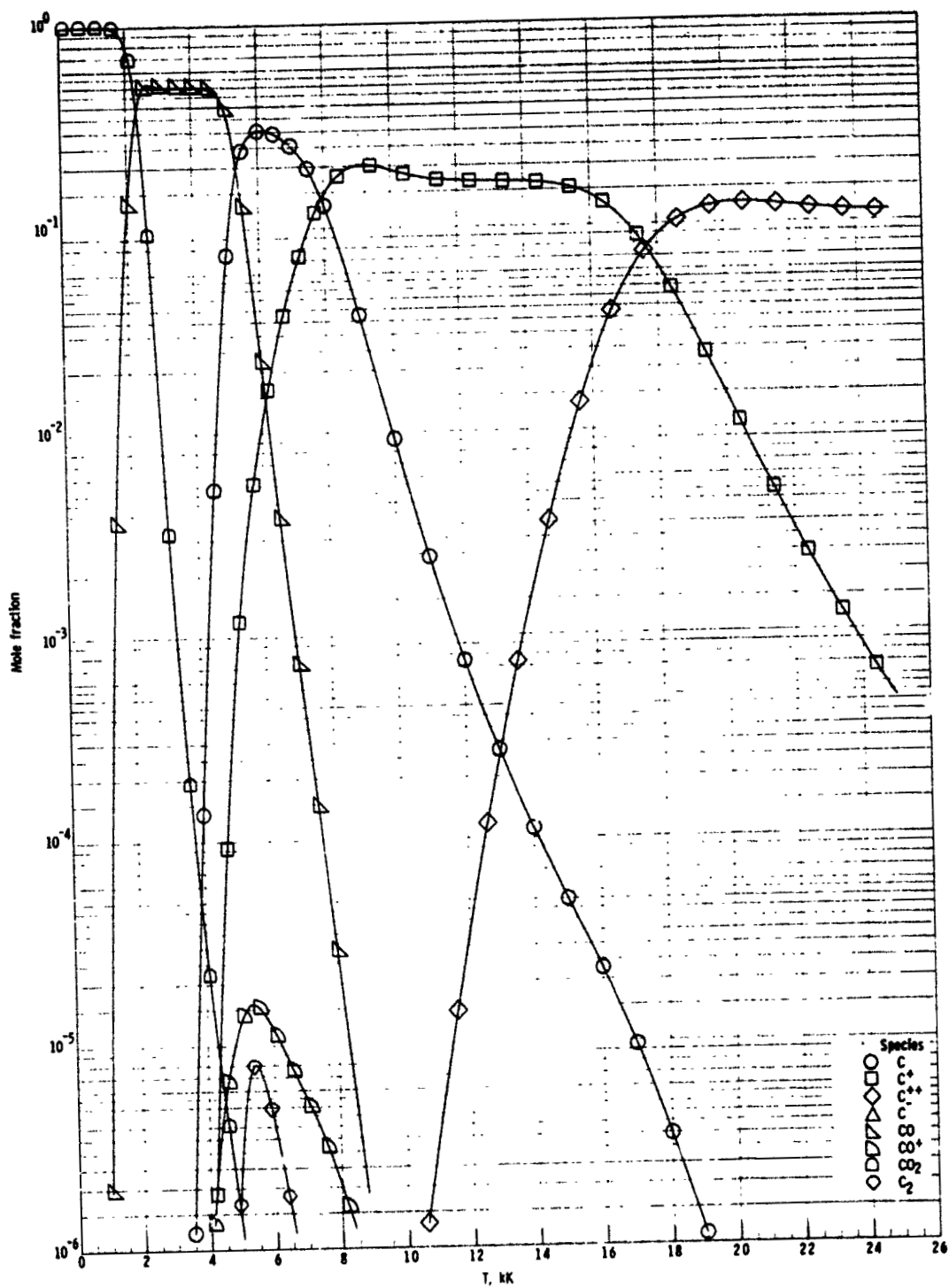
(g) Concluded.

Figure 2.- Continued.





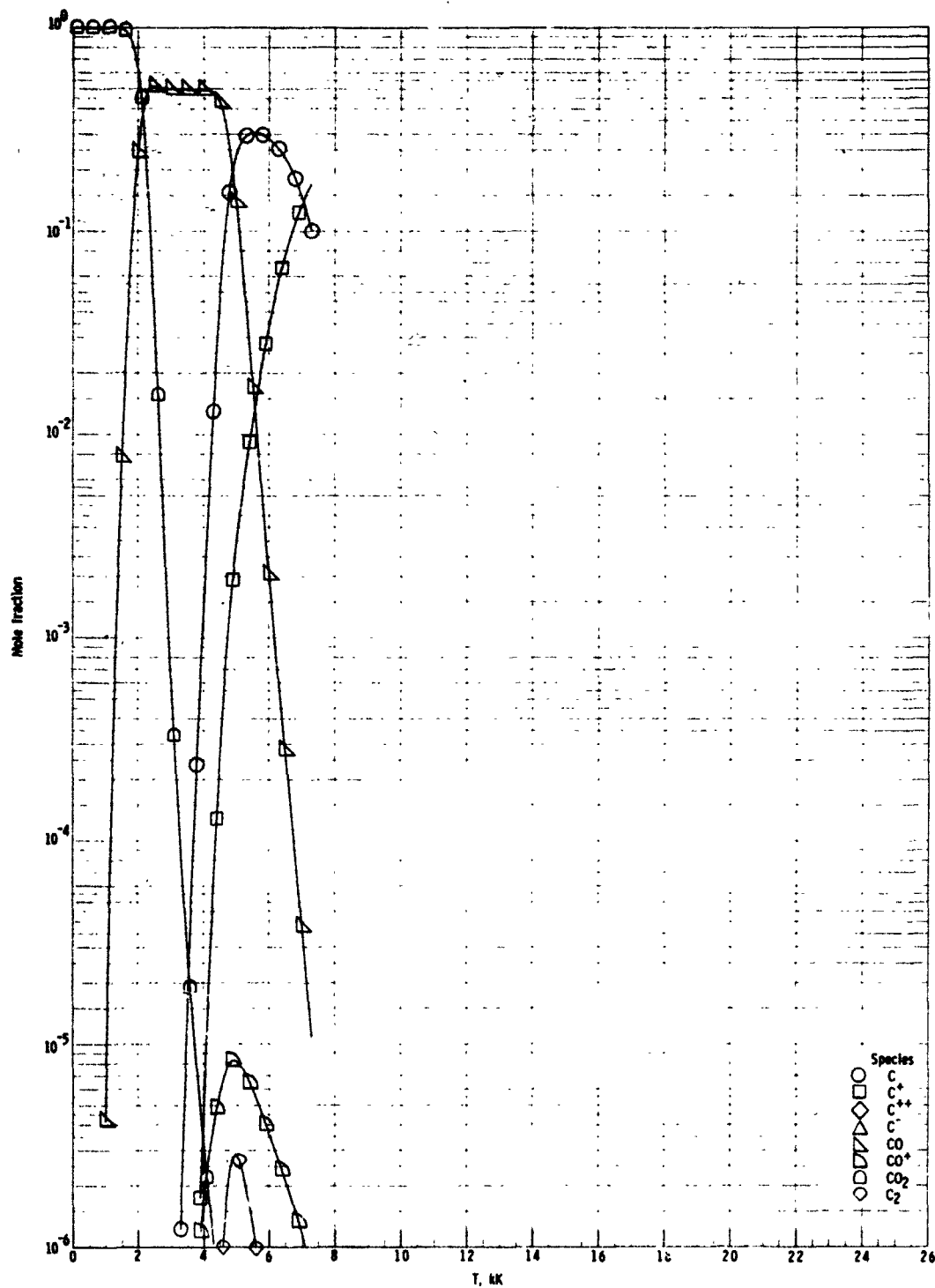
(h)  $p/p_0 = 0.001$ .  
Figure 2.- Continued.



(h) Concluded.

Figure 2.- Continued.





(i) Concluded.

Figure 2.- Concluded.